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National Data Book
and Guide to Sources

STATISTICAL ABSTRACT OF THE UNITED STATES 1986

106th Edition

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106th Annual Edition

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The cooperation of many contributors to this volume is gratefully acknowledged. The source note below each table credits the various government and private agencies which have collaborated in furnishing information for the **Statistical Abstract.** In a few instances, contributors have requested that their data be designated as subject to copyright restrictions, as indicated in the source notes to the tables affected. Permission to use copyright material should be obtained directly from the copyright owner.

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Preface

The *Statistical Abstract of the United States*, published since 1878, is the standard summary of statistics on the social, political, and economic organization of the United States. It is designed to serve as a convenient volume for statistical reference and as a guide to other statistical publications and sources. The latter function is served by the introductory text to each section, the source note appearing below each table, and Appendix IV, which comprises the Guide to Sources of Statistics and the Guide to State Statistical Abstracts.

This volume includes a selection of data from many statistical publications, both governmental and private. Publications cited as sources usually contain additional statistical detail and more comprehensive discussions of definitions and concepts than can be presented here. Data not available in publications issued by the contributing agency but obtained from unpublished records are identified in the source notes as "unpublished data." More information on the subjects covered in tables so noted may generally be obtained from the source.

Except as indicated, figures are for the United States as presently constituted. Although emphasis in the *Statistical Abstract* is given primarily to national data, many tables present data for regions and individual States and a smaller number for metropolitan areas and cities. Appendix II, Metropolitan Area Concepts and Components, presents explanatory text, a complete current listing and population data for metropolitan statistical areas (MSA's), the primary metropolitan statistical areas (PMSA's), and the consolidated metropolitan statistical areas (CMSA's). Table 24 in section 1 presents selected population characteristics for MSA's with population of 250,000 or more. Statistics for the Commonwealth of Puerto Rico and for outlying areas of the United States are included in many State tables and are supplemented by information in section 32. Additional information for States, cities, counties, metropolitan areas, and other small units, as well as more historical data, are available in various supplements to the *Abstract* (see inside back cover).

USA Statistics in Brief, 1986, the pocket-size loose insert in front of the book, is available separately. Price information can be obtained from, and orders sent to, U.S. Department of Commerce, Bureau of the Census, Customer Services Branch—DUSD, Washington, DC 20233. A 25 percent discount will be allowed on orders of 100 copies or more sent to the same address.

Changes in this edition.—This year a new appendix, beginning on page 947 has been developed. This appendix identifies tables in the *Abstract* for which comparable or more detailed State data appear in the forthcoming supplement, *State and Metropolitan Area Data Book, 1986* (see inside back cover). This appendix will be updated annually.

Again this year we are presenting Appendix V, providing selected State rankings for 50 data items presented in various tables throughout this edition. The number of each table from which these data were excerpted or derived is given to guide the user to more information on the subject. In some cases, statistics in rankings reflect more recent or revised data which were not available when the reference table was prepared.

Statistics in this edition are generally for the most recent year or period available by October 1985. Each year almost 1,600 tables and charts are reviewed and evaluated; new tables and charts of current interest are added, continuing series are updated, and less timely data are condensed or eliminated. Text notes and appendixes are revised as appropriate.

In all, there are 102 new tables, distributed among 29 of the 33 sections. In addition, graphic charts have been revised or updated and many sections have undergone tabular rearrangement and format changes designed to improve the organization of subject matter. Of the tables included in the 1985 edition, 110 were omitted from this issue. The omissions represent primarily tables for which comparable details appear in other tables or for which no recent data are available, or tables for which the subject matter shown was considered relatively less important in the light of the space required for presentation.

Among the new tables relating to people and their concerns are:

- Marital status and marital dissolution among women, T. 51
- Ceasarean section deliveries, T. 88
- Use of family planning services by women, T. 101
- Health insurance coverage status, T. 157
- Trends of microcomputers in elementary and secondary schools, T. 237
- Average number of Carnegie units earned by high school graduates, T. 243
- Characteristics of college freshmen, T. 254
- Growth of appeals in State appellate courts, T. 313
- Recidivism, T. 324
- Adult participation in leisure time activities, T. 393
- Political party control of State legislatures, T. 427
- Union membership, T. 713
- Frequency of seat belt usage, T. 1057

Government and economic activities are reflected in new tables on:

- State and local government costs for employee benefits, T. 486
- Estimated U.S.S.R. strategic nuclear forces, T. 560
- Monthly mean income of households, by income source, T. 749
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- Families using selected financial services, T. 847
- Wood energy consumption, T. 991
- Expenditures of the space shuttle system, T. 1021
- Food and fiber sector of the domestic economy, T. 1114
- Price support operations for selected crops, T. 1175
- Imports and exports of selected timber products, T. 1214
- Summary of Federal offshore leasing, T. 1254
- Median sales price of existing one-family homes, T. 1305
- Shipments of consumer electronic products, T. 1376
- Indexes of the value of foreign currency relative to U.S. dollar, T. 1497

Historical statistics.—Specific headnote references in this *Abstract* link many tables to earlier data shown in *Historical Statistics of the United States, Colonial Times to 1970.* (See Appendix I, pp. 865 and 866.)

Statistical reliability and responsibility.—The contents of this volume were taken from many sources. All data from either censuses and surveys or from administrative records are subject to error arising from a number of factors: Sampling variability (for statistics based on samples), reporting errors in the data for individual units, incomplete coverage, nonresponse, imputations, and processing error. (See also Appendix III, pp. 877-892.) The Bureau of the Census cannot accept the responsibility for the accuracy or limitations of the data presented here, other than for those which it collects. The responsibility for selection of the material and for proper presentation, however, rests with the Bureau.

For additional information on data presented.—Please consult the source publications available in local libraries or write to the agencies indicated in the source notes. Write to the Bureau of the Census only if it is cited as the source.

Suggestions and comments.—Users of the *Statistical Abstract* and its supplements (see inside back cover) are urged to make their data needs known for consideration in planning future editions. Suggestions and comments for improving coverage and presentation of data should be sent to the Director, U.S. Bureau of the Census, Washington, DC 20233.

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APPROXIMATE CONVERSIONS

[For information regarding conversion, call or write the Office of Metric Programs, U.S. Department of Commerce, Washington, D.C. 20230 (202-377-0944)]

Customary			Metric	Metric			Customary
Inches (in)	×	25.400	= millimeters	Millimeters (mm)	×	.039	= inch
Feet (ft)	×	.305	= meters	Meters (m)	×	3.281	= feet
Yards (yd)	×	.914	= meters	Meters (m)	×	1.094	= yards
Miles (mi)	×	1.609	= kilometers	Kilometers (km)	×	.621	= mile
Square inches (in^2)	×	6.452	= sq centimeters	Sq centimeters (cm^2)	×	.155	= sq inch
Square feet (ft^2)	×	.093	= sq meters	Square meters (m^2)	×	10.764	= sq feet
Square yards (yd^2)	×	.836	= sq meters	Square meters (m^2)	×	1.196	= sq yards
Acres	×	.405	= hectares	Hectares (ha)	×	2.471	= acres
Cubic feet (ft^3)	×	.028	= cu meters	Cu meters (m^3)	×	35.315	= cu feet
Cord (cd)	×	3.625	= cu meters	Liters (l)	×	1.057	= quarts (lq)
Quarts (lq) (qt)	×	.946	= liter	Cu meters (m^3)	×	264.172	= gallons
Gallons (gal)	×	.004	= cu meters	Grams (g)	×	.035	= ounce (avdp)
Ounces (avdp) (oz)	×	28.350	= grams	Kilograms (kg)	×	2.205	= pounds (avdp)
Pounds (avdp) (lb)	×	.454	= kilograms	Kilowatts (kW)	×	1.341	= horsepower
Horsepower (hp)	×	.746	= kilowatts	Degrees Celsius	×	9/5+32	= degrees Fahrenheit
Degrees Farenheit (−32)	×	5/9	= degrees Celsius				

UNITS OF LENGTH AND AREA

Customary			Metric	Metric			Customary
Inch (in)			= 25.400 millimeters	Millimeter (mm)	=	.001 meter	= .039 inch
Foot (ft)	=	12 in	= .305 meter	Centimeter (cm)	=	.01 meter	= .394 inch
Yard (yd)	=	36 in or 3 ft	= .914 meter	Decimeter (dm)	=	.1 meter	= 3.937 inches
Mile (mi)	=	5,280 ft	= 1.609 kilometers	Meter (m)			= 3.281 feet
In^2 (sq in)			= 6.452 cm^2	Kilometer (km)	=	1,000 meters	= .621 mile
Ft^2 (sq ft)	=	144 sq in	= .093 m^2	Sq millimeter (mm^2)	=	.000001 m^2	= .002 sq in
Yd^2 (sq yd)	=	1,296 sq in or 9 sq ft	= .836 m^2	Sq centimeter (cm^2)	=	.0001 m^2	= .155 sq in
				Sq decimeter (dm^2)	=	.01 m^2	= 15.5 sq in
Acre	=	43,560 sq ft	= .405 ha	Sq meter (m^2)			= 10.764 sq ft
Mile^2 (sq mi)	=	640 acres	= 2.590 km^2	Hectare (ha)	=	10,000 m^2	= 2.471 acres
				Sq kilometer (km^2)	=	1,000,000 m^2	= .386 sq mi

UNITS OF WEIGHT (OR MASS)

Customary			Metric	Metric			Customary
	Avoirdupois[1]						
Grain			= .065 gram	Gram (g)			= .035 oz avdp or .032 oz troy
Ounce (oz avdp)	=	437.5 grains or 16 drams	= 28.350 grams	Dekagram (dag)	=	10 g	= .353 oz avdp or .322 oz troy
Pound (lb avdp)	=	7,000 grains or 16 ounces	= .454 kilogram	Hectogram (hg)	=	10g =	3.527 oz avdp or 3.215 oz troy
Hundredweight (cwt)	=	100 pounds	= 45.359 kg				
Ton, short (tn)	=	2,000 pounds	= .907 metric ton				
Ton, long	=	2,240 pounds	= 1.016 metric tons	Kilogram (kg)	=	1,000 g	= 2.205 lb avdp or 2.679 lb troy
		Troy[2]					
Ounce (oz troy)[3]	=	480 grains	= 31.104 grams	Metric ton	=	1,000 kg	= 1.102 short tons or .984 long ton
Pound (lb troy)	=	5,760 grains or 12 ounces	= .373 kilogram				

UNITS OF CAPACITY

Customary			Metric	Customary			Metric
	Liquid				Dry		
Fluid ounce (fl oz)			= 29.574 mL	Pint (pt)			= .551 dm^3
Pint (pt)	=	16 fl oz	= .473 liter	Quart (qt)	=	2 pints	= 1.101 dm^3
Quart (qt)	=	32 fl oz or 2 pt	= .946 liter	Peck (pk)	=	8 quarts	= 8.810 dm^3
Gallon (gal)	=	8 pt or 4 qt	= 3.785 liters	Bushel (bu)	=	32 quarts	= 35.238 dm^3

Metric	Customary	
Milliliter (mL) = .001 liter	= .034 fl oz (liquid)	= .002 pt (dry)
Liter (L)	= 1.057 qt (liquid)	= .908 qt (dry)
Hectoliter (hL) = 100 liters	= 26.417 gal (liquid)	= 90.808 qt (dry)

[1] For weighing ordinary commodities. [2] For weighing precious metals, jewels, etc. [3] Also known as fine ounces.

The following symbols used in the tables throughout this book, are explained in condensed form in footnotes to the tables where they appear:

—	Represents zero or rounds to less than half the unit of measurement shown.
B	Base figure too small to meet statistical standards for reliability of derived figure.
D	Figure withheld to avoid disclosure of information pertaining to a specific organization or individual.
NA	Data not enumerated, tabulated, or otherwise available separately.
NS	Percent change irrelevant or insignificant.
S	Figure does not meet publication standards for reasons other than that covered by symbol B, above.
X	Figure not applicable because column heading and stub line make an entry impossible, absurd, or meaningless.
Z	Entry would amount to less than half the unit of measure shown.

In many tables, details will not add to the totals shown because of rounding.

Example of table structure:

Table Number and Title — NO. 52. HOUSEHOLDER AND MARITAL STATUS OF POPULATION, 15 YEARS OLD AND OVER: 1984

Unit indicator — [In thousands, except percent. As of March. See headnote, table 44] ← *Headnote*

Footnote indicator — *Spanner* — *Column heads* — *Parallel rule* — *Stub* — *Field*

HOUSEHOLDER AND MARITAL STATUS	Total[1]	MALE					FEMALE				
		Total[1]	20–24 years	25–44 years	45–64 years	65 yr. and over	Total[1]	20–24 years	25–44 years	45–64 years	65 yr. and over
Total persons	**180,303**	**86,050**	**10,388**	**34,589**	**21,013**	**10,749**	**94,253**	**10,620**	**35,641**	**23,260**	**15,542**
Householder[2]	85,407	59,361	3,247	27,206	19,020	9,683	26,046	1,888	9,197	6,573	8,218
Single	10,941	5,491	1,188	3,139	696	345	5,450	1,273	2,770	661	608
Married, spouse present	50,090	47,579	1,953	21,501	16,365	7,682	2,510	228	1,331	683	259
Widowed	11,149	1,664	–	50	397	1,217	9,484	7	412	2,454	6,601
Divorced	9,383	3,345	48	1,885	1,151	259	6,037	198	3,285	1,996	560
Not householder[2]	94,896	26,690	7,141	7,382	1,993	1,065	68,206	8,731	26,445	16,688	7,324
Single	36,669	20,544	6,583	4,188	533	189	16,125	4,770	2,280	370	261
Married, spouse present	51,639	3,285	317	1,655	801	450	48,354	3,596	22,940	15,636	5,876
Widowed	2,003	408	5	24	87	292	1,595	2	64	284	1,246
Divorced	2,927	1,547	122	998	350	78	1,380	185	793	302	88
PERCENT DISTRIBUTION											
Total persons	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Householder[2]	47.4	69.0	31.3	78.7	90.5	90.1	27.6	17.8	25.8	28.3	52.9
Single	6.1	6.4	11.4	9.1	3.3	3.2	5.8	12.0	7.8	2.8	3.9
Married, spouse present	27.8	55.3	18.8	62.2	77.9	71.5	2.7	2.1	3.7	2.9	1.7
Widowed	6.2	1.9	–	.1	1.9	11.3	10.1	.1	1.2	10.6	42.5
Divorced	5.2	3.9	.5	5.4	5.5	2.4	6.4	1.9	9.2	6.3	3.8
Not householder[2]	52.6	31.0	68.7	21.3	9.5	9.9	72.4	82.2	74.2	71.7	47.1
Single	20.3	23.9	63.4	12.1	2.5	1.8	17.1	44.9	6.4	1.6	1.7
Married, spouse present	28.6	3.8	3.1	4.8	4.0	4.2	51.3	33.9	64.4	67.2	36.5
Widowed	1.1	.5	–	.1	.4	2.7	1.7	–	.2	1.2	8.0
Divorced	1.6	1.8	1.2	2.9	1.7	.7	1.5	1.7	2.2	1.3	.8

Heavy rule

Footnotes — – Represents zero or rounds to zero. [1] Includes 15–19 year olds. [2] Includes other marital status not shown separately.

Source of tables 51 and 52: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 399, and earlier reports.

Headnotes immediately below table titles provide information important for correct interpretation or evaluation of the table as a whole or for a major segment of it.

Footnotes below the bottom rule of tables give information relating to specific items or figures within the table.

Unit indicators ("In thousands," "In millions of dollars," etc.) are usually given in boldface type as the first elements of the headnote. In tables where several units are used, the unit indicators are generally given in the stub or unit column or in the column headings.

Parallel vertical rules are used to the right of a total column to indicate—

(1) that the components which follow add to the total (e.g., tables 1, 8, 30, etc.);

(2) in the case of derived figures, that the underlying data are additive to their total (e.g., table 30 for ratios, table 48 for percentages, table 84 for rates and table 87 for medians).

Heavy vertical rules are used—

(1) in tables where the stub is continued into one or more additional columns across the table to separate each segment of stub and its accompanying data columns from the continued segments (e.g., tables 2, 33, 42, etc.);

(2) to set off independent sections of a table (e.g., tables 1, 5, 9, etc.).

Averages. An average is a single number or value that is often used to represent the "typical value" of a group of numbers. It is regarded as a measure of "location" or "central tendency" of a group of numbers.

The *arithmetic mean* is the type of average used most frequently. It is derived by summing the individual item values of a particular group and dividing the total by the number of items. The arithmetic mean is often referred to as simply the "mean" or "average."

The *median* of a group of numbers is the middle number or value when each item in the group is arranged according to size (lowest to highest or vice versa); it generally has the same number of items above it as below it. If there is an even number of items in the group, the median is taken to be the average of the two middle items.

Per capita (or per person) quantities. A per capita figure represents an average computed for every person in a specified group (or population). It is derived by taking the total for an item (such as income, taxes, or retail sales) and dividing it by the number of persons in the specified population.

Index numbers. An index number is a measure of difference or change, usually expressed as a percent, relating one quantity (the variable) of a specified kind to another quantity of the same kind. Index numbers are widely used to express changes in prices over periods of time but may also be used to express differences between related subjects for a single point in time.

To compute a price index, a base year or period is selected. The base year price (of the commodity or service) is then designated as the base or reference price to which the prices for other years or periods are related. Many price indexes use the year 1967 as the base year; in tables, this is shown as "1967=100." A method of expressing the price relationship is:

$$\frac{\text{Price of a set of one or more items for related year}}{\text{Price of the same set of items for base year}}$$

The result multiplied by 100 provides the index number. When 100 is subtracted from the index number, the result equals the percent change in price from the base year.

Average annual percent change. Unless otherwise stated in the *Abstract* (as in Section 1, Population), average annual percent change is computed by use of a *compound interest formula.* This formula assumes that the rate of change is constant throughout a specified compounding period (one year for average annual rates of change). The formula is similar to that used to compute the balance of a savings account which receives compound interest. According to this formula, at the end of a compounding period the amount of accrued change (e.g., school enrollment or bank interest) is added to the amount which existed at the beginning of the period. As a result, over time (e.g., with each year or quarter), the same rate of change is applied to a larger and larger figure.

The *exponential formula,* which is based on continuous compounding, is often used to measure population change. It is preferred by population experts because they view population and population-related subjects as changing without interruption, ever ongoing. Both exponential and compound interest formulas assume a constant rate of change. The former, however, applies the amount of change continuously to the base rather than at the end of each compounding period.

When the average annual rates are small (e.g., less than 5 percent), both formulas give virtually the same results. For an explanation of these two formulas as they relate to population, see U.S. Bureau of the Census, *The Methods and Materials of Demography,* vol. 2, 3d printing (rev.), 1975, pp. 372–381.

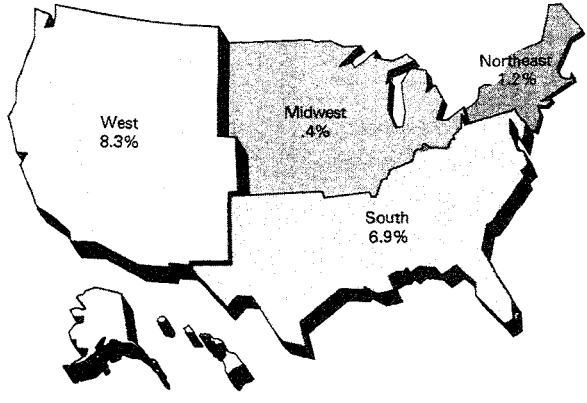
Current and constant dollars. Statistics in some tables in a number of sections are expressed in both current and constant dollars (see, for example, table 719, Section 15). Current dollar figures reflect actual prices or costs prevailing during the specified year(s). Constant dollar figures are estimates representing an effort to remove the effects of price changes from statistical series reported in dollar terms. In general, constant dollar series are derived by dividing current dollar estimates by the appropriate price index for the appropriate period (for example, the Consumer Price Index). The result is a series as it would presumably exist if prices were the same throughout, as in the base year—in other words as if the dollar had constant purchasing power. Any changes in this constant dollar series would reflect only changes in real volume of output, income, expenditures, or other measure.

1986

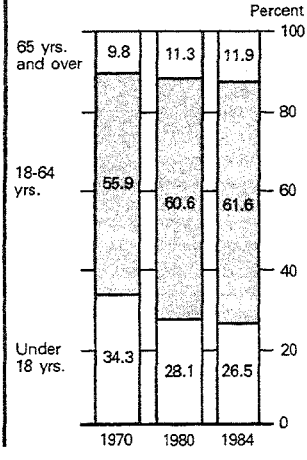
Recent Trends

Population

Resident Population — Percent change: 1980 to 1984



Resident Population — Age Distribution



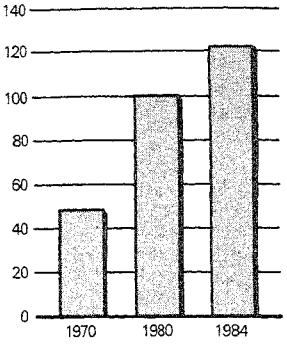
Population	Unit of measure	1970	1980	1982	1983	1984	Average annual percent change 1970-80	80-83	83-84
Resident population, total	Millions	203.3	226.5	231.8	234.0	236.2	1.1	1.0	0.9
Northeast	Millions	49.1	49.1	49.3	49.5	49.7	(Z)	0.2	0.5
Midwest	Millions	56.6	58.9	58.9	58.9	59.1	0.4	(Z)	0.4
South	Millions	62.8	75.4	78.4	79.6	80.6	1.8	1.7	1.2
West	Millions	34.8	43.2	45.2	46.0	46.7	2.2	2.0	1.6
In metropolitan areas [1]	Millions	155.7	172.2	(NA)	(NA)	179.9	1.0	[2]1.0	(NA)
In nonmetropolitan areas	Millions	47.6	54.4	(NA)	(NA)	56.2	1.3	[2]0.8	(NA)
Under 5 years	Millions	17.2	16.3	17.3	17.6	17.8	−0.5	2.3	1.1
5-17 years	Millions	52.5	47.4	45.6	45.1	44.9	−1.0	−1.5	−0.4
18-24 years	Millions	23.7	30.0	30.0	29.7	29.1	2.4	−0.4	−1.9
25-44 years	Millions	48.0	62.7	67.5	69.6	71.6	2.7	3.2	2.9
45-64 years	Millions	41.8	44.5	44.6	44.6	44.7	0.6	0.1	0.3
65 years and over	Millions	20.0	25.6	26.9	27.5	28.0	2.5	2.3	2.1
Median age	Years	28.0	30.0	30.6	30.9	31.3	0.7	0.9	1.3
White	Millions	178.1	194.7	198.1	199.6	201.0	0.9	0.8	0.7
Black	Millions	22.6	26.7	27.6	28.1	28.5	1.7	1.6	1.5

NA Not available. Z Less than .05 percent.
[1] Metropolitan statistical areas as defined June 30, 1985. [2] 1980-84.

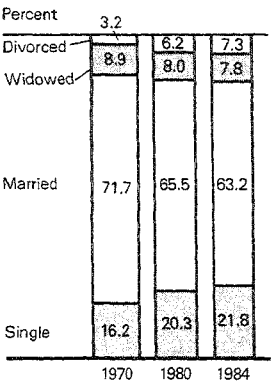
Population

Divorced Persons per 1,000 Married Persons

Rate per 1,000 married persons

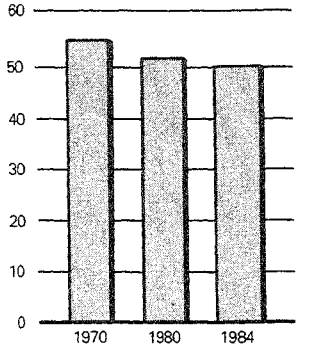


Marital Status



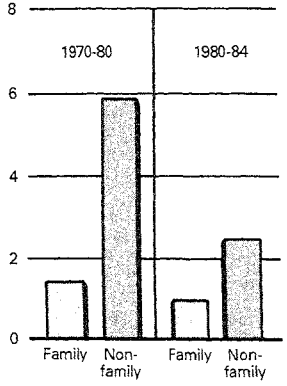
Percent of Families with Children[1]

Percent with children



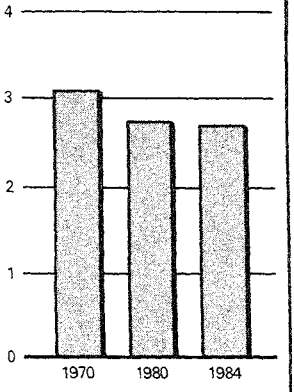
Households

Annual percent change

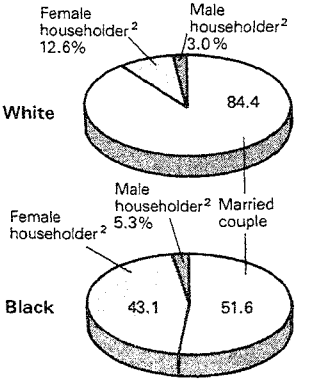


Persons per Household

Persons



Family Characteristics: 1984

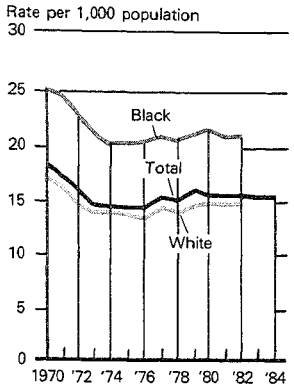


Population	Unit of measure	1970	1980	1982	1983	1984	Average annual percent change 1970-80	80-83	83-84
Persons 18 years old and over	Millions	132.5	159.5	164.7	167.1	169.5	1.9	1.6	1.4
Single	Percent	16.2	20.3	20.9	21.5	21.8	(NS)	(NS)	(NS)
Married	Percent	71.7	65.5	64.5	63.9	63.2	(NS)	(NS)	(NS)
Widowed	Percent	8.9	8.0	7.7	7.7	7.8	(NS)	(NS)	(NS)
Divorced	Percent	3.2	6.2	7.0	6.9	7.3	(NS)	(NS)	(NS)
Divorced persons per 1,000 married persons	Rate	47	100	114	114	121	7.8	4.5	6.1
Households, total	Millions	63.4	80.8	83.5	83.9	85.4	2.5	1.3	1.8
Persons per household	Rate	3.14	2.76	2.72	2.73	2.71	−1.3	−0.4	−0.7
Family households	Millions	51.5	59.6	61.0	61.4	62.0	1.5	1.0	1.0
Percent with children [1]	Percent	55.8	52.1	50.8	50.2	50.1	(NS)	(NS)	(NS)
Married couples	Millions	44.7	49.1	49.6	49.9	50.1	0.9	0.5	0.4
Percent with children [1]	Percent	57.1	50.8	49.3	48.8	48.6	(NS)	(NS)	(NS)
Female householder [2]	Millions	5.5	8.7	9.4	9.5	9.9	4.7	2.8	4.3
Percent with children [1]	Percent	52.0	62.6	62.4	60.4	59.8	(NS)	(NS)	(NS)
Nonfamily households	Millions	11.9	21.2	22.5	22.5	23.4	5.9	2.0	3.9
One-person households	Millions	10.9	18.3	19.4	19.3	20.0	5.4	1.7	3.7

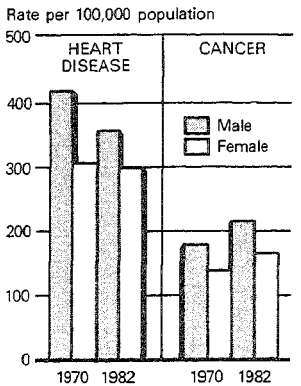
NS Not significant. [1] Own children under 18 years old. [2] No spouse present.

Vital Statistics and Health

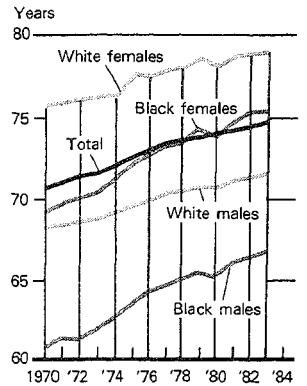
Birth Rate, by Race



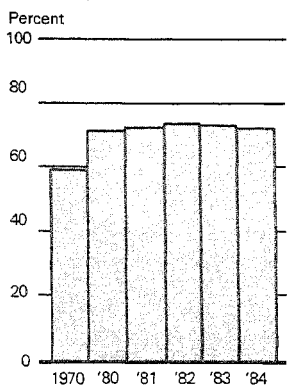
Death Rates, by Cause



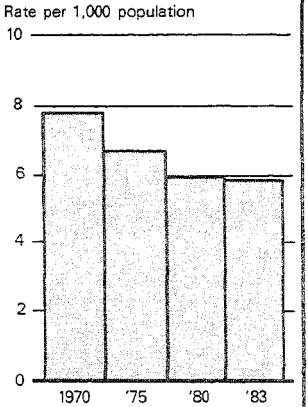
Life Expectancy at Birth



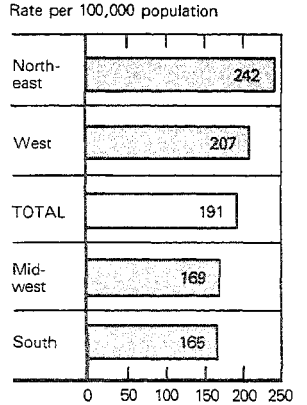
Third Party Payments as Percent of Personal Health Care Expenditures



Hospital Beds



Non-Federal Physicians: 1982

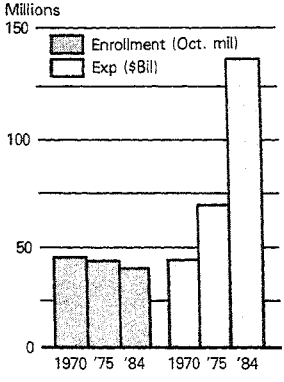


Vital Statistics and Health	Unit of measure	1970	1980	1982	1983	1984	Average annual percent change 1970-80	80-83	83-84
Births	1,000	3,731	3,612	3,681	3,639	3,697	−0.3	0.2	1.6
Deaths	1,000	1,921	1,990	1,975	2,019	2,047	0.4	0.5	1.4
Birth rate per 1,000 population	Rate	18.4	15.9	15.9	15.5	15.7	−1.4	−0.8	1.3
White	Rate	17.4	14.9	14.9	14.6	(NA)	−1.5	−0.7	(NA)
Black	Rate	25.3	22.1	21.4	20.9	(NA)	−1.3	−1.8	(NA)
Death rate per 100,000 population	Rate	945	878	852	863	867	−0.7	−0.6	0.5
Heart disease	Rate	362	336	326	329	(NA)	−0.7	−0.7	(NA)
Cancer	Rate	163	184	187	189	(NA)	1.2	0.9	(NA)
Marriage rate per 1,000 population	Rate	10.6	10.6	10.6	10.5	10.5	–	−0.3	–
Divorce rate per 1,000 population	Rate	3.5	5.2	5.0	5.0	4.9	4.0	−1.3	−2.0
Life expectancy at birth: Male	Years	67.1	70.0	70.9	71.0	71.1	0.4	0.5	0.1
Female	Years	74.7	77.4	78.1	78.1	78.3	0.4	0.3	0.3
Personal health care expenditures [1]	$Bil.	65.4	219.1	284.9	315.2	341.8	12.9	12.9	8.5
Third-party payments	Percent	59.5	71.5	72.9	72.6	72.1	(NS)	(NS)	(NS)
Hospital beds per 1,000 population	Rate	7.9	6.0	5.9	5.8	(NA)	−2.7	−1.1	(NA)
Physicians, active non-Federal	1,000	279	414	439	(NA)	(NA)	4.0	[2] 3.0	(NA)
Rate per 100,000 population	Rate	139	185	191	(NA)	(NA)	2.9	[2] 1.6	(NA)

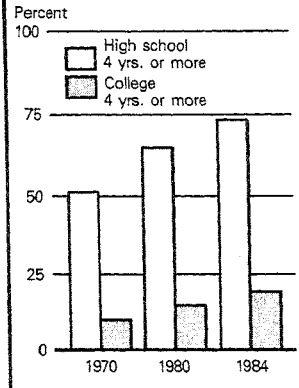
– Represents zero. NA Not available. NS Not significant.
[1] Excludes research, construction, public health activities, and net cost of insurance. [2] Change, 1980-82.

Education and Law Enforcement

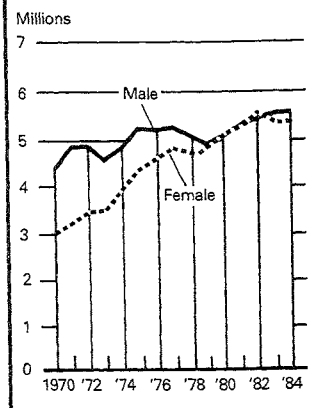
Public School Enrollment and Expenditures[1]



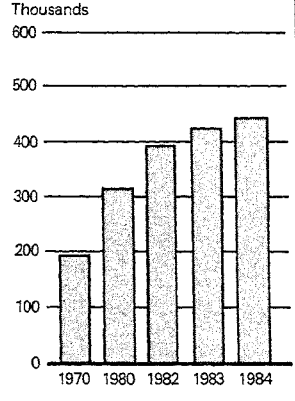
Educational Attainment (Persons 25 yrs. old and over)



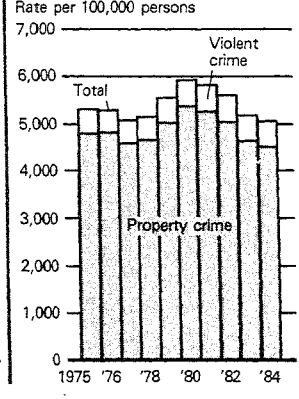
College Enrollment by Sex



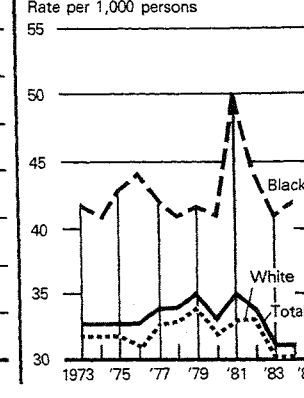
Federal and State Prisoners (Dec.)



Crime Rate



Victimization Rates of Crimes Against Persons

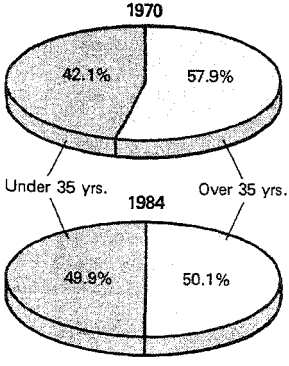


Education and Law Enforcement	Unit of measure	1970	1980	1982	1983	1984	Average annual percent change 1970-80	80-83	83-84
School enrollment [1]	Millions	60.4	57.3	57.9	57.7	57.3	−0.5	0.2	−0.7
Elementary and secondary, public	Millions	46.2	(NA)	40.1	39.7	39.8	(NA)	(NA)	0.2
Elementary and secondary, private	Millions	5.7	(NA)	4.7	4.9	4.3	(NA)	(NA)	−11.5
School expenditure [2]	$Bil.	78.4	179.8	211.0	226.5	240.0	8.7	8.0	6.0
Elementary and secondary, public	$Bil.	46.0	102.5	119.1	127.0	134.5	8.3	7.4	5.9
College enrollment [3]	Millions	7.4	10.2	10.9	10.8	10.9	3.2	2.1	0.3
Percent female	Percent	40.6	50.6	50.5	49.1	49.2	(NS)	(NS)	(NS)
Educational attainment: [4]									
High school, 4 years or more	Percent	52.3	66.5	71.0	72.1	73.3	(NS)	(NS)	(NS)
College, 4 years or more	Percent	10.7	16.2	17.7	18.8	19.1	(NS)	(NS)	(NS)
Crimes, number	1,000	(NA)	13,408	12,974	12,109	11,882	(NA)	−3.3	−1.9
Crime rate per 100,000 population	Rate	(NA)	5,950	5,604	5,175	5,031	(NA)	−4.5	−2.8
Violent (against persons)	Rate	(NA)	597	571	538	539	(NA)	−3.4	0.2
Property	Rate	(NA)	5,353	5,033	4,637	4,492	(NA)	−4.7	−3.1
Criminal victimization rate [5]	Rate	(NA)	33	34	31	(NA)	(NA)	−2.1	(NA)
Prisoners, total	1,000	196	316	396	420	445	4.9	9.9	6.1
Prisoners under sentence of death [6]	Number	575	593	856	1,063	1,202	0.3	21.5	13.1

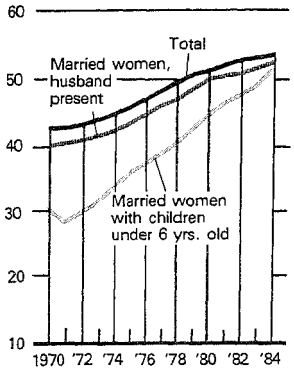
NS Not significant. NA Not available. [1] Kindergarten through 12th grade. [2] For school year ending June the following year.
[3] Persons 14 to 34 years old. [4] For persons 25 years old and over. [5] Rate per 1,000 persons, 12 years old and over.
[6] As of January.

Labor Force and Income

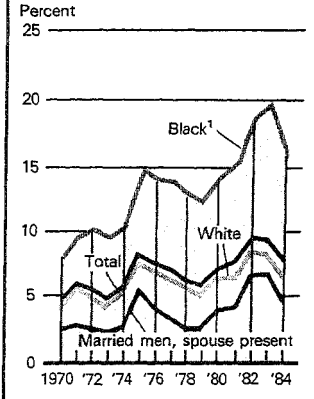
Civilian Labor Force — Age Composition



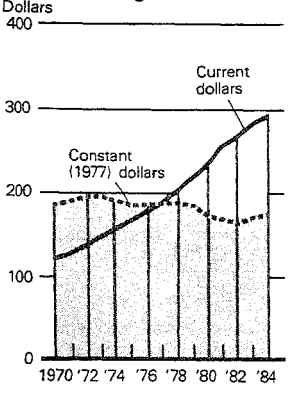
Female Civilian Labor Force — Participation Rate



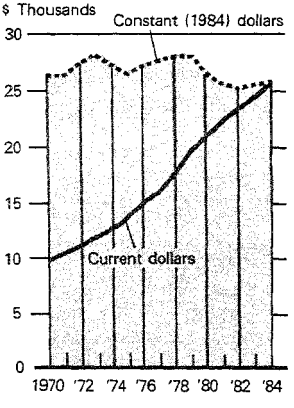
Unemployment Rate



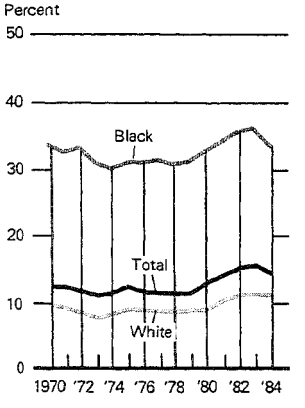
Gross Weekly Earnings — Private Nonagricultural



Median Family Income



Poverty Rate for Persons

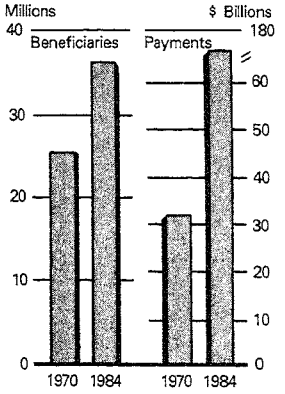


Labor Force and Income	Unit of measure	1970	1980	1982	1983	1984	Average annual percent change 1970-80	80-83	83-84
Labor force, total	Millions	84.9	108.5	111.9	113.2	115.2	2.5	1.4	1.8
Unemployed	Millions	4.1	7.6	10.7	10.7	8.5	6.4	12.0	−20.3
Rate	Percent	4.8	7.0	9.5	9.5	7.4	(NS)	(NS)	(NS)
Civilian labor force	Millions	82.8	106.9	110.2	111.6	113.5	2.6	1.4	1.8
Percent under 35 yrs	Percent	42.2	51.0	50.6	50.2	49.9	(NS)	(NS)	(NS)
Female participation rate	Percent	43.3	51.5	52.6	52.9	53.6	(NS)	(NS)	(NS)
Married wife, husband present	Percent	40.8	50.1	51.2	51.8	52.8	(NS)	(NS)	(NS)
Gross weekly earnings [2]	Dollars	120	235	267	281	294	7.0	6.1	4.8
Constant (1977) dollars	Dollars	187	173	168	171	174	−0.8	−0.3	1.2
Median family income:									
Current dollars	Dollars	9,867	21,023	23,433	24,549	26,433	7.9	5.3	7.7
Constant (1984) dollars	Dollars	26,394	26,500	25,216	25,594	26,433	(Z)	−1.2	3.3
Persons in poverty	Millions	25.4	29.3	34.4	35.5	33.7	1.4	6.6	−5.1
Poverty rate	Percent	12.6	13.0	15.0	15.3	14.4	(NS)	(NS)	(NS)
White	Percent	9.9	10.2	12.0	12.2	11.5	(NS)	(NS)	(NS)
Black	Percent	33.5	32.5	35.6	35.7	33.8	(NS)	(NS)	(NS)

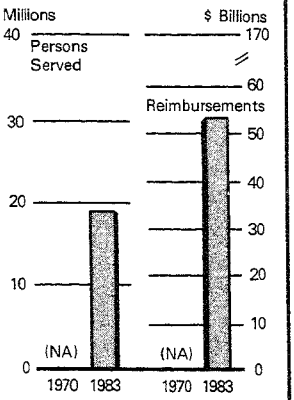
NS Not significant. Z Less than .05 percent. [1] Through 1971, Black and other. [2] Private nonagricultural.

Federal Income Security Programs

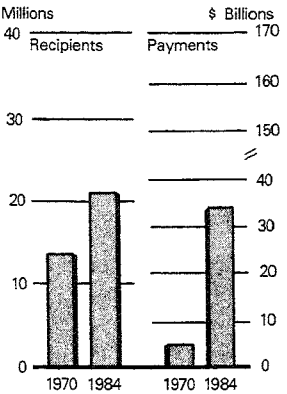
Social Security



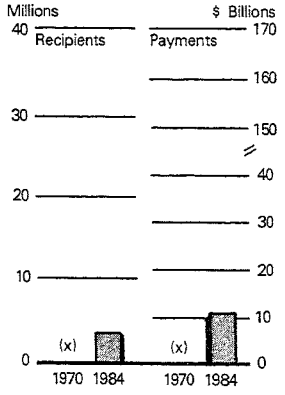
Medicare



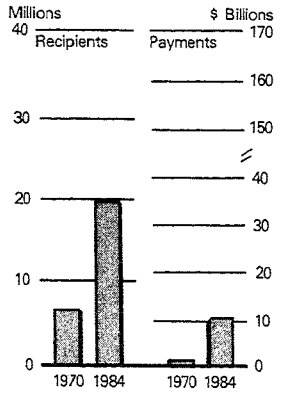
Medicaid



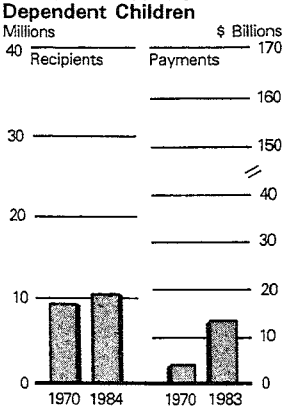
Supplemental Security Income



Food Stamps



Aid to Families with Dependent Children

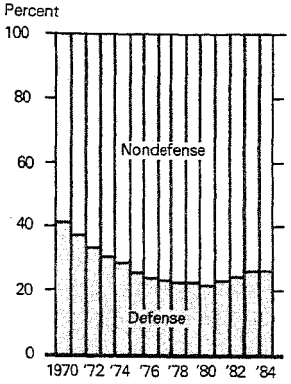


Federal Income Security Programs	Unit of measure	1970	1980	1982	1983	1984	Average annual percent change 1970-80	80-83	83-84
Social Security:									
Recipients	Millions	26.2	35.6	35.8	36.1	36.5	3.1	0.5	1.1
Payments	$Bil.	31.9	120.5	156.1	167.0	175.8	14.2	11.5	5.2
Medicare:									
Recipients [1]	Millions	[2] 9.4	18.0	18.8	19.7	(NA)	[3] 7.5	3.1	(NA)
Payments (reimbursements)	$Bil.	[2] 7.3	33.6	47.7	53.4	(NA)	[3] 18.4	16.7	(NA)
Medicaid:									
Recipients	Millions	14.5	21.6	21.6	21.6	21.2	4.1	−0.1	−1.7
Payments	$Bil.	4.8	23.3	29.4	32.4	34.1	17.1	11.6	5.4
Supplemental Security Income:									
Recipients	Millions	(X)	4.1	3.9	3.9	4.0	(X)	−2.0	3.3
Payments	$Bil.	(X)	7.9	9.0	9.4	10.4	(X)	5.8	10.3
Food Stamps:									
Recipients	Millions	6.5	22.0	20.1	21.1	19.8	13.1	−1.5	−6.2
Payments	$Bil.	0.6	8.7	10.2	11.2	10.7	30.0	8.7	−4.1
Aid to Families with Dependent Children:									
Recipients	Millions	9.7	11.1	10.5	10.9	10.8	1.4	−0.7	−0.9
Payments	$Bil.	4.9	12.5	12.9	13.8	(NA)	9.9	3.5	(NA)

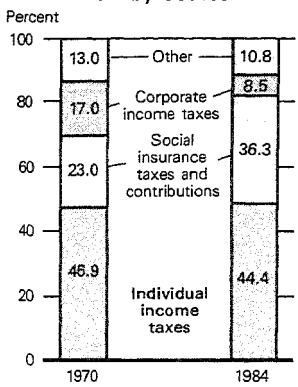
NA Not available. X Not applicable. [1] Represents persons served. [2] 1971 data. [3] Change, 1971-80.

Government, Defense, and Elections

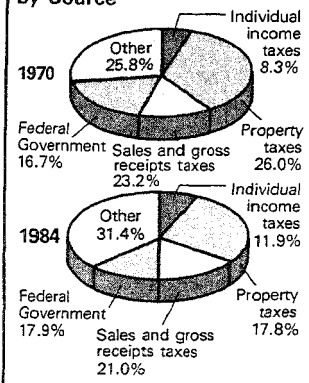
Federal Outlays



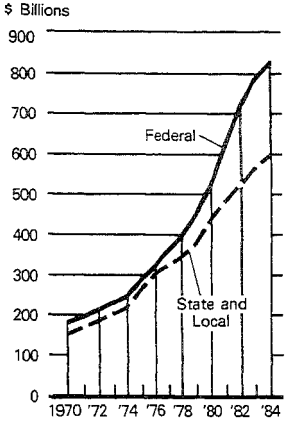
Federal Receipts — Percent Distribution by Source



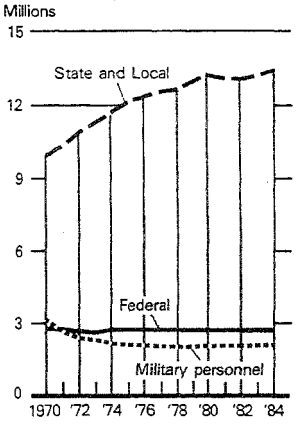
State and Local General Revenue—Percent Distribution by Source



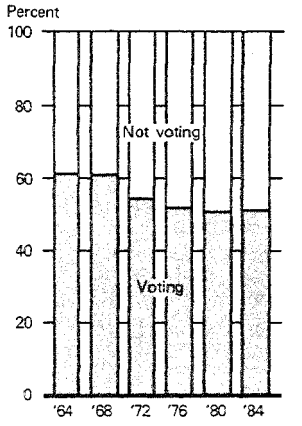
Governmental Direct Expenditures



Government Employment and Military Personnel



Voter Participation in Presidential Elections

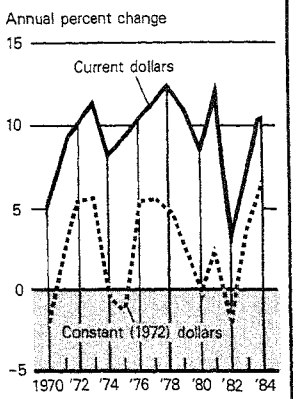


Government, Defense, Elections	Unit of measure	1970	1980	1982	1983	1984	Average annual percent change 1970-80	80-83	83-84
Federal outlays	$Bil.	196	591	746	808	852	11.7	11.0	5.4
Defense	Percent	41.8	22.7	24.9	26.0	26.7	(NS)	(NS)	(NS)
Nondefense	Percent	58.2	77.3	75.1	74.0	73.3	(NS)	(NS)	(NS)
Federal receipts	$Bil.	193	517	618	601	667	10.4	5.1	11.0
Social insurance taxes, contributions	Percent	23.0	30.5	32.6	34.8	36.3	(NS)	(NS)	(NS)
Corporation taxes	Percent	17.0	12.5	8.0	6.2	8.5	(NS)	(NS)	(NS)
Federal debt outstanding	$Bil.	383	914	1,147	1,382	1,577	9.1	14.8	14.1
State and local govt. general revenue	$Bil.	131	382	458	487	543	11.3	8.4	7.8
Percent from Federal govt	Percent	16.7	21.7	19.1	18.5	17.9	(NS)	(NS)	(NS)
Percent from property taxes	Percent	26.0	17.9	17.9	18.3	17.8	(NS)	(NS)	(NS)
State and local govt. direct expenditures	$Bil.	148	432	523	565	599	11.3	9.3	5.9
State and local govt. debt outstanding	$Bil.	144	336	405	455	505	8.9	10.6	11.1
Federal civilian employment	1,000	2,881	2,898	2,848	2,874	2,942	0.1	−0.3	2.4
State and local govt. employment	1,000	10,147	13,315	12,993	13,159	13,494	2.8	−0.4	2.5
Military personnel	1,000	3,066	2,051	2,109	2,123	2,138	−3.9	1.2	0.7
Voter participation in Presidential elections	Percent	[1] 55.2	52.6	(X)	(X)	53.3	(NS)	(NS)	(NS)

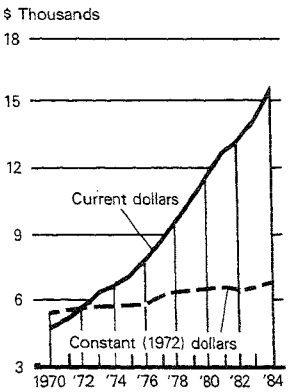
NS Not significant. X Not applicable. [1] 1972 data.

Income and Prices

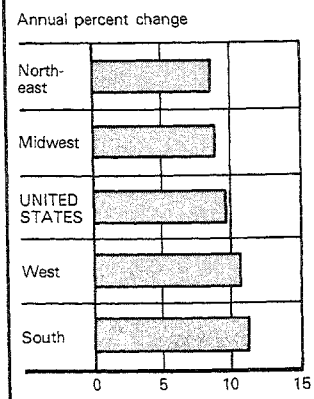
Gross National Product (GNP)



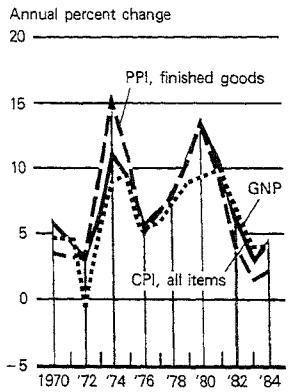
GNP per Capita



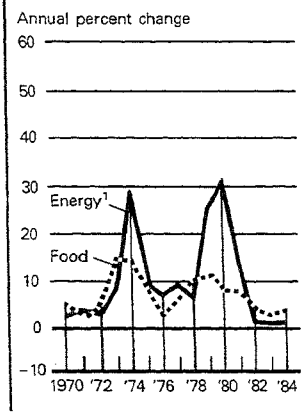
Personal Income: 1970 to 1984



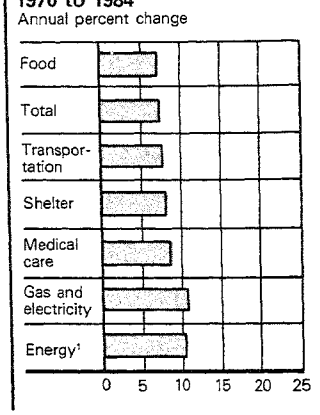
Price Indexes



Energy[1], and Food CPI



Consumer Price Indexes: 1970 to 1984



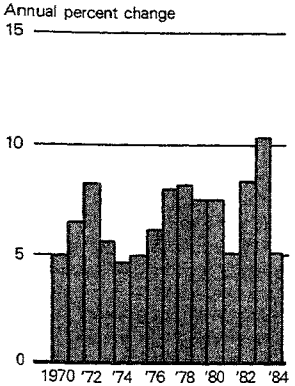
Income and Prices	Unit of measure	1970	1980	1982	1983	1984	Average annual percent change 1970-80	80-83	83-84
Gross national product	$Bil.	993	2,632	3,069	3,305	3,663	10.2	7.9	10.8
National income	$Bil.	811	2,117	2,447	2,647	2,960	10.1	7.7	11.8
Personal income	$Bil.	811	2,165	2,585	2,744	3,012	10.3	8.2	9.8
Disposable personal income	$Bil.	695	1,829	2,181	2,340	2,577	10.2	8.6	10.1
Personal savings	$Bil.	56	110	136	118	156	7.0	2.3	32.2
GNP in constant (1972) dollars	$Bil.	1,086	1,475	1,480	1,535	1,639	3.1	1.3	6.8
Per capita	Dollars	5,293	6,478	6,370	6,543	6,926	2.0	0.3	5.9
GNP implicit price deflator, index	1972=100	91.5	178.4	207.4	215.3	223.4	6.9	6.5	3.8
Producer price index	1967=100	110.4	268.8	299.3	303.1	310.3	9.3	4.1	2.4
Consumer price index	1967=100	116.3	246.8	289.1	298.4	311.1	7.8	6.5	4.3
Food	1967=100	114.9	254.6	285.7	291.7	302.9	8.3	4.6	3.8
Energy [1]	1967=100	107.0	361.1	416.1	419.3	423.6	12.9	5.1	1.0
Medical care	1967=100	120.6	265.9	328.7	357.3	379.5	8.2	10.3	6.2
Transportation	1967=100	112.7	249.7	291.5	298.4	311.7	8.3	6.1	4.5
Rent	1967=100	110.1	191.6	224.0	236.9	249.3	5.7	7.3	5.2

[1] Includes fuel oil, coal, bottled gas, gas (piped), electricity, and motor fuel; 1970-1982 also includes motor oil, coolant, etc.

Business and Finance

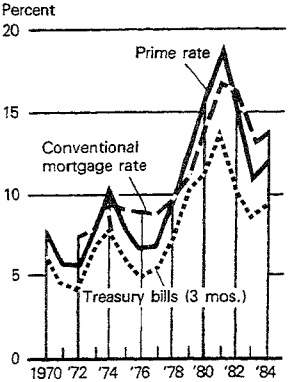
Money Supply-Dec. (M1)

Annual percent change



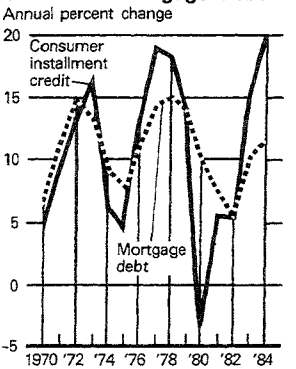
Interest Rates

Percent



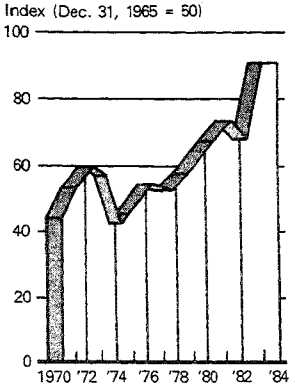
Consumer Installment Credit and Mortgage Debt

Annual percent change



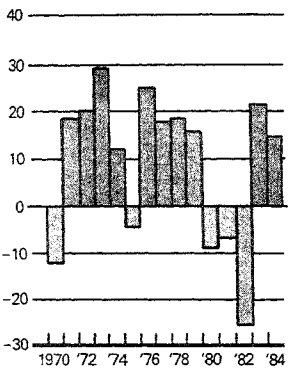
Common Stock Price Index (NYSE)

Index (Dec. 31, 1965 = 50)



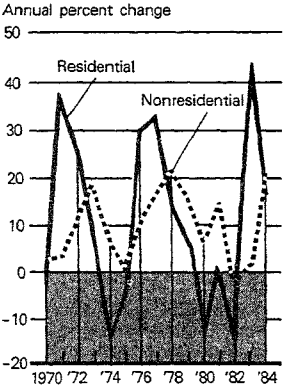
Corporate Profits After Taxes

Annual percent change



Gross Private Domestic Investment

Annual percent change



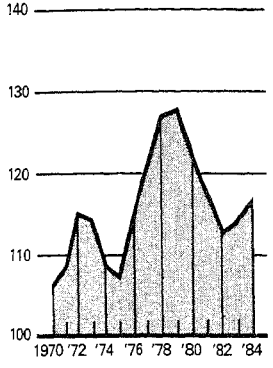
Business and Finance	Unit of measure	1970	1980	1982	1983	1984	Average annual percent change 1970-80	80-83	83-84
Money supply (M1), Dec	$Bil.	217	415	481	528	559	6.7	8.4	5.9
Prime rate charged by banks	Percent	7.9	15.3	14.9	10.8	12.0	(NS)	(NS)	(NS)
Treasury bills, 3-month	Percent	6.4	11.4	10.6	8.6	9.5	(NS)	(NS)	(NS)
Commercial paper, 3-month	Percent	(NA)	12.7	11.9	8.9	10.1	(NA)	(NS)	(NS)
Home mortgages, conventional (new)	Percent	8.5	14.0	15.8	13.4	13.8	(NS)	(NS)	(NS)
Mortgage debt outstanding	$Bil.	474	1,475	1,658	1,828	2,034	12.0	7.4	11.3
NYSE common stock index, Dec. 31	1965=50	45.7	68.1	68.9	92.6	92.5	4.1	10.8	-0.1
Dow Jones industrial (30 stocks)	Index	753	891	884	1,190	1,179	1.7	10.1	-1.0
Corporate profits before taxes	$Bil.	75	235	166	203	236	12.0	-4.7	16.0
Corporate profits after taxes	$Bil.	41	150	105	127	146	13.8	-5.3	14.5
Gross private domestic investments	$Bil.	144	402	415	472	638	10.8	5.5	35.2
Residential, fixed	$Bil.	37	103	91	132	154	10.7	8.7	16.4
Nonresidential, fixed	$Bil.	104	309	350	353	426	11.5	4.6	20.6

NA Not available. NS Not significant.

Commerce

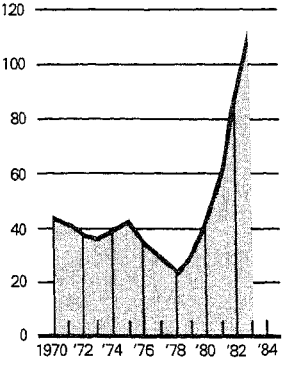
Net Business Formation

Index (1967 = 100)



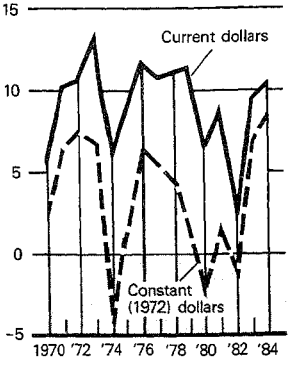
Business Failure Rate

Rate per 10,000 concerns



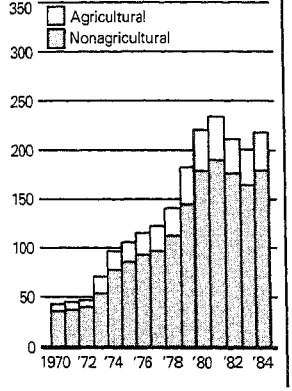
Retail Sales

Annual percent change



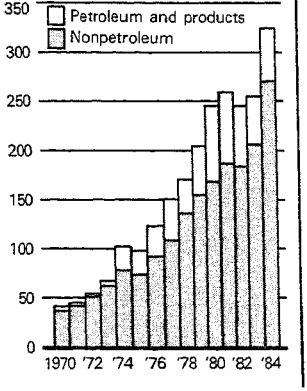
Exports

$ Billions



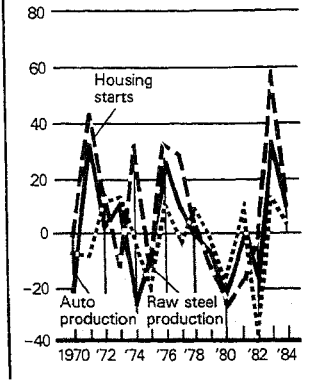
Imports

$ Billions



Auto and Steel Production and Housing Starts

Annual percent change



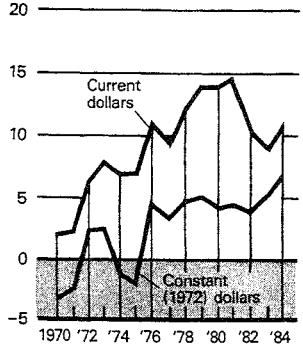
Commerce	Unit of measure	1970	1980	1982	1983	1984	Average annual percent change 1970-80	80-83	83-84
New business incorporations	1,000	264	534	567	600	(NA)	7.3	4.0	(NA)
Business failure rate per 10,000 concerns	Rate	44.0	42.0	88.0	110.0	(NA)	−0.5	37.8	(NA)
Business new capital expenditures	$Bil.	92	283	311	305	354	11.9	2.5	16.0
Net business formation	1967=100	106.4	122.4	113.2	114.8	117.1	1.4	−2.1	2.0
Industrial production index	1977=100	(NA)	109.0	103.0	109.0	122.0	(NA)	-	11.9
Relation of output to capacity [1]	Percent	79.0	79.0	70.0	74.0	81.0	(NS)	(NS)	(NS)
Manufacturing and trade sales [2]	$Bil.	108	328	345	369	412	11.7	4.0	11.7
Retail trade sales: Current dollars	$Bil.	368	960	1,072	1,174	1,297	10.1	6.9	10.5
Constant (1972) dollars	$Bil.	391	534	535	575	624	3.2	2.5	8.5
Domestic exports, total	$Bil.	42	217	207	196	212	17.8	−3.3	8.2
Agriculture	$Bil.	7	41	37	36	38	19.1	−4.4	4.7
General imports	$Bil.	40	245	244	258	326	19.9	1.8	26.2
Petroleum and products	$Bil.	3	78	59	52	56	39.4	−12.3	6.9
Automotive production	Mil. units	6.6	6.4	5.1	6.8	7.8	−0.3	2.1	14.6
Raw steel production	Mil. sh. ton	132	112	75	85	93	−1.6	−8.9	9.3
Housing starts	Mil. units	1.5	1.3	1.1	1.7	1.8	−1.1	9.3	2.5

- Represents zero. NA Not available. NS Not significant. [1] For manufacturing. [2] Average monthly.

Science, Communications & Transportation

Research and Development Outlays

Annual percent change

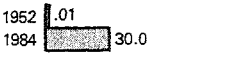


Media

Percent of households with TV sets



Cable TV (mil. subscribers)



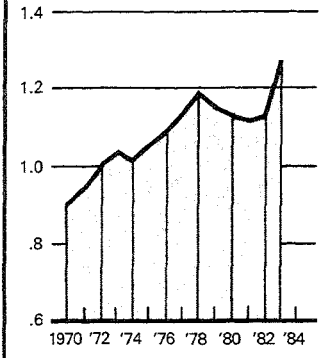
Newspapers* (millions)



*Daily circulation

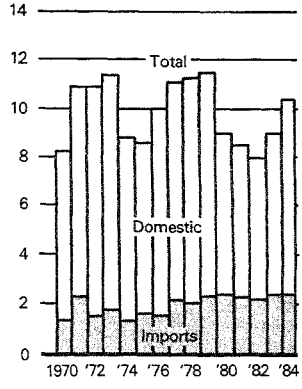
Passenger Cars — Vehicle Miles Traveled[1]

Billions of miles



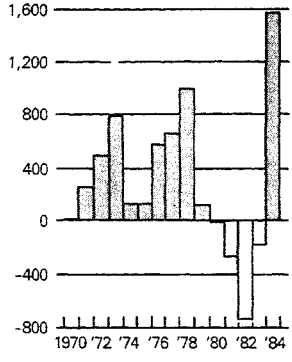
New Auto Sales

Million units



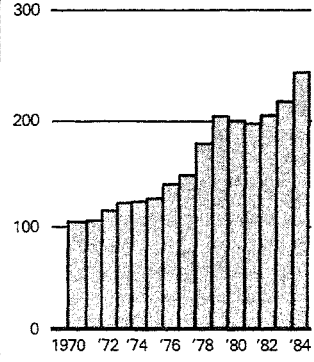
Passenger/Cargo Air Carriers[2] — Net Operating Income

$ Millions



Air Carriers — Domestic Revenue Passenger-Miles Flown

Billions of passengers — miles



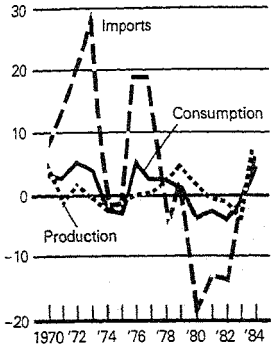
Science, Communication & Transportation	Unit of measure	1970	1980	1982	1983	1984	Average annual percent change 1970-80	80-83	83-84
R&D outlays: Current dollars	$Bil.	26.1	62.6	79.3	86.6	95.9	9.1	11.4	10.8
Constant (1972) dollars	$Bil.	28.6	35.1	38.2	40.1	42.8	2.1	4.5	6.8
Percent of GNP	Percent	2.6	2.4	2.6	2.6	2.6	(NS)	(NS)	(NS)
Daily newspaper circulation	Millions	62.1	62.2	62.5	62.6	63.1	(Z)	0.2	0.8
Households with TV sets	Millions	58.5	76.3	81.5	83.3	83.8	2.7	3.0	0.6
Cable TV subscribers	Millions	4.5	15.5	21.0	25.0	30.0	13.2	17.3	20.0
Passenger car: Registrations[3]	Millions	89.2	121.6	123.7	126.6	130.1	3.1	1.4	2.8
Vehicle miles traveled[1]	Billions	901	1,130	1,192	1,234	(NA)	2.3	3.0	(NA)
Fuel consumed, average per vehicle[1]	Gallons	830	711	686	681	(NA)	−1.5	−1.4	(NA)
New automobile retail sales	Millions	8.4	9.0	8.0	9.2	10.4	0.7	0.7	13.2
Domestic sales	Millions	7.1	6.6	5.8	6.8	8.0	−0.8	1.1	17.0
Import sales	Millions	1.3	2.4	2.2	2.4	2.4	6.4	−0.2	2.2
Railroads, revenue-tons originated	Millions	1,485	1,492	1,269	1,293	1,429	(Z)	−4.7	10.5
Air carriers:[2]									
Revenue-passenger miles flown	Billions	104.1	200.8	210.1	226.9	243.1	6.8	4.2	7.1
Net operating income or loss	$Mil.	3	−6	−750	−171	1,587	(NS)	(NS)	(NS)

NA Not available. NS Not significant. Z Less than .05 percent. [1] Includes taxis and motorcycles. [2] Domestic certificated route carriers. [3] Includes taxis.

Energy and Agriculture

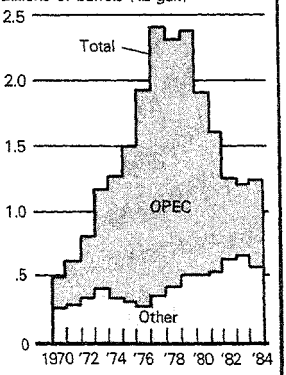
Energy Production, Consumption, and Imports

Annual percent change

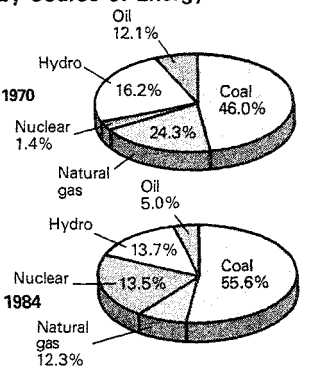


Crude Oil Imports into the U.S.

Billions of barrels (42 gal.)

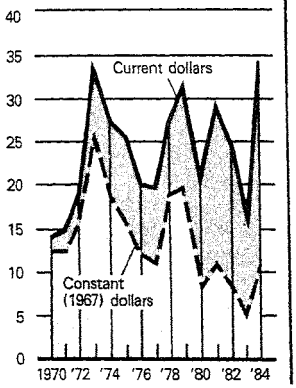


Electric Energy Production, by Source of Energy



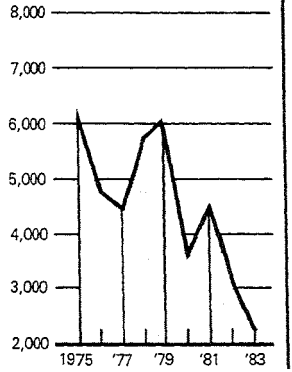
Net Farm Income

$ Billions



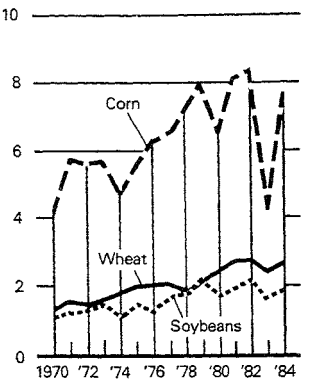
Net Income from Farming per Farm

In constant (1967) dollars



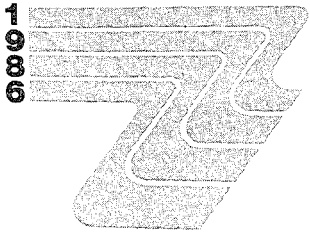
Crop Production

Billion bushels



Energy and Agriculture	Unit of measure	1970	1980	1982	1983	1984	Average annual percent change 1970-80	80-83	83-84
Energy consumption	Quad. Btu.	66.4	76.0	70.8	70.5	73.7	1.4	−2.5	4.5
Energy production	Quad. Btu.	62.1	64.8	63.9	61.2	65.5	0.4	−1.9	7.0
Energy imports	Quad. Btu.	8.4	16.0	12.1	12.0	12.7	6.7	−9.1	5.8
Fossil fuel prices per million Btu's	Dollars	0.32	2.04	2.76	2.70	2.65	20.5	9.8	−2.0
Crude oil production	Mil. bbl.	3,517	3,146	3,157	3,171	3,171	−1.1	0.3	–
Imports	Mil. bbl.	483	1,926	1,273	1,215	1,254	14.8	−14.2	3.2
Electric utility production	Bil. kWh	1,532	2,286	2,241	2,310	2,416	4.1	0.3	4.6
Nuclear	Bil. kWh	22	251	283	294	328	27.6	5.4	11.6
Farms, numbers [1]	1,000	2,949	2,433	2,401	2,370	2,328	(NS)	−0.9	−1.8
Land in farms (acres)	Millions	1,102	1,039	1,028	1,024	1,019	(NS)	−0.5	−0.5
Net farm income: Current dollars	$Bil.	14.4	20.2	24.6	15.0	34.5	3.4	−9.4	130.0
Constant (1967) dollars	$Bil.	12.4	8.2	8.5	5.0	11.1	−4.1	−15.2	122.0
Corn production	Bil. bu.	4.2	6.6	8.2	4.2	7.7	4.8	−14.4	83.8
Wheat production	Bil. bu.	1.4	2.4	2.8	2.4	2.6	5.8	0.5	7.3
Soybean production	Bil. bu.	1.1	1.8	2.2	1.6	1.9	4.8	−4.5	18.8
Red meat production	Bil. lb.	36.2	39.0	37.6	39.3	39.3	0.7	0.3	–

– Represents zero. NS Not significant. [1] 1970 based on 1969 definition; 1980-84 based on 1974 definition.



Section 1

Population

This section presents statistics on the growth, distribution, and characteristics of the U.S. population. The principal source of these data is the Bureau of the Census, which conducts a decennial census of population, a monthly population survey, a program of population estimates and projections, and a number of other periodic surveys relating to population characteristics. For a list of relevant publications, see the Guide to Sources in Appendix IV.

Decennial censuses.—The U.S. Constitution provides for a census of the population every 10 years, primarily to establish a basis for apportionment of members of the House of Representatives among the States. For over a century after the first census in 1790, the census organization was a temporary one, created only for each decennial census. In 1902, the Bureau of the Census was established as a permanent Federal agency, responsible for enumerating the population and also for compiling statistics on other subjects.

The census of population is a complete count. That is, an attempt is made to account for every person, for each person's residence, and for other characteristics (sex, age, family relationships, etc.). Since the 1940 census, in addition to the complete count information, some data have been obtained from representative samples of the population. In the 1980 census, two sampling rates were employed. For most of the country, one in every six households (about 17 percent) received the long form or sample questionnaire; in areas estimated to have fewer than 2,500 inhabitants, every other household (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas. Exact agreement is not to be expected between sample data and the complete census count. Sample data may be used with confidence where large numbers are involved and assumed to indicate trends and relationships where small numbers are involved.

Three different census counts for the resident population in 1970 are shown in the tables: 203,211,926; 203,235,298; and 203,302,031. The first is the initial tabulated count, the second is the official count, and the third contains the latest revisions. Breakdowns of the revised count of 203,302,031 are not available for demographic characteristics and may not be available for some levels of geography.

The complete count data from the 1980 census shown in this edition are, where possible, consistent with figures published in the 1980 census final reports, series PC80-1-A (U.S. population: 226,545,805). In some cases the data are consistent with the latest revisions of the 1980 counts. In other cases the data are consistent with figures published in the 1980 census advance reports, series PHC80-V, (U.S. population: 226,504,825).

Reassessment of the evaluation studies of the 1970 census indicates a total net underenumeration of about 4.7 million persons in 1970, compared with 5.1 million in 1960. Among the persons who were not counted in 1970, about 2.9 million were White and about 1.9 million were Black. The overall rate of net underenumeration in 1970 was about 2.2 percent, compared with 2.7 percent in 1960 and 3.3 percent in 1950. Comparable estimates of net underenumeration for 1980 have not been completely developed. However, preliminary results indicate that overall coverage probably improved in the 1980 census and that the number of Blacks not counted dropped to between 1.3 and 1.5 million. Census data presented here have not been adjusted for underenumeration. See *Estimates of Coverage of Population by Sex, Race, and Age: Demographic Analysis,* PHC(E)-4, February 1974 for a discussion of the 1950, 1960, and original 1970 estimates and *Coverage of the National Population by Age, Sex, and Race in the 1980 Census: Preliminary Estimates by Demographic Analysis (Current Population Reports,* series P-23, No. 115) for the revised 1970 and preliminary 1980 coverage estimates.

Current Population Survey (CPS).—This is a monthly nationwide survey of a scientifically selected sample representing the noninstitutional civilian population. The sample is located in 729 areas comprising approximately 1,200 counties and independent cities with coverage in every State and the District of Columbia and is subject to sampling error. At the present time, about 71,000 housing units or other living quarters are assigned for interview at any time, of which about 60,000 are occupied by households eligible for interview; of these, in turn, about 4 percent are, for various reasons, unavailable for interview.

While the primary purpose of CPS is to obtain monthly statistics on the labor force, it also serves as a vehicle for inquiries on other subjects. Using CPS data, the Bureau issues a series of publications under the general title of Current Population Reports, which cover population characteristics (series P-20), consumer income (series P-60), special studies (series P-23), and other topics.

Estimates of population characteristics based on the 1980 CPS will not necessarily agree with the counts from the 1980 census because the CPS and the 1980 census used different procedures for collecting and processing the data for racial groups, the Spanish origin population, and other topics. Caution should also be used when comparing estimates for 1980 and later, (for education data, 1981 and later), which reflect 1980 census-based population controls to those for 1971 through 1979 (for education, to 1980), which reflect 1970 census-based population controls. This change in population controls had relatively little impact on derived measures such as means, medians, and percent distribution, but did have a significant impact on levels. For example, use of 1980-based population controls resulted in about a 2-percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for 1980 and later will differ from those for earlier years by more than what could be attributed to actual changes in the population and these differences could be disproportionately greater for subpopulation groups than for the total population.

Population estimates and projections.—National population estimates are derived by using decennial census data as benchmarks and data available from various agencies as follows: Births and deaths (National Center for Health Statistics); immigrants (Immigration and Naturalization Service); Armed Forces (Department of Defense and Department of Transportation) net movement between Puerto Rico and the U.S. mainland (Puerto Rico Planning Board); and Federal employees abroad (Office of Personnel Management and Department of Defense). Estimates for States and smaller areas are based on data series such as births and deaths, school statistics from State departments of education and parochial school systems, and Federal income tax returns. Current population projections for States for 1990 and 2000 are consistent with counts shown in 1980 census advance reports, series PHC80-V. Current population estimates and national projections are consistent with counts shown in 1980 census final reports, series PC80-1-A.

The estimates of the components of change shown for intercensal periods for States include a residual net migration plus the "error of closure," the unexplained difference between the estimated population at the end of the decade and the census count for that date. The error of closure at the national level was quite small during the 1950's (3,000) and 1960's (379,000). However, for the 1970's it amounts to almost 5 million.

National population projections indicate the approximate future level and characteristics of the population under given assumptions as to future fertility, mortality, and net immigration. The method used to develop the projections involves preparation of projections of each of the components of population change—births, deaths, and net immigration—and the combination of these with July 1 estimates of the current population. Projections for States incorporate further assumptions about the redistribution of population as a consequence of internal migration.

Population estimates and projections are published in the P-25 and P-26 series of *Current Population Reports*. These estimates and projections are generally consistent with official decennial census figures and do not reflect the amount of estimated census underenumeration. For details on methodology, see the sources cited below the individual tables.

Metropolitan Statistical Areas (MSA's), Consolidated Metropolitan Statistical Areas (CMSA's), and Primary Metropolitan Statistical Areas (PMSA's).—The general concept of an MSA is one of a large population nucleus together with adjacent communities which have a high degree of social and economic integration with that nucleus. CMSA's are large metropolitan complexes within which individual components, designated as PMSA's, have been defined. MSA's, CMSA's, and PMSA's are defined by the Office of Management and Budget as a standard for Federal agencies in the preparation and publication of statistics relating to metropolitan areas. The new terms MSA, CMSA, and PMSA went into effect June 30, 1983, replacing the previous terms SMSA (standard metropolitan statistical area) and SCSA (standard consolidated statistical area). The entire territory of the United States is classified as metropolitan (inside MSA's or CMSA's) or nonmetropolitan (outside MSA's or CMSA's). MSA's, CMSA's, and PMSA's are defined in terms of entire counties except in New England, where the definitions are in terms of cities and towns. To summarize data for New England that are available only by counties, New England County Metropolitan Areas (NECMA's) have been defined as a convenience for data users. From time to time, new metropolitan areas are created and the boundaries of others change. As a result, data for metropolitan areas over time may not be comparable and the analysis of historical trends must be made cautiously. For descriptive details, tables showing changes in metropolitan area definitions, and a listing of area titles and components of each metropolitan area, see Appendix II.

Urban and rural.—According to the 1980 census definition, the urban population comprises all persons living in (a) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those persons living in the rural portions of extended cities (places with low population density in one or more large parts of their area); (b) census designated places (previously termed unincorporated) of 2,500 or more inhabitants; and (c) other territory, incorporated or unincorporated, included in urbanized areas. An urbanized area consists of a central city or a central core, together with contiguous closely settled territory, that combined have a total population of at least 50,000.

In censuses prior to 1950, the urban population comprised all persons living in incorporated places of 2,500 or more inhabitants and areas (usually minor civil divisions) classified as urban under special rules relating to population size and density. To improve its measure of the urban population, the Bureau of the Census in 1950 adopted the concept of the urbanized area and delineated boundaries for unincorporated places. The 1950 definition has continued substantially unchanged, except for minor modifications in 1960, the introduction of the extended city concept in 1970, and changes in the criteria for defining urbanized areas for 1980 so as to permit such areas to be defined around smaller centers. In all definitions, the population not classified as urban constitutes the rural population.

Residence.—In determining residence, the Bureau of the Census counts each person as an inhabitant of a usual place of residence (i.e., the place where one usually eats and sleeps). While this place is not necessarily a person's legal residence or voting residence, the use of these different bases of classification would produce the same results in the vast majority of cases.

Race.—In the 1980 census, 15 groups were listed in the race item on the 1980 census questionnaire: White, Black, American Indian, Eskimo, Aleut, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, Guamanian, and Other. The concept of race as used by the Census Bureau does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification by respondents, the data represent self-classification by people according to the race with which they identify.

In 1980, if persons of mixed racial parentage could not provide a single response to the race question, the race of the person's mother was used; however, if a single response could not be provided for the mother, then the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The 1980 population totals for "White" and "Other" are not comparable with corresponding figures from previous censuses. The lack of comparability is due to changes in the way some respondents reported their race as well as changes in 1980 census procedures related to the racial classification. (For a fuller explanation, see *1980 Census of Population, Volume I, General Population Characteristics* (PC80-1-B).)

Estimates of the population by race for April 1, 1980 (shown in tables 27 and 28) are modified counts and are not comparable to the 1980 census race categories. These estimates were computed using 1980 census data by race which had been modified to be consistent with the race categories used in the reporting of vital statistics by the U.S. National Center for Health Statistics. A detailed explanation of the race modification procedure appears in *Current Population Reports,* series P-25, No. 917.

In the Current Population Survey (CPS) and other household sample surveys in which data are obtained through personal interview, respondents are asked to classify their race as 1) White, 2) Black, 3) American Indian, Aleut, or Eskimo, or 4) Asian or Pacific Islander. The procedures for classifying persons of mixed races who could not provide a single response to the race question are generally similar to those used in the 1980 census. For comments on comparability of 1980 CPS and census data, see section above on Current Population Survey.

Spanish origin.—In the 1980 census, the Bureau of the Census collected data on the Spanish origin population in the United States by using a self-identification question. Persons of Spanish/Hispanic origin or descent are those who classified themselves in one of the specific Spanish origin categories listed on the questionnaire—Mexican, Puerto Rican, Cuban, or Other Spanish/Hispanic origin. The 1980 figures on Spanish origin are not directly comparable with 1970 census data on Spanish origin because of factors such as overall improvements in the 1980 census and improved question design. Also, it should be noted that persons of Spanish origin may be of any race.

In the Current Population Survey (CPS), information on persons of Spanish origin was gathered by using a self-identification question. Persons classified themselves in one of the Spanish origin categories in response to the question: "What is the origin or descent of each person in this household?" Persons of Spanish origin in the CPS were persons who reported themselves as Mexican-American, Chicano, Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish origin.

Ancestry.—Information on ancestry (ethnicity) was collected in the 1980 Census of Population. The ancestry question was open-ended (that is, no prelisted categories were provided) and was worded "What is this person's ancestry?" Persons were asked to report their ancestry group(s) based on self-identification. Ancestry refers to the nationality group, lineage, descent, or the country in which the person or person's parents or ancestors were born before their arrival in the United States. Thus, persons reported their ancestry group(s) regardless of the number of generations removed from their country of origin. Responses to the ancestry question reflect ethnic group(s) with which persons identified but did not necessarily indicate the degree of attachment or association the person had with the particular ethnic group(s).

Nativity.—The native population consists of all persons born in the U.S., Puerto Rico, or an outlying area of the U.S. It also includes persons born at sea or in a foreign country who have at least one American parent. All others are classified as "foreign born."

Mobility status.—The U.S. population is classified according to mobility status on the basis of a comparison between the place of residence of each individual at the time of the survey or census and the place of residence at a specified earlier date. Nonmovers are all persons who were living in the same house or apartment at the end of the period as at the beginning of the period. Movers are all persons who were living in a different house at the end of the period from that in which they were living at the beginning of the period. Movers from abroad include all persons, either citizens or aliens, whose place of residence was outside the U.S. at the beginning of the period; that is, in Puerto Rico, an outlying area under the jurisdiction of the U.S., or a foreign country.

Living arrangements.—Living arrangements may be in households or in group quarters. A "household" comprises all persons who occupy a "housing unit," that is, a house, an apartment or other group of rooms, or a single room that constitutes "separate living quarters." A household includes the related family members and all the unrelated persons, if any, such as lodgers, foster children, wards, or employees who share the housing unit. A person living alone or a group of unrelated persons sharing the same housing unit as partners is also counted as a household. See text, section 28, Construction and Housing, for definition of "housing unit."

All persons not living in households are classified as living in group quarters. These individuals may be institutionalized, e.g., under care or custody in juvenile facilities, jails, correctional centers, hospitals, or rest homes; or they may be residents in college dormitories, military barracks, rooming houses, etc. (see table 73).

Householder.—Beginning in 1980, the terms "householder" and "family householder" have been used in the presentation of data that had previously been presented with the designations "head of household" and "head of family". The householder is the first adult household member listed on the questionnaire. The instructions call for listing first the person (or one of the persons) in whose name the home is owned or rented. If a home is owned or rented jointly by a married couple, either the husband or the wife may be listed first. Prior to 1980, the husband was always considered the household head (householder) in married-couple households.

Family.—The term "family" refers to a group of two or more persons related by birth, marriage, or adoption and residing together in a household. A family includes among its members the person or couple who maintains the household.

Subfamily.—Subfamilies are divided into "related" and "unrelated" subfamilies. A related subfamily consists of a married couple and their children, if any, or one parent with one or more never married children under 18 years old living in a household and related to, but not including, the person or couple who maintains the household. Members of a related subfamily are also members of the family with whom they live. The number of related subfamilies, therefore, is not included in the number of families. An unrelated subfamily comprises two or more persons such as guests, lodgers, or resident employees who are related to each other but not to the person or couple who maintains the household in which they live.

Married couple.—A "married couple" is defined as a husband and wife living together in the same household, with or without children and other relatives.

Unrelated individuals.—"Unrelated individuals" refers to persons (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be a nonfamily householder who lives alone or with nonrelatives only or a secondary individual such as a guest, lodger, or resident employee who is not related to any other persons in the household. Persons in group quarters, except inmates of institutions, are classified as secondary individuals.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986.* For cross-references, see Appendix VI.

No. 1. Population and Area: 1790 to 1980

[Area figures represent area on indicated date including in some cases considerable areas not then organized or settled, and not covered by the census. Total area figures for 1790–1970 have been recalculated on the basis of the remeasurement of States and counties for the 1980 census. The land and water area figures for past censuses have not been adjusted and are not strictly comparable with the total area data for comparable dates because the land areas were derived from different base data, and these values are known to have changed with the construction of reservoirs, draining of lakes, etc. Density figures are based on land area measurements as reported in earlier censuses. For additional area data, see tables 3 and 327]

CENSUS DATE	RESIDENT POPULATION				AREA (square miles)		
	Number	Per square mile of land area	Increase over preceding census		Gross	Land	Water
			Number	Percent			
CONTERMINOUS U.S. [1]							
1790 (Aug. 2)	3,929,214	4.5	(X)	(X)	891,364	864,746	24,065
1800 (Aug. 4)	5,308,483	6.1	1,379,269	35.1	891,364	864,746	24,065
1810 (Aug. 6)	7,239,881	4.3	1,931,398	36.4	1,722,685	1,681,828	34,175
1820 (Aug. 7)	9,638,453	5.5	2,398,572	33.1	1,792,552	1,749,462	38,544
1830 (June 1)	12,866,020	7.4	3,227,567	33.5	1,792,552	1,749,462	38,544
1840 (June 1)	17,069,453	9.8	4,203,433	32.7	1,792,552	1,749,462	38,544
1850 (June 1)	23,191,876	7.9	6,122,423	35.9	2,991,655	2,940,042	52,705
1860 (June 1)	31,443,321	10.6	8,251,445	35.6	3,021,295	2,969,640	52,747
1870 (June 1)	[2]39,818,449	[2]13.4	8,375,128	26.6	3,021,295	2,969,640	52,747
1880 (June 1)	50,155,783	16.9	10,337,334	26.0	3,021,295	2,969,640	52,747
1890 (June 1)	62,947,714	21.2	12,791,931	25.5	3,021,295	2,969,640	52,747
1900 (June 1)	75,994,575	25.6	13,046,861	20.7	3,021,295	2,969,894	52,553
1910 (Apr. 15)	91,972,266	31.0	15,977,691	21.0	3,021,295	2,969,565	52,822
1920 (Jan. 1)	105,710,620	35.6	13,738,354	14.9	3,021,295	2,969,451	52,936
1930 (Apr. 1)	122,775,046	41.2	17,064,426	16.1	3,021,295	2,977,128	45,259
1940 (Apr. 1)	131,669,275	44.2	8,894,229	7.2	3,021,295	2,977,128	45,259
1950 (Apr. 1)	150,697,361	50.7	19,028,086	14.5	3,021,295	2,974,726	47,661
1960 (Apr. 1)	178,464,236	60.1	27,766,875	18.4	3,021,295	2,968,054	54,207
UNITED STATES							
1950 (Apr. 1)	151,325,798	42.6	19,161,229	14.5	3,618,770	3,552,206	63,005
1960 (Apr. 1)	179,323,175	50.6	27,997,377	18.5	3,618,770	3,540,911	74,212
1970 (Apr. 1)	[3]203,302,031	[3]57.4	23,978,856	13.4	3,618,770	[3]3,540,023	[3]78,444
1980 (Apr. 1)	226,545,805	64.0	23,243,774	11.4	3,618,770	3,539,289	79,481

X Not applicable. [1] Excludes Alaska and Hawaii. [2] Revised to include adjustments for underenumeration in Southern States; unrevised number is 38,558,371 (13.0 per square mile). [3] Figures corrected after 1970 final reports were issued.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1920* to *1980*, vol. I; and other reports and unpublished data. See also *Areas of the United States, 1940*, and *Area Measurement Reports, 1960*, series GE–20, No. 1.

No. 2. Population: 1900 to 1985

[**In thousands, except percent.** Estimates as of **July 1.** Prior to 1940, excludes Alaska and Hawaii. Total population includes Armed Forces abroad; civilian population excludes Armed Forces. See text, p. 2, for basis of estimates. See also *Historical Statistics, Colonial Times to 1970*, series A 6–8]

YEAR	Resident population	YEAR	TOTAL		Resident population	Civilian population	YEAR	TOTAL		Resident population	Civilian population
			Population	Percent change				Population	Percent change		
1900	76,094	1950	152,271	1.7	151,868	150,790	1968	200,706	1.0	199,399	197,113
1905	83,822	1951	154,878	1.7	153,982	151,599	1969	202,677	1.0	201,385	199,145
1910	92,407	1952	157,553	1.7	156,393	153,892	1970	205,052	1.2	203,984	201,895
1915	100,546	1953	160,184	1.7	158,956	156,595	1971	207,661	1.3	206,827	204,866
1920	106,461	1954	163,026	1.8	161,884	159,695	1972	209,896	1.1	209,284	207,511
1925	115,829	1955	165,931	1.8	165,069	162,967	1973	211,909	1.0	211,357	209,600
1930	123,077	1956	168,903	1.8	168,088	166,055	1974	213,854	.9	213,342	211,636
1935	127,250	1957	171,984	1.8	171,187	169,110	1975	215,973	1.0	215,465	213,788
1940	132,457	1958	174,882	1.7	174,149	172,226	1976	218,035	1.0	217,563	215,894
1941	133,669	1959	177,830	1.7	177,135	175,277	1977	220,239	1.0	219,760	218,106
1942	134,617	1960	180,671	1.6	179,979	178,140	1978	222,585	1.1	222,095	220,467
1943	135,107	1961	183,691	1.7	182,992	181,143	1979	225,055	1.1	224,567	222,969
1944	133,915	1962	186,538	1.5	185,771	183,677	1980	227,738	1.2	227,236	225,632
1945	133,434	1963	189,242	1.4	188,483	186,493	1981	230,043	1.0	229,542	227,894
1946	140,686	1964	191,889	1.4	191,141	189,141	1982	232,345	1.0	231,822	230,152
1947	144,083	1965	194,303	1.3	193,526	191,605	1983	234,538	.9	234,023	232,327
1948	146,730	1966	196,560	1.2	195,576	193,420	1984	236,681	.9	236,158	234,443
1949	149,304	1967	198,712	1.1	197,457	195,264	1985	238,816	.9	238,291	236,569

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–25, Nos. 802 and 975.

No. 3. Population and Area—United States and Outlying Areas: 1960 to 1980

[For area of individual States, see table 334. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series A 9–22 and J 1–2]

Area	Resident population				Gross area (land and water), 1980 (sq. mi.)
	1960 (April 1)	1970 (April 1)	1980 (April 1)	Percent change, 1970–80	
Total	**183,285,009**	**208,066,557**	**231,106,727**	**11.1**	**3,623,461**
United States	179,323,175	203,302,031	226,545,805	11.4	3,618,770
Puerto Rico [1]	2,349,544	2,712,033	3,196,520	17.9	3,515
Outlying areas	[2] 237,869	[2] 314,657	368,856	17.2	1,176
Territories [3]	[4] 123,151	[4] 179,519	235,927	31.4	459
Guam	67,044	84,996	105,979	24.7	209
Virgin Islands of the U.S.	32,099	62,468	96,569	54.6	132
American Samoa	20,051	27,159	32,297	18.9	77
Trust Territory of the Pacific Islands [5]	[6] 62,434	81,300	[7] 116,149	42.9	[8] 533
Northern Mariana Islands [5]	[6] 8,290	9,640	16,780	74.1	184
U.S. population abroad [9]	1,374,421	1,737,836	995,546	(X)	(X)
Federal employees	647,730	1,114,224	562,962	–49.5	(X)
Armed Forces	609,720	[10] 1,057,776	[10] 515,408	–51.3	(X)
Civilians	38,010	56,448	[11] 47,554	–15.8	(X)
Dependents of Federal employees	506,393	371,366	[10] 432,584	16.5	(X)
Crews of merchant vessels	32,464	15,910	(NA)	(X)	(X)
Other citizens	[12] 187,834	[12] 236,336	(NA)	(X)	(X)

NA Not available. X Not applicable. [1] Puerto Rico was ceded to the United States by Spain in 1898. On July 25, 1952, pursuant to acts of Congress, it achieved the political status of the Commonwealth of Puerto Rico. [2] Includes population of Canal Zone (1960, 42,122; 1970, 44,198) and, for 1960 only, Corn Islands (1,872), not shown separately. Treaty of 1978 with Republic of Panama ended U.S. jurisdiction over Canal Zone on Oct. 1, 1979. Lease of Corn Islands from Republic of Nicaragua was terminated in 1971. [3] Includes Midway, Wake, Canton and Enderbury Islands, and Johnston Atoll, not shown separately; see section 32. Jurisdiction over Canton and Enderbury Islands was relinquished to Kiribati in 1979, pending approval by the U.S. Senate, but the islands were included in the 1980 census. Area data also include uninhabited areas of Navassa, Baker, Howland, Jarvis, and Palmyra. [4] Includes population of Swan Islands (1960, 28; 1970, 22), not shown separately. Pursuant to treaty in 1972, jurisdiction of the Swan Islands was transferred to Honduras. [5] Administered by United States since July 18, 1947, under United Nations Trusteeship system. Northern Mariana Islands is legally part of Trust Territory of the Pacific Islands, but both are recognized as separate entities for census purposes. [6] Census of 1958 conducted by the Office of the High Commissioner, Trust Territory of the Pacific Islands. [7] Census conducted on September 15, 1980. [8] Comprises land area only. [9] Excludes U.S. citizens temporarily abroad on private business, travel, etc. Such persons were enumerated at their usual place of residence in the United States as absent members of their own households. [10] Based partially on tabulations provided by U.S. Department of Defense. [11] Based on data supplied by U.S. Office of Personnel Management. [12] Represents U.S. citizens abroad for extended periods. Since this population was enumerated on a voluntary basis, its coverage is probably less complete than that of other categories of Americans abroad.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, and *1980 Census of Population*, vol. 1, chapter A (PC80–1–A).

No. 4. U.S. Population Abroad, by Selected Country: 1985

[**In thousands.** As of **April 18.** Covers private U.S. citizens residing in foreign countries, Dept. of Defense noncombatant employees, other U.S. Government employees, dependents of U.S. military and civilian employees, tourists, and third country host nationals and relatives]

Country	Number	Country	Number	Country	Number
Total [1]	3,978.9	France	92.3	Norway	27.3
Antigua and Barbuda	10.6	Germany, Fed. Rep	510.4	Panama	48.9
Argentina	19.1	Greece	82.9	Peru	14.5
Australia	64.0	Haiti	12.8	Philippines	83.1
Austria	20.5	Honduras	12.2	Portugal	33.3
Bahamas, The	74.1	Hong Kong	120.5	Saudi Arabia	86.7
Bahrain	16.7	India	10.1	Singapore	10.1
Belgium	25.8	Ireland	36.8	South Africa	14.0
Bermuda	12.0	Israel	62.4	Spain	79.2
Brazil	68.9	Italy	166.6	Sweden	12.0
Canada	546.5	Jamaica	17.9	Switzerland	37.0
China: Taiwan	67.1	Japan	112.7	Thailand	14.2
Colombia	31.1	Jerusalem	36.8	Trinidad and Tobago	18.0
Costa Rica	24.4	Korea, Rep. of	45.9	Turkey	16.5
Denmark	11.8	Mexico	497.2	United Arab Emirates	56.9
Dominican Republic	60.8	Morocco	34.7	United Kingdom	176.9
Ecuador	14.3	Netherlands	25.6	Venezuela	34.2
Egypt	16.0	New Zealand	15.2	Yugoslavia	10.7

[1] Includes other countries not shown separately.

Source: U.S. Dept. of State, unpublished data.

No. 5. Estimated Components of Population Change, 1940 to 1984, and Projections, 1985 to 2000

[Projections are for middle series (series 14), see headnote, table 6 for explanation of assumptions. See text, p. 2 for explanation of methodology. For explanation of annual average percent change, see Guide to Tabular Presentation]

Year or period	Total (Jan. 1–Dec. 31)						Rate per 1,000 midyear population				
	Population at start of period (1,000)	Net increase[1]		Natural increase		Net civilian immigration (1,000)	Net growth rate[1]	Natural increase			Net civilian immigration rate
		Total (1,000)	Percent[2]	Births[3] (1,000)	Deaths[4] (1,000)			Total	Birth rate[3]	Death rate[4]	
1940	132,054	1,221	.9	2,570	1,432	77	9.2	8.6	19.4	10.8	.6
1945	139,767	1,462	1.1	2,873	1,549	162	10.4	9.4	20.5	11.0	1.2
1950	151,135	2,486	1.7	3,645	1,468	299	16.3	14.3	23.9	9.6	2.0
1955	164,588	2,925	1.8	4,128	1,537	337	17.6	15.6	24.9	9.3	2.0
1960	179,386	2,901	1.6	4,307	1,708	327	16.1	14.4	23.8	9.5	1.8
1965	193,223	2,315	1.2	3,801	1,830	373	11.9	10.1	19.6	9.4	1.9
1970	203,849	2,617	1.3	3,739	1,927	438	12.8	8.8	18.2	9.4	2.1
1975	214,931	2,165	1.0	3,144	1,894	449	10.0	5.8	14.6	8.8	2.1
1976	217,095	2,084	1.0	3,168	1,910	353	9.6	5.6	14.5	8.8	1.6
1977	219,179	2,298	1.0	3,327	1,900	394	10.4	6.5	15.1	8.6	1.8
1978	221,477	2,403	1.1	3,333	1,928	508	10.8	6.3	15.0	8.7	2.3
1979	223,880	2,564	1.1	3,494	1,914	539	11.4	7.0	15.5	8.5	2.4
1980	226,451	2,525	1.1	3,612	1,990	788	11.1	7.1	15.9	8.7	3.5
1981	228,976	2,295	1.0	3,629	1,979	642	10.0	7.2	15.8	8.6	2.8
1982	231,271	2,257	1.0	3,681	1,986	562	9.7	7.3	15.8	8.5	2.4
1983	233,529	2,142	.9	3,618	2,014	539	9.1	6.8	15.4	8.6	2.3
1984	235,671	2,169	.9	3,690	2,046	523	9.2	6.9	15.6	8.6	2.2
Projections:											
1985	237,523	2,220	.9	3,626	2,056	450	9.3	7.4	16.0	8.6	1.9
1986	239,743	2,227	.9	3,655	2,078	450	9.2	7.4	16.0	8.6	1.9
1987	241,970	2,223	.9	3,673	2,100	450	9.1	7.3	15.9	8.6	1.9
1988	244,193	2,207	.9	3,679	2,122	450	9.0	7.2	15.8	8.7	1.8
1989	246,400	2,178	.9	3,671	2,144	450	8.8	7.0	15.6	8.7	1.8
1990	248,577	2,134	.9	3,649	2,165	450	8.5	6.7	15.4	8.7	1.8
1995	258,637	1,812	.7	3,628	2,266	450	7.0	5.2	14.0	8.7	1.7
2000	267,158	1,582	.6	3,495	2,363	450	5.9	4.2	13.0	8.8	1.7
	Annual averages										
1940–1944	132,054	1,543	1.1	2,872	1,468	114	11.4	10.4	21.2	10.8	.8
1945–1949	139,767	2,274	1.6	3,491	1,464	231	15.7	14.0	24.1	10.1	1.6
1950–1954	151,135	2,690	1.7	3,902	1,500	285	17.1	15.2	24.8	9.5	1.8
1955–1959	164,588	2,960	1.7	4,259	1,614	316	17.2	15.4	24.8	9.4	1.8
1960–1964	179,386	2,767	1.5	4,210	1,757	346	14.9	13.2	22.6	9.4	1.9
1965–1969	193,223	2,125	1.1	3,628	1,888	419	10.7	8.7	18.3	9.5	2.1
1970–1974	203,849	2,126	1.1	3,370	1,946	359	10.6	6.8	16.1	9.3	1.7
1975–1979	214,931	2,303	1.0	3,288	1,908	441	10.4	6.3	14.9	8.7	2.0
1980–1984	226,451	2,278	1.0	3,646	2,003	611	9.8	7.1	15.7	8.6	2.6

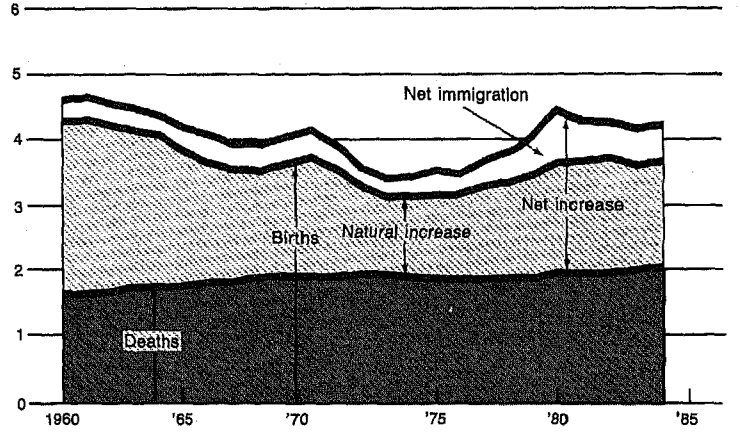
[1] Includes overseas admissions into, less discharges from, Armed Forces and includes for 1940–1980 "error of closure" (the amount necessary to make the components of change add to the net change between censuses), for which figures are not shown separately. [2] Percent of population at beginning of period. [3] Adjusted for underregistration prior to April 1, 1970. [4] Prior to April 1, 1960, adjusted for underregistration of infant deaths.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 802, 922, 952, 971, and unpublished data.

Figure 1.1

Components of Population Change: 1960 to 1984

Millions of persons



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 5.

No. 6. Projections of Total Population: 1985 to 2025

[**In thousands.** As of **July 1.** Includes Armed Forces abroad. See text, p. 2 for explanation of methodology. For the series shown the following assumptions were made about fertility (ultimate lifetime births per woman), mortality (life expectancy in 2050), and immigration (yearly net immigration). Lowest series: 1.6 births per woman, 76.7 years, and 250,000 net immigration. Middle series: 1.9 births per woman, 79.6 years, and 450,000 net immigration. Highest series: 2.3 births per woman, 83.3 years, and 750,000 net immigration. Zero migration series: 1.9 births per woman and 79.6 years]

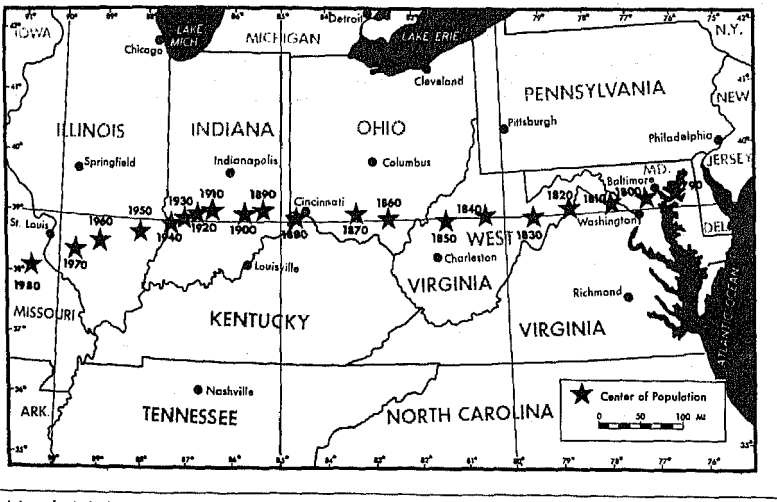
YEAR	Lowest series (series 19)	Middle series (series 14)	Highest series (series 9)	Zero migration series (series 29)	YEAR	Lowest series (series 19)	Middle series (series 14)	Highest series (series 9)	Zero migration series (series 29)
1985	237,605	238,631	239,959	237,249	1995	251,876	259,559	268,151	252,927
1986	239,366	240,856	242,722	238,993	1996	252,849	261,339	270,859	254,137
1987	241,068	243,084	245,534	240,728	1997	253,750	263,060	273,544	255,282
1988	242,704	245,302	248,381	242,444	1998	254,587	264,731	276,213	256,370
1989	244,268	247,498	251,249	244,127	1999	255,368	266,360	278,876	257,411
					2000	256,098	267,955	281,542	258,412
1990	245,753	249,657	254,122	245,764					
1991	247,154	251,767	256,984	247,342	2005	259,181	275,677	295,276	263,085
1992	248,466	253,817	259,825	248,852	2010	261,482	283,238	310,006	267,468
1993	249,690	255,800	262,636	250,288	2015	262,795	290,406	325,423	271,335
1994	250,825	257,714	265,411	251,646	2020	262,695	296,597	340,762	274,118
					2025	260,904	301,394	355,503	275,436

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 952.

No. 7. Center of Population: 1790 to 1980

["Center of population" is that point at which an imaginary flat, weightless, and rigid map of the United States would balance if weights of identical value were placed on it so that each weight represented the location of one person on the date of the census]

YEAR [1]	North latitude			West longitude			Approximate location
	°	′	″	°	′	″	
1790 (Aug. 2)	39	16	30	76	11	12	23 miles east of Baltimore, MD
1850 (June 1)	38	59	0	81	19	0	23 miles southeast of Parkersburg, WV
1900 (June 1)	39	9	36	85	48	54	6 miles southeast of Columbus, IN
1950 (Apr. 1)	38	50	21	88	9	33	8 miles north-northwest of Olney, Richland County, IL
1960 (Apr. 1)	38	35	58	89	12	35	In Clinton Co. about 6½ miles northwest of Centralia, IL
1970 (Apr. 1)	38	27	47	89	42	22	5.3 miles east-southeast of the Mascoutah City Hall in St. Clair County, IL
1980 (Apr. 1)	38	8	13	90	34	26	¼ mile west of De Soto in Jefferson County, MO



[1]For dates of admissions of the States and changes in areal definition, see "State Origins and Boundaries," *United States Summary, U.S. Census of Population: 1960*, vol. I. For year of admission to statehood, see table 334.

Source: U.S. Bureau of the Census, *1980 Census of Population, Vol. 1.*

No. 8. Resident Population and Population Density in Counties Within 50 Miles of Coastal Shorelines: 1950 to 1984

[Enumerated population as of **April 1** except **1984,** estimated as of **July 1.** Excludes Alaska and Hawaii. Covers 611 counties and independent cities which are *entirely or substantially* within 50 miles of U.S. coastal shorelines. Great Lakes region includes St. Lawrence River]

YEAR	Conterminous U.S., total	COUNTIES IN COASTAL REGIONS					Balance of conterminous U.S.
		Total	Atlantic	Pacific	Great Lakes	Gulf of Mexico	
Land area, 1970 (1,000 sq. mi.)	2,964	468	122	118	134	94	2,496
POPULATION							
1950 (mil.)	150.7	73.5	34.6	11.5	21.8	5.6	77.2
1960 (mil.)	178.5	92.7	41.7	16.8	26.4	7.8	85.7
1970 (mil.)	202.2	108.5	48.2	21.5	29.3	9.5	93.8
1980 (mil.)	225.2	118.4	50.7	25.4	29.8	12.6	106.7
1984 (mil.)	234.6	123.4	52.5	27.3	29.6	14.0	111.2
1950 (percent)	100.0	48.8	23.0	7.7	14.5	3.7	51.2
1960 (percent)	100.0	51.9	23.4	9.4	14.8	4.4	48.0
1970 (percent)	100.0	53.7	23.8	10.6	14.5	4.7	46.4
1980 (percent)	100.0	52.6	22.5	11.3	13.2	5.6	47.4
1984 (percent)	100.0	52.6	22.4	11.6	12.6	6.0	47.4
Population per square mile:							
1950	50.8	157.2	283.3	97.6	162.9	59.8	30.9
1960	60.2	198.3	341.6	142.7	197.3	83.1	34.3
1970	68.2	232.0	394.4	182.5	219.1	101.1	37.6
1980 [1]	76.0	253.3	414.9	215.8	222.4	134.1	42.8
1984 [1]	79.1	263.9	429.7	231.5	221.4	149.3	44.6

[1] Based on 1970 land area.

Source: U.S. Bureau of the Census, unpublished data.

No. 9. Population, by Size-Class of States: 1970 to 1984

[As of **April 1,** except **1984** as of **July 1.** Includes *District of Columbia.* Gross area comprises land and water]

POPULATION SIZE-CLASS	1970			1980					1984		
	Number of States	Population		Number of States	Population		Gross area		Number of States	Population	
		Total (1,000)	Percent of total		Total (1,000)	Percent of total	Total (1,000 sq. mi.)	Percent of total		Total (1,000)	Percent of total
Total	**51**	**203,302**	**100.0**	**51**	**226,546**	**100.0**	**3,619**	**100.0**	**51**	**236,158**	**100.0**
Over 10 million	6	*82,980*	*40.8*	6	*89,543*	*39.5*	618	17.1	7	*104,486*	*44.2*
5 million–10 million	6	38,813	19.1	6	54,292	24.0	322	8.9	6	50,530	21.4
3 million–5 million	12	46,746	23.0	12	47,654	21.0	577	15.9	13	50,502	21.4
2 million–3 million	7	16,743	8.2	7	18,326	8.1	555	15.3	*5*	*12,969*	*5.5*
1 million–2 million	6	9,005	4.4	5	7,408	3.3	341	9.4	7	9,829	4.2
Under 1 million	14	9,016	4.4	13	9,323	4.1	1,206	33.3	11	7,842	3.3

Source: U.S. Bureau of the Census, *1980 Census of Population,* vol. 1, chapter A (PC80–1–A); and *Current Population Reports,* series P–25, No. 970.

No. 10. U.S. Resident Population, by Region and Division, 1950 to 1984, and Projections, 1990 and 2000

[As of **April 1,** except beginning **1984,** as of **July 1.** For composition of divisions, see fig. I, *inside front cover*]

REGION AND DIVISION	POPULATION (millions)							PERCENT DISTRIBUTION						
	1950	1960	1970	1980	1984	1990	2000	1950	1960	1970	1980	1984	1990	2000
United States	**151.3**	**179.3**	**203.3**	**226.5**	**236.2**	**249.2**	**267.5**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Northeast	39.5	44.7	49.1	49.1	49.7	48.4	46.4	26.1	24.9	24.1	21.7	21.1	19.4	17.4
New England	9.3	10.5	11.8	12.3	12.6	12.7	12.8	6.2	5.9	5.8	5.5	5.3	5.1	4.8
Middle Atlantic	30.2	34.2	37.2	36.8	37.2	35.7	33.6	19.9	19.1	18.3	16.2	15.7	14.3	12.6
Midwest	44.5	51.6	56.6	58.9	59.1	60.3	59.7	29.4	28.8	27.8	26.0	25.0	24.2	22.3
East North Central	30.4	36.2	40.3	41.7	41.6	42.4	41.6	20.1	20.2	19.8	18.4	17.6	17.0	15.6
West North Central	14.1	15.4	16.3	17.2	17.5	17.9	18.1	9.3	8.6	8.0	7.6	7.4	7.2	6.8
South	47.2	55.0	62.8	75.4	80.6	87.6	98.8	31.2	30.7	30.9	33.3	34.1	35.2	37.0
South Atlantic	21.2	26.0	30.7	37.0	39.5	43.1	49.0	14.0	14.5	15.1	16.3	16.7	17.3	18.3
East South Central	11.5	12.1	12.8	14.7	15.0	16.1	17.2	7.6	6.7	6.3	6.5	6.4	6.5	6.4
West South Central	14.5	17.0	19.3	23.7	26.1	28.3	32.7	9.6	9.5	9.5	10.5	11.1	11.4	12.2
West	20.2	28.1	34.8	43.2	46.7	52.9	62.5	13.3	15.6	17.1	19.1	19.8	21.2	23.4
Mountain	5.1	6.9	8.3	11.4	12.6	15.4	20.1	3.4	3.8	4.1	5.0	5.3	6.2	7.5
Pacific	15.1	21.2	26.5	31.8	34.2	37.5	42.4	10.0	11.8	13.1	14.0	14.5	15.1	15.8

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. I; *1980 Census of Population,* vol. 1, chapter A (PC80–1–A); and *Current Population Reports,* series P–25, Nos. 937 and 970.

No. 11. Resident Population, 1940 to 1980, and

[As of Apr. 1, except as noted. Insofar as possible, population shown for all years is that of present area of State; for area
See *Historical Statistics, Colonial Times to 1970*, series A 172, for population

Region, division, and state or other area	Population										Rank	
					1980							
	1940 (1,000)	1950 (1,000)	1960 (1,000)	1970 (1,000)	Total (1,000)	Male (1,000)	Female (1,000)	Urban		Rural (1,000)	1940	1950
								Number (1,000)	Percent			
U.S.	**132,165**	**151,326**	**179,323**	**203,302**	**226,546**	**110,053**	**116,493**	**167,051**	**73.7**	**59,495**	(x)	(x)
Region:												
Northeast	35,977	39,478	44,678	49,061	49,135	23,479	25,656	38,906	79.2	10,230	(x)	(x)
Midwest	40,143	44,461	51,619	56,589	58,866	28,614	30,252	41,520	70.5	17,346	(x)	(x)
South	41,666	47,197	54,973	62,812	75,372	36,589	38,783	50,414	66.9	24,956	(x)	(x)
West	14,379	20,190	28,053	34,838	43,172	21,371	21,801	36,211	83.9	6,961	(x)	(x)
N.E	**8,437**	**9,314**	**10,509**	**11,848**	**12,348**	**5,924**	**6,425**	**9,269**	**75.1**	**3,079**	(x)	(x)
ME	847	914	969	994	1,125	546	578	534	47.5	591	35	35
NH	492	533	607	738	921	448	472	480	52.2	440	44	44
VT	359	378	390	445	511	249	262	173	33.8	339	46	46
MA	4,317	4,691	5,149	5,689	5,737	2,731	3,006	4,808	83.8	929	8	9
RI	713	792	859	950	947	451	496	824	87.0	123	36	36
CT	1,709	2,007	2,535	3,032	3,108	1,498	1,610	2,450	78.8	658	31	28
M.A	**27,539**	**30,164**	**34,168**	**37,213**	**36,787**	**17,555**	**19,232**	**29,636**	**80.6**	**7,150**	(x)	(x)
NY	13,479	14,830	16,782	18,241	17,558	8,339	9,219	14,858	84.6	2,700	1	1
NJ	4,160	4,835	6,067	7,171	7,365	3,533	3,832	6,557	89.0	807	9	9
PA	9,900	10,498	11,319	11,801	11,864	5,683	6,181	8,221	69.3	3,643	2	3
E.N.C	**26,626**	**30,399**	**36,225**	**40,262**	**41,682**	**20,242**	**21,440**	**30,534**	**73.3**	**11,148**	(x)	(x)
OH	6,908	7,947	9,706	10,657	10,798	5,217	5,580	7,918	73.3	2,879	4	5
IN	3,428	3,934	4,662	5,195	5,490	2,666	2,824	3,525	64.2	1,965	12	12
IL	7,897	8,712	10,081	11,110	11,427	5,538	5,889	9,518	83.3	1,908	3	4
MI	5,256	6,372	7,823	8,882	9,262	4,516	4,746	6,552	70.7	2,711	7	7
WI	3,138	3,435	3,952	4,416	4,706	2,305	2,400	3,021	64.2	1,685	13	14
W.N.C	**13,517**	**14,061**	**15,394**	**16,327**	**17,183**	**8,372**	**8,812**	**10,986**	**63.9**	**6,198**	(x)	(x)
MN	2,792	2,982	3,414	3,806	4,076	1,998	2,078	2,725	66.9	1,351	18	18
IA	2,538	2,621	2,758	2,825	2,914	1,416	1,497	1,708	58.6	1,206	20	22
MO	3,785	3,955	4,320	4,678	4,917	2,365	2,551	3,350	68.1	1,567	10	11
ND	642	620	632	618	653	328	324	318	48.8	334	38	41
SD	643	653	681	666	691	341	350	321	46.4	370	37	40
NE	1,316	1,326	1,411	1,485	1,570	766	804	988	62.9	582	32	33
KS	1,801	1,905	2,179	2,249	2,364	1,157	1,207	1,576	66.7	788	29	31
S.A	**17,823**	**21,182**	**25,972**	**30,678**	**36,959**	**17,878**	**19,081**	**24,813**	**67.1**	**12,146**	(x)	(x)
DE	267	318	446	548	594	287	308	420	70.6	175	47	47
MD	1,821	2,343	3,101	3,924	4,217	2,043	2,174	3,387	80.3	830	28	24
DC	663	802	764	757	638	295	343	638	100.0	–	(x)	(x)
VA	2,678	3,319	3,967	4,651	5,347	2,618	2,729	3,529	66.0	1,817	19	15
WV	1,902	2,006	1,860	1,744	1,950	945	1,004	705	36.2	1,244	25	29
NC	3,572	4,062	4,556	5,084	5,882	2,855	3,026	2,823	48.0	3,059	11	10
SC	1,900	2,117	2,383	2,591	3,122	1,518	1,604	1,689	54.1	1,433	26	27
GA	3,124	3,445	3,943	4,588	5,463	2,640	2,823	3,409	62.4	2,054	14	13
FL	1,897	2,771	4,952	6,791	9,746	4,676	5,071	8,212	84.3	1,534	27	20
E.S.C	**10,778**	**11,477**	**12,050**	**12,808**	**14,666**	**7,091**	**7,575**	**8,166**	**55.7**	**6,500**	(x)	(x)
KY	2,846	2,945	3,038	3,221	3,661	1,789	1,872	1,862	50.9	1,799	16	19
TN	2,916	3,292	3,567	3,926	4,591	2,217	2,375	2,774	60.4	1,818	15	16
AL	2,833	3,062	3,267	3,444	3,894	1,872	2,022	2,338	60.0	1,556	17	17
MS	2,184	2,179	2,178	2,217	2,521	1,214	1,307	1,193	47.3	1,328	23	26
W.S.C	**13,065**	**14,538**	**16,951**	**19,326**	**23,747**	**11,620**	**12,127**	**17,435**	**73.4**	**6,312**	(x)	(x)
AR	1,949	1,910	1,786	1,923	2,286	1,105	1,182	1,180	51.6	1,107	24	30
LA	2,364	2,684	3,257	3,645	4,206	2,040	2,166	2,887	68.6	1,319	21	21
OK	2,336	2,233	2,328	2,559	3,025	1,477	1,549	2,035	67.3	990	22	25
TX	6,415	7,711	9,580	11,199	14,229	6,999	7,230	11,333	79.6	2,896	6	6
Mt	**4,150**	**5,075**	**6,855**	**8,289**	**11,373**	**5,648**	**5,724**	**8,685**	**76.4**	**2,687**	(x)	(x)
MT	559	591	675	694	787	393	394	416	52.9	370	39	42
ID	525	589	667	713	944	471	473	510	54.0	434	42	43
WY	251	291	330	332	470	241	229	295	62.7	175	48	48
CO	1,123	1,325	1,754	2,210	2,890	1,434	1,456	2,330	80.6	560	33	34
NM	532	681	951	1,017	1,303	642	661	940	72.1	363	41	39
AZ	499	750	1,302	1,775	2,718	1,338	1,380	2,279	83.8	439	43	37
UT	550	689	891	1,059	1,461	725	737	1,233	84.4	228	40	38
NV	110	160	285	489	800	405	395	683	85.3	118	49	49
Pac	**10,229**	**15,115**	**21,198**	**26,549**	**31,800**	**15,723**	**16,077**	**27,526**	**86.6**	**4,274**	(x)	(x)
WA	1,736	2,379	2,853	3,413	4,132	2,052	2,080	3,037	73.5	1,095	30	23
OR	1,090	1,521	1,769	2,092	2,633	1,297	1,337	1,788	67.9	845	34	32
CA	6,907	10,586	15,717	19,971	23,668	11,666	12,001	21,608	91.3	2,060	5	2
AK	[1]73	129	226	303	402	213	189	259	64.3	143	50	50
HI	423	500	633	770	965	495	470	835	86.5	130	45	45
PR	1,869	2,211	2,350	2,712	3,197	1,557	1,640	2,134	66.8	1,062	(x)	(x)

– Represents zero. X Not applicable. Z Less than .05 percent.
[1]For U.S., population of U.S. has been divided by total land area. For each State and Puerto Rico, population at given census has been divided by land area as then constituted.

BY SEX AND RESIDENCE, 1980—STATES AND PUERTO RICO

figures of States, see table 334. Minus sign (—) indicates decrease. For composition of regions, see fig. I, inside front cover. by regions, and A 195–198 and A 202–203 for population, sex, density, and residence by States]

RANK			PERCENT CHANGE					POPULATION PER SQ. MILE OF LAND AREA[1]					REGION, DIVISION, AND STATE OR OTHER AREA
1960	1970	1980	1930–1940	1940–1950	1950–1960	1960–1970	1970–1980	1940	1950	1960	1970	1980	
(X)	(X)	(X)	7.3	14.5	18.5	13.4	11.4	37.2	42.6	50.6	[2]57.4	64.0	U.S.
													Region:
(X)	(X)	(X)	4.5	9.7	13.2	9.8	.2	219.8	241.2	273.4	300.4	301.9	Northeast.
(X)	(X)	(X)	4.0	10.8	16.1	9.6	4.0	53.1	58.8	68.6	75.2	78.3	Midwest.
(X)	(X)	(X)	10.1	13.3	16.5	14.3	20.0	47.4	53.7	62.8	71.9	86.3	South.
(X)	(X)	(X)	16.7	40.4	38.9	24.2	23.9	8.2	11.5	16.0	19.9	24.6	West.
(X)	(X)	(X)	3.3	10.4	12.8	12.7	4.2	133.5	147.5	166.8	188.1	196.0	N.E.
36	38	38	6.2	7.9	6.1	2.6	13.2	27.3	29.4	31.3	32.1	36.3	*ME*
45	41	42	5.6	8.5	13.8	21.6	24.8	54.5	59.1	67.2	81.7	102.4	NH
47	48	48	—.1	5.2	3.2	14.1	15.0	36.7	40.7	42.0	47.9	55.2	VT
9	10	11	1.6	8.7	9.8	10.5	.8	545.9	596.2	657.3	727.0	733.3	MA
39	39	40	3.8	11.0	8.5	10.6	—.3	674.2	748.5	819.3	902.5	897.8	RI
25	24	25	6.4	17.4	26.3	19.6	2.5	348.9	409.7	520.6	623.6	637.8	CT
(X)	(X)	(X)	4.9	9.5	13.3	8.9	—1.1	274.0	300.1	340.2	370.8	368.9	M.A.
1	2	2	7.1	10.0	13.2	8.7	—3.7	281.2	309.3	350.6	381.3	370.6	NY
8	8	9	2.9	16.2	25.5	18.2	2.7	553.1	642.8	805.5	953.1	986.2	NJ
3	3	4	2.8	6.0	7.8	4.3	.5	219.8	233.1	251.4	*262.3*	*264.3*	*PA*
(X)	(X)	(X)	5.3	14.2	19.2	11.1	3.5	108.7	124.1	148.2	164.9	170.8	E.N.C.
5	6	6	3.9	15.0	22.1	9.8	1.3	168.0	193.6	236.6	260.0	263.3	OH
11	11	12	5.8	14.8	18.5	11.4	5.7	94.7	108.7	128.8	143.9	152.8	IN
4	5	5	3.5	10.3	15.7	10.2	2.8	141.2	155.8	*180.4*	199.4	205.3	IL
7	7	8	8.5	21.2	22.8	13.5	4.3	92.2	111.7	137.7	156.2	162.6	MI
15	16	16	6.8	9.5	15.1	11.8	6.5	57.3	62.8	72.6	81.1	86.5	WI
(X)	(X)	(X)	1.7	4.0	9.5	6.1	5.2	26.5	27.5	30.3	32.1	33.8	W.N.C.
18	19	21	8.9	6.8	14.5	11.5	7.1	34.9	37.3	43.1	48.0	51.2	MN
24	25	27	2.7	3.3	5.2	2.4	3.1	45.3	46.8	49.2	50.5	52.1	IA
13	13	15	4.3	4.5	9.2	8.3	5.1	54.6	57.1	62.6	67.8	71.3	MO
44	45	46	—5.7	—3.5	2.1	—2.2	5.7	9.2	8.8	9.1	8.8	9.4	ND
40	44	45	—7.2	1.5	4.3	—2.2	3.7	8.4	8.5	9.0	8.8	9.1	SD
34	35	35	—4.5	.7	6.5	5.2	5.7	17.2	17.3	18.4	19.4	20.5	NE
28	28	32	—4.3	5.8	14.3	3.2	5.1	21.9	23.2	26.6	27.5	28.9	KS
(X)	(X)	(X)	12.9	18.8	22.6	18.1	20.5	66.4	79.0	97.1	114.9	138.4	S.A.
46	46	47	11.8	19.4	40.3	22.9	8.4	134.7	160.8	225.2	276.5	307.6	DE
21	18	18	11.6	28.6	32.3	26.5	7.5	184.2	237.1	313.5	396.6	428.7	MD
(X)	(X)	(X)	36.2	21.0	—4.8	—.9	—15.6	10,870	13,151	12,524	12,402	10,132	*DC*
14	14	14	10.6	23.9	19.5	17.2	14.9	67.1	83.2	99.6	116.9	134.7	VA
30	34	34	10.0	5.4	—7.2	—6.2	11.8	79.0	83.3	77.2	72.5	80.8	WV
12	12	10	12.7	13.7	12.2	11.6	15.7	72.7	82.7	93.2	104.1	120.4	NC
26	26	24	9.3	11.4	12.5	8.7	20.5	62.1	69.9	78.7	85.7	103.4	SC
16	15	13	7.4	10.3	14.5	16.4	19.1	53.4	58.9	67.8	79.0	*94.1*	*GA*
10	9	7	29.2	46.1	78.7	37.1	43.5	35.0	51.1	91.5	125.5	180.0	FL
(X)	(X)	(X)	9.0	6.5	5.0	6.3	14.5	59.7	63.8	67.2	71.5	82.0	E.S.C.
22	23	23	8.8	3.5	3.2	6.0	13.7	70.9	73.9	76.2	81.2	92.3	KY
17	17	17	11.4	12.9	8.4	10.1	16.9	69.5	76.8	*86.2*	*94.9*	*111.6*	*TN*
19	21	22	7.1	8.1	6.7	5.4	13.1	55.5	59.9	64.2	67.9	76.7	AL
29	29	31	8.7	—.2	(—z)	1.8	13.7	46.1	46.1	46.0	46.9	53.4	MS
(X)	(X)	(X)	7.3	11.3	16.6	14.0	22.9	30.3	33.8	39.5	45.2	55.6	W.S.C.
31	32	33	5.1	—2.0	—6.5	7.7	18.9	37.0	36.3	34.2	37.0	43.9	AR
20	20	19	12.5	13.5	21.4	11.9	15.4	52.3	59.4	72.2	81.0	94.5	LA
27	27	26	—2.5	—4.4	4.3	9.9	18.2	33.7	32.4	33.8	37.2	44.1	OK
6	4	3	10.1	20.2	24.2	16.9	27.1	24.3	29.3	36.4	42.7	54.3	TX
(X)	(X)	(X)	12.1	22.3	35.1	20.9	37.2	4.8	5.9	8.0	9.7	13.3	Mt.
41	43	44	4.1	5.6	14.2	2.8	13.3	3.8	4.1	4.6	4.8	*5.4*	*MT*
42	42	41	17.9	12.1	13.3	6.9	32.4	6.3	7.1	8.1	8.6	11.5	ID
48	49	49	11.2	15.9	13.6	.6	41.3	2.6	3.0	3.4	3.4	4.8	WY
33	30	28	8.4	18.0	32.4	26.0	30.8	10.8	12.8	16.9	21.3	27.9	CO
37	37	37	25.6	28.1	39.6	6.9	28.1	4.4	5.6	7.8	8.4	10.7	NM
35	33	29	14.6	50.1	73.7	*36.3*	*53.1*	4.4	6.6	*11.5*	*15.6*	*23.9*	*AZ*
38	36	36	8.4	25.2	29.3	18.9	37.9	6.7	8.4	10.8	12.9	17.8	UT
49	47	43	21.1	45.2	78.2	71.6	63.8	1.0	1.5	2.6	4.4	7.3	NV
(X)	(X)	(X)	18.7	47.8	40.2	25.2	19.8	11.4	16.8	23.8	[2]29.7	35.5	Pac.
23	22	20	11.1	37.0	19.9	19.6	21.1	25.9	35.6	42.8	51.2	*62.1*	WA
32	31	30	14.2	39.6	16.3	18.3	25.9	11.3	15.8	18.4	21.7	27.4	OR
2	1	1	21.7	53.3	48.5	27.1	18.5	44.1	67.5	100.4	127.6	151.4	CA
50	50	50	22.3	77.4	75.8	34.1	32.8	[3].1	.2	.4	[2].5	.7	AK
43	40	39	14.8	18.2	26.2	21.6	25.3	66.0	78.0	98.5	119.6	150.1	HI
(X)	(X)	(X)	21.1	18.3	6.3	15.4	17.9	546.1	645.8	686.4	792.8	924.1	PR

[2]Land area for Alaska corrected after 1970 final reports were issued. [3]As of Oct. 1, 1939.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I; and *1980 Census of Population*, vol. 1, chapter A (PC80-1-A) and chapter B (PC80-1-B).

No. 12. Resident Population—States: 1975 to 1984

[Estimates as of **July 1, except as indicated.** For composition of regions, see fig. I, inside front cover. Includes Armed Forces stationed in area. See p. 2 for basis of estimates. For explanation of methodology, contact source]

REGION, DIVISION AND STATE	1975 (1,000)	1977 (1,000)	1978 (1,000)	1979 (1,000)	1980, April 1 (1,000)	1981 (1,000)	1982 (1,000)	1983, (1,000)	1984, prel. Rank order	1984, prel. Total (1,000)	1984, prel. Per sq. mi. of land area [1]
U.S	**215,465**	**219,760**	**222,095**	**224,567**	**226,546**	**229,542**	**231,822**	**234,023**	(x)	**236,158**	**67**
Region:											
Northeast	49,411	49,283	49,194	49,160	49,135	49,257	49,304	49,502	(x)	49,728	306
Midwest	57,890	58,363	58,604	58,783	58,866	58,993	58,926	58,890	(x)	59,117	79
South	69,565	71,816	72,984	74,276	75,372	77,024	78,439	79,637	(x)	80,576	92
West	38,600	40,298	41,313	42,348	43,172	44,268	45,153	45,994	(x)	46,738	27
N. Eng	**12,163**	**12,239**	**12,283**	**12,322**	**12,348**	**12,414**	**12,428**	**12,486**	(x)	**12,577**	**200**
ME	1,072	1,104	1,114	1,123	1,125	1,133	1,136	1,145	38	1,156	37
NH	829	870	892	909	921	937	948	958	41	977	109
VT	480	492	498	505	511	516	520	525	48	530	57
MA	5,758	5,738	5,736	5,738	5,737	5,754	5,745	5,763	12	5,798	741
RI	943	950	952	950	947	953	953	956	42	962	912
CT	3,083	3,086	3,092	3,096	3,108	3,122	3,126	3,139	27	3,154	647
Mid. Atl	**37,247**	**37,043**	**36,911**	**36,838**	**36,787**	**36,843**	**36,876**	**37,016**	(x)	**37,151**	**373**
NY	18,003	17,813	17,681	17,584	17,558	17,558	17,569	17,663	2	17,735	374
NJ	7,338	7,337	7,351	7,367	7,365	7,407	7,428	7,464	9	7,515	1,006
PA	11,906	11,894	11,879	11,888	11,864	11,878	11,879	11,889	4	11,901	265
E. No. Cent	**41,125**	**41,381**	**41,542**	**41,645**	**41,682**	**41,701**	**41,582**	**41,478**	(x)	**41,601**	**171**
OH	10,770	10,771	10,796	10,798	10,798	10,799	10,773	10,736	7	10,752	262
IN	5,366	5,426	5,470	5,501	5,490	5,489	5,482	5,472	14	5,498	153
IL	11,292	11,386	11,413	11,397	11,427	11,468	11,466	11,474	5	11,511	207
MI	9,118	9,171	9,218	9,266	9,262	9,210	9,115	9,050	8	9,075	159
WI	4,579	4,627	4,646	4,683	4,706	4,735	4,745	4,746	16	4,766	88
W. No. Cent	**16,765**	**16,982**	**17,062**	**17,138**	**17,183**	**17,292**	**17,344**	**17,412**	(x)	**17,515**	**34**
MN	3,933	3,989	4,015	4,050	4,076	4,112	4,132	4,144	21	4,162	52
IA	2,881	2,914	2,918	2,916	2,914	2,918	2,907	2,904	29	2,910	52
MO	4,808	4,863	4,889	4,912	4,917	4,939	4,942	4,963	15	5,008	73
ND	639	650	651	653	653	661	672	681	46	686	10
SD	681	688	689	688	691	692	694	699	45	706	9
NE	1,543	1,557	1,564	1,567	1,570	1,583	1,589	1,596	36	1,606	21
KS	2,281	2,321	2,336	2,351	2,364	2,388	2,407	2,426	32	2,438	30
So. Atl	**34,354**	**35,293**	**35,839**	**36,428**	**36,959**	**37,782**	**38,307**	**38,852**	(x)	**39,450**	**148**
DE	587	592	595	595	594	596	600	606	47	613	317
MD	4,139	4,170	4,184	4,191	4,217	4,256	4,272	4,299	19	4,349	442
DC	707	677	665	650	638	632	626	623	(x)	623	9,886
VA	5,047	5,193	5,270	5,308	5,347	5,441	5,486	5,556	13	5,636	142
WV	1,842	1,908	1,923	1,942	1,950	1,960	1,961	1,962	34	1,952	81
NC	5,547	5,686	5,759	5,823	5,882	5,956	6,015	6,076	10	6,165	126
SC	2,902	2,992	3,044	3,090	3,122	3,187	3,226	3,256	24	3,300	109
GA	5,064	5,220	5,296	5,401	5,463	5,569	5,651	5,732	11	5,837	101
FL	8,518	8,856	9,102	9,426	9,746	10,184	10,470	10,742	6	10,976	203
E. So. Cent	**13,822**	**14,236**	**14,416**	**14,576**	**14,666**	**14,782**	**14,862**	**14,931**	(x)	**15,028**	**84**
KY	3,468	3,574	3,610	3,642	3,661	3,676	3,694	3,713	23	3,723	94
TN	4,276	4,423	4,486	4,560	4,591	4,632	4,659	4,676	17	4,717	115
AL	3,679	3,780	3,832	3,866	3,894	3,927	3,942	3,961	22	3,990	79
MS	2,399	2,459	2,488	2,507	2,521	2,547	2,567	2,581	31	2,598	55
W. So. Cent	**21,389**	**22,287**	**22,729**	**23,273**	**23,747**	**24,460**	**25,269**	**25,854**	(x)	**26,098**	**61**
AR	2,160	2,209	2,243	2,271	2,286	2,300	2,307	2,325	33	2,349	45
LA	3,886	4,014	4,069	4,138	4,206	4,300	4,382	4,440	18	4,462	100
OK	2,775	2,870	2,917	2,975	3,025	3,107	3,231	3,310	25	3,298	48
TX	12,569	13,193	13,500	13,888	14,229	14,753	15,349	15,779	3	15,989	61
Mt	**9,849**	**10,402**	**10,733**	**11,129**	**11,373**	**11,751**	**12,068**	**12,348**	(x)	**12,553**	**15**
MT	748	770	782	787	787	796	805	815	44	824	6
ID	832	883	911	933	944	964	977	987	40	1,001	12
WY	382	413	433	454	470	494	510	516	49	511	5
CO	2,586	2,696	2,767	2,849	2,890	2,983	3,070	3,146	26	3,178	31
NM	1,160	1,216	1,238	1,285	1,303	1,334	1,367	1,399	37	1,424	12
AZ	2,285	2,425	2,515	2,636	2,718	2,810	2,891	2,970	28	3,053	27
UT	1,236	1,320	1,368	1,420	1,461	1,524	1,571	1,618	35	1,652	20
NV	620	678	719	765	800	846	878	897	43	911	8
Pac	**28,751**	**29,897**	**30,580**	**31,219**	**31,800**	**32,518**	**33,084**	**33,646**	(x)	**34,184**	**38**
WA	3,621	3,776	3,889	4,018	4,132	4,236	4,276	4,302	20	4,349	65
OR	2,330	2,447	2,518	2,588	2,633	2,669	2,668	2,658	30	2,674	28
CA	21,538	22,352	22,836	23,257	23,668	24,216	24,698	25,186	1	25,622	164
AK	376	403	405	403	402	416	444	481	50	500	1
HI	886	918	932	953	965	981	997	1,018	39	1,039	162

X Not applicable. [1] For area figures used to derive these data, see table 334.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 957 and 970, and unpublished data.

NO. 13. COMPONENTS OF POPULATION CHANGE—STATES: 1970–1980 AND 1980–1984

[**In thousands, except percent.** Total resident population. For composition of regions, see fig. I, inside front cover. For explanation of methodology, see source. Minus sign (–) indicates decrease or net outmigration. See also *Historical Statistics, Colonial Times to 1970*, series C 25–75]

REGION, DIVISION, AND STATE	APRIL 1, 1970 TO APRIL 1, 1980						APRIL 1, 1980 TO JULY 1, 1984				
	Net change		Births	Deaths	Net total migration [2]	Error of closure [3]	Net change		Births	Deaths	Net total migration [2]
	Number	Percent [1]					Number	Percent [1]			
United States	**23,244**	**11.4**	**33,244**	**19,279**	**4,516**	**4,763**	**9,612**	**4.2**	**15,461**	**8,487**	**2,638**
Region:											
Northeast	75	.2	6,661	4,750	–2,888	1,052	592	1.2	2,837	1,999	–246
Midwest	2,275	4.0	9,032	5,308	–2,703	1,255	251	.4	3,929	2,219	–1,459
South	12,559	20.0	11,221	6,210	5,992	1,557	5,204	6.9	5,308	2,856	2,752
West	8,334	23.9	6,330	3,010	4,115	899	3,565	8.3	3,388	1,413	1,590
New England	**501**	**4.2**	**1,607**	**1,128**	**–241**	**265**	**228**	**1.8**	**704**	**480**	**4**
Maine	131	13.2	161	106	52	24	32	2.8	70	45	7
New Hampshire	183	24.8	122	74	117	19	56	6.1	58	33	31
Vermont	67	15.0	72	43	27	11	18	3.6	34	19	3
Massachusetts	48	.8	737	550	–263	124	61	1.1	318	229	–28
Rhode Island	–3	–.3	123	92	–53	20	15	1.6	53	39	1
Connecticut	75	2.5	391	262	–121	67	47	1.5	171	115	–9
Middle Atlantic	**–426**	**–1.1**	**5,055**	**3,622**	**–2,647**	**787**	**364**	**1.0**	**2,133**	**1,518**	**–250**
New York	–683	–3.7	2,481	1,722	–1,820	378	177	1.0	1,040	714	–149
New Jersey	194	2.7	981	670	–275	157	150	2.0	415	290	25
Pennsylvania	63	.5	1,593	1,230	–551	252	37	.3	677	514	–126
East North Central	**1,419**	**3.5**	**6,454**	**3,702**	**–2,220**	**887**	**–81**	**–.2**	**2,732**	**1,546**	**–1,267**
Ohio	140	1.3	1,676	987	–779	230	–46	–.4	696	413	–329
Indiana	295	5.7	865	480	–206	116	8	.1	356	202	–147
Illinois	316	2.8	1,790	1,066	–649	241	84	.7	779	434	–261
Michigan	380	4.3	1,441	763	–496	198	–187	–2.0	587	324	–451
Wisconsin	288	6.5	682	406	–90	102	60	1.3	313	174	–80
West North Central	**856**	**5.2**	**2,579**	**1,607**	**–484**	**368**	**332**	**1.9**	**1,197**	**674**	**–192**
Minnesota	270	7.1	595	332	–80	88	86	2.1	286	142	–58
Iowa	88	3.1	432	284	–122	62	–4	–.1	191	116	–80
Missouri	239	5.1	728	502	–92	104	91	1.9	326	209	–26
North Dakota	35	5.7	107	56	–31	14	34	5.2	53	23	5
South Dakota	25	3.7	117	66	–41	15	15	2.2	54	28	–11
Nebraska	84	5.7	246	148	–47	34	36	2.3	114	62	–16
Kansas	115	5.1	354	220	–71	51	74	3.1	173	93	–6
South Atlantic	**6,280**	**20.5**	**5,149**	**3,071**	**3,440**	**762**	**2,491**	**6.7**	**2,364**	**1,437**	**1,564**
Delaware	46	8.4	88	49	–6	12	18	3.1	37	20	1
Maryland	293	7.5	568	329	–36	90	132	3.1	266	147	13
District of Columbia	–118	–15.6	109	77	–164	14	–16	–2.4	40	29	–27
Virginia	695	14.9	748	404	239	112	289	5.4	340	182	131
West Virginia	205	11.8	290	197	71	40	3	.1	116	82	–32
North Carolina	797	15.7	863	466	278	121	283	4.8	359	210	135
South Carolina	531	20.5	498	240	210	63	178	5.7	218	109	69
Georgia	875	19.1	862	427	329	111	373	6.8	382	191	182
Florida	2,955	43.5	1,121	883	2,519	198	1,229	12.6	605	468	1,092
East South Central	**1,858**	**14.5**	**2,301**	**1,302**	**556**	**303**	**362**	**2.5**	**977**	**568**	**–47**
Kentucky	440	13.7	568	334	131	75	62	1.7	241	142	–36
Tennessee	665	16.9	664	391	297	95	126	2.7	284	175	16
Alabama	450	13.1	615	344	97	81	96	2.5	258	151	–11
Mississippi	304	13.7	454	233	31	52	77	3.1	194	100	–16
West South Central	**4,421**	**22.9**	**3,772**	**1,838**	**1,995**	**492**	**2,351**	**9.9**	**1,967**	**851**	**1,235**
Arkansas	363	18.9	349	217	184	47	63	2.7	151	97	8
Louisiana	561	15.4	717	344	100	88	257	6.1	352	154	58
Oklahoma	466	18.2	445	272	230	63	273	9.0	237	124	160
Texas	3,031	27.1	2,261	1,005	1,481	294	1,759	12.4	1,227	477	1,009
Mountain	**3,083**	**37.2**	**1,837**	**718**	**1,730**	**236**	**1,180**	**10.4**	**982**	**347**	**545**
Montana	92	13.3	126	67	16	17	37	4.7	61	29	5
Idaho	231	32.4	166	65	110	20	57	6.0	82	30	4
Wyoming	137	41.3	73	31	85	10	42	8.9	45	14	10
Colorado	680	30.8	415	181	385	61	288	10.0	225	82	145
New Mexico	286	28.1	224	81	116	27	121	9.3	114	38	44
Arizona	943	53.1	405	173	656	55	335	12.3	221	93	207
Utah	402	37.9	329	75	119	30	191	13.0	173	36	53
Nevada	312	63.8	99	46	243	16	110	13.8	60	26	77
Pacific	**5,251**	**19.8**	**4,493**	**2,292**	**2,385**	**664**	**2,385**	**7.5**	**2,406**	**1,066**	**1,044**
Washington	719	21.1	548	303	388	86	217	5.2	294	138	61
Oregon	542	25.9	351	205	341	55	41	1.6	175	91	–43
California	3,697	18.5	3,354	1,725	1,573	495	1,955	8.3	1,812	807	950
Alaska	99	32.8	78	15	28	9	98	24.4	46	8	59
Hawaii	195	25.3	163	43	55	20	74	7.7	79	22	17

[1] 1970 to 1980 based on 1970 population; 1980 to 1984 based on 1980 population.
[2] Comprises net immigration from abroad, net interregional, interdivisional, or interstate migration, and movement of persons in the Armed Forces. [3] For meaning of "error of closure;" see text p. 2.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–25, Nos. 957 and 970.

No. 14. Resident Population, 1980 and Projections, 1990 and 2000—States

[**1980**, as of **April 1**; **1990** and **2000** as of **July 1**. These provisional data are based on preliminary 1980 census data. Revisions are expected in beginning at 1986. Percent changes cover interval beginning and ending on July 1. See text, p. 2 for explanation of methodology. For composition of regions, see fig. I, inside front cover. Minus sign (–) indicates decrease]

Region, division and state	Resident population (1,000)			Percent change	
	1980	1990	2000	1980–1990	1990–2000
U.S.	**226,505**	**249,203**	**267,462**	**9.7**	**7.3**
Regions:					
Northeast	49,137	48,423	46,401	–1.7	–4.2
Midwest	58,854	60,265	59,714	2.1	–.9
South	75,349	87,594	98,828	15.9	12.8
West	43,165	52,920	62,519	22.2	18.1
N. Eng	**12,348**	**12,733**	**12,775**	**2.9**	**.3**
ME	1,125	1,229	1,308	9.1	6.4
NH	921	1,139	1,364	23.4	19.7
VT	512	575	625	12.0	8.8
MA	5,737	5,704	5,490	–.8	–3.7
RI	947	951	926	.2	–2.6
CT	3,108	3,136	3,062	.7	–2.3
Mid. Atl	**36,788**	**35,690**	**33,625**	**–3.2**	**–5.8**
NY	17,557	16,457	14,990	–6.5	–8.9
NJ	7,364	7,513	7,428	1.8	–1.1
PA	11,867	11,720	11,208	–1.4	–4.4
E. No. Cent	**41,670**	**42,372**	**41,847**	**1.4**	**–1.7**
OH	10,797	10,763	10,357	–.6	–3.8
IN	5,490	5,679	5,679	3.1	–
IL	11,418	11,502	11,188	.5	–2.7
MI	9,258	9,394	9,208	1.2	–2.0
WI	4,705	5,033	5,216	6.7	3.6
W. No. Cent	**17,184**	**17,894**	**18,067**	**3.9**	**1.0**
MN	4,077	4,353	4,489	6.5	3.1
IA	2,913	2,983	2,972	2.1	–.4
MO	4,917	5,077	5,080	3.0	.1
ND	653	678	682	3.6	.5
SD	690	698	688	.9	–1.6
NE	1,570	1,640	1,662	4.2	1.4
KS	2,363	2,463	2,494	4.0	1.3
So. Atl	**36,943**	**43,144**	**48,975**	**16.5**	**13.5**
DE	595	630	698	5.5	1.3
MD	4,216	4,491	4,582	6.2	2.0
DC	638	502	376	–21.4	–24.9
VA	5,346	5,961	6,389	11.2	7.2
WV	1,950	2,037	2,068	4.2	1.5
NC	5,874	6,473	6,868	9.9	6.1
SC	3,119	3,560	3,907	13.6	9.8
GA	5,464	6,175	6,708	12.6	8.6
FL	9,740	13,316	17,438	36.6	31.0
E. So. Cen	**14,663**	**16,121**	**17,174**	**9.6**	**6.5**
KY	3,661	4,074	4,400	10.9	8.1
TN	4,591	5,073	5,420	10.2	6.8
AL	3,890	4,214	4,415	8.0	4.8
MS	2,521	2,761	2,939	9.2	6.4
W. So. Cent	**23,743**	**28,328**	**32,679**	**18.9**	**15.4**
AR	2,286	2,580	2,835	12.6	9.9
LA	4,204	4,747	5,160	12.5	8.7
OK	3,025	3,503	3,944	15.5	12.6
TX	14,228	17,498	20,739	22.5	18.5
Mt	**11,368**	**15,404**	**20,140**	**35.0**	**30.7**
MT	787	888	963	12.6	8.4
ID	944	1,214	1,512	28.0	24.6
WY	471	701	1,002	48.3	42.9
CO	2,889	3,755	4,657	29.5	24.0
NM	1,300	1,536	1,727	17.7	12.5
AZ	2,718	3,994	5,582	46.5	39.8
UT	1,461	2,040	2,777	38.7	36.1
NV	799	1,275	1,919	59.1	50.4
Pac	**31,797**	**37,516**	**42,379**	**17.6**	**13.0**
WA	4,130	5,012	5,832	21.0	16.4
OR	2,633	3,319	4,025	25.7	21.3
CA	23,669	27,526	30,613	16.0	11.2
AK	400	522	631	29.7	20.8
HI	965	1,138	1,278	17.5	12.3

– Represents zero.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 937.

No. 15. Annual Rates of Mobility: 1960–61 to 1983–84

[As of **March**. Represents persons 1 year old and over who lived in a different house at the end of the period than at the beginning of the period. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See also text, p. 4. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III]

Period	Total movers	Different house in the United States				Movers from abroad
		Total	Same county	Different county		
				Total	Same State	Different State
Number (1,000):						
1960–1961	36,533	35,535	24,289	11,246	5,493	5,753	998
1970–1971	37,705	36,161	23,018	13,143	6,197	6,946	1,544
1980–1981	38,200	36,887	23,097	13,789	7,614	6,175	1,313
1981–1982	38,127	37,039	23,081	13,959	7,330	6,628	1,088
1982–1983	37,408	36,430	22,858	13,572	7,403	6,169	978
1983–1984	39,379	38,300	23,659	14,641	8,198	6,444	1,079
Percent of population:						
1960–1961	20.6	20.0	13.7	6.3	3.1	3.2	.5
1970–1971	18.7	17.9	11.4	6.5	3.1	3.4	.8
1980–1981	17.2	16.6	10.4	6.2	3.4	2.8	.6
1981–1982	17.0	16.8	10.3	6.2	3.3	3.0	.5
1982–1983	16.6	16.1	10.1	6.0	3.3	2.7	.4
1983–1984	17.3	16.8	10.4	6.4	3.6	2.8	.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 393, and forthcoming report.

No. 16. Mobility Status of the Population, by Selected Characteristics: 1983–1984

(As of March. For persons 1 year old and over. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See also text, p. 4. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III. For composition of regions, see fig. I, inside front cover)

Characteristic	Total (1,000)	Percent distribution						
		Non-movers (same house in 1983)	Movers (different house in U.S., 1983)					Movers from abroad
			Total	Same county	Different county			
					Total	Same State	Different State	
Total [1]	**226,232**	**82.7**	**16.8**	**10.4**	**6.4**	**3.6**	**2.8**	**.5**
White	194,926	83.0	16.6	9.9	6.6	3.7	2.9	.4
Black	27,145	82.2	17.5	12.9	4.6	2.5	2.1	.4
Spanish origin [2]	14,601	77.7	20.4	(NA)	(NA)	(NA)	(NA)	1.9
1–4 years	14,371	74.5	24.8	16.0	8.8	4.9	3.9	.7
5–9 years	16,144	80.5	19.0	12.2	6.8	3.7	3.1	.5
10–19 years	35,916	84.6	14.9	9.5	5.4	2.9	2.5	.5
20–24 years	21,007	64.8	34.1	20.4	13.7	8.0	5.7	1.1
25–29 years	*21,046*	*69.2*	*30.0*	*18.6*	*11.4*	*6.6*	*4.9*	*.7*
30–34 years	19,127	78.2	21.2	13.1	8.1	4.5	3.6	.7
35–44 years	30,058	85.5	14.1	8.6	5.5	2.8	2.7	.5
45–54 years	22,240	91.1	8.7	5.3	3.4	2.1	1.3	.1
55–64 years	22,033	93.5	6.4	3.7	2.8	1.5	1.2	.1
65 years and over	26,291	95.4	4.6	2.7	1.8	1.1	.8	.1
Northeast	48,532	86.0	11.6	7.3	4.2	2.4	1.8	.4
Midwest	57,382	84.4	15.4	9.9	5.4	3.2	2.2	.2
South	77,436	81.0	18.5	10.9	7.6	4.2	3.4	.5
West	44,882	77.9	21.3	13.3	8.0	4.4	3.6	.8

NA Not available. [1] Includes other races, not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, forthcoming report.

No. 17. Urban and Rural Population, by Size of Place: 1960 to 1980

[See text, p. 3, and *Historical Statistics, Colonial Times to 1970*, series A 43–72]

Class and size	Places			Population (1,000)			Percent of total population		
	1960	1970	1980	1960	1970	1980	1960	1970	1980
United States	(x)	(x)	(x)	**179,323**	**[1] 203,212**	**226,546**	**100.0**	**100.0**	**100.0**
Urban	6,041	7,062	8,765	125,269	149,325	167,051	69.9	73.5	73.7
Places of 1,000,000 or more	5	6	6	17,484	18,769	17,530	9.8	9.2	7.7
Places of 500,000–1,000,000	16	20	16	11,111	12,967	10,834	6.2	6.4	4.8
Places of 250,000–500,000	30	30	34	10,766	10,442	12,158	6.0	5.1	5.4
Places of 100,000–250,000	81	100	117	11,652	14,286	17,015	6.5	7.0	7.5
Places of 50,000–100,000	201	240	290	13,836	16,724	19,786	7.7	8.2	8.7
Places of 25,000–50,000	432	520	675	14,951	17,848	23,436	8.3	8.8	10.3
Places of 10,000–25,000	1,134	1,385	1,765	17,568	21,415	27,645	9.8	10.5	12.2
Places of 5,000–10,000	1,394	1,839	2,181	9,780	12,924	15,356	5.5	6.4	6.8
Places of 2,500–5,000	2,152	2,295	2,665	7,580	8,038	9,368	4.2	4.0	4.1
Places under 2,500	596	627	1,016	690	727	1,260	.4	.4	.6
Other urban	(x)	(x)	(x)	9,851	15,186	12,663	5.5	7.5	5.6
Rural	13,749	13,706	13,764	54,054	53,887	59,495	30.1	26.5	26.3
Places of 1,000–2,500	4,151	4,191	4,434	6,497	6,656	7,038	3.6	3.3	3.1
Places under 1,000	9,598	9,515	9,330	3,894	3,852	3,863	2.2	1.9	1.7
Other rural	(x)	(x)	(x)	43,664	43,379	48,594	24.3	21.3	21.4

X Not applicable. [1] See text, p. 1.

Source: U.S. Bureau of the Census, *Census of Population: 1960, 1970,* and *1980*, vol. I.

No. 18. Cities, by Population Size: 1960 to 1980

[Covers incorporated places of 10,000 population or more]

Population size	Number of cities			Population (mil.)			Percent of total			Cumulative percent		
	1960	1970	1980	1960	1970	1980	1960	1970	1980	1960	1970	1980
Total	**1,654**	**1,967**	**2,205**	**91.0**	**105.7**	**112.2**	**100.0**	**100.0**	**100.0**	(x)	(x)	(x)
1,000,000 or more	5	6	6	17.5	18.8	17.5	19.2	17.8	15.6	19.2	17.8	15.6
500,000–1,000,000	16	20	16	11.1	13.0	10.9	12.2	12.3	9.7	31.4	30.1	25.3
250,000–500,000	30	30	33	10.8	10.5	11.8	11.8	9.9	10.5	43.2	40.0	35.8
100,000–250,000	79	97	114	11.4	13.9	16.6	12.5	13.1	14.8	55.7	53.1	50.6
50,000–100,000	180	232	250	12.5	16.2	17.2	13.7	15.3	15.4	69.5	68.4	66.0
25,000–50,000	366	455	526	12.7	15.7	18.4	14.0	14.9	16.4	83.5	83.3	82.4
10,000–25,000	978	1,127	1,260	15.1	17.6	19.8	16.5	16.7	17.6	100.0	100.0	100.0

X Not applicable.

Source: U.S. Bureau of the Census, *Census of Population: 1970* and *1980*, vol. I; and unpublished data.

No. 19. Cities With 100,000 Inhabitants or More in 1984—Population, 1970 to 1984, and Land Area, 1984

[Population: **1970 and 1980, as of April 1; 1984,** as of **July 1.** Data refer to municipal limits as of January for 1970 and 1980 and as of Dec. 31 for 1984. For comments on comparability of race data for 1970 and 1980, see text, p. 3. Minus sign (−) indicates decrease]

City	1970		1980					1984				
				Percent—				Population				
	Total population [1] (1,000)	Percent Black [2]	Total population (1,000)	Black	Spanish origin [3]	Under 18 years old	65 years old and over	Total (1,000)	Rank	Percent change, 1980–1984	Per square miles	Land area [4] (square mile)
Abilene, TX	90	5.8	98	6.7	12.6	27.6	10.3	108	152	10.0	1,176	92.0
Akron, OH	275	17.5	237	22.2	.6	26.4	13.5	227	64	−4.3	3,769	60.2
Albuquerque, NM	245	2.2	332	2.5	33.8	27.8	8.4	351	43	5.5	3,228	108.6
Alexandria, VA	111	14.1	103	22.3	3.9	18.3	9.2	107	158	3.7	7,135	15.0
Allentown, PA	110	1.8	104	3.1	5.1	22.4	16.1	104	164	.1	5,937	17.5
Amarillo, TX	127	−5.3	149	5.5	9.2	29.0	10.1	163	97	9.1	1,881	86.6
Anaheim, CA	166	(z)	219	1.2	17.2	26.5	7.7	234	63	6.4	5,418	43.1
Anchorage, AK [5]	48	5.9	174	5.3	3.0	31.5	2.0	227	65	29.9	131	1,732.0
Ann Arbor, MI	100	6.7	108	9.3	2.1	19.1	5.9	104	165	−3.8	4,154	25.0
Arlington, TX	90	.6	160	2.9	4.1	28.5	4.5	214	70	33.6	2,598	82.3
Atlanta, GA	495	51.3	425	66.6	1.4	26.8	11.5	426	30	.3	3,248	131.2
Aurora, CO	75	1.2	159	6.9	5.0	29.5	4.3	195	74	22.8	3,101	62.8
Austin, TX	254	11.8	345	12.2	18.7	24.5	7.5	397	33	14.8	2,873	138.2
Bakersfield, CA	70	13.3	106	10.6	15.0	29.1	9.2	130	125	23.3	1,704	76.4
Baltimore, MD	905	46.4	787	54.8	1.0	26.9	12.8	764	11	−2.9	9,509	80.3
Baton Rouge, LA	166	27.8	219	36.5	1.8	27.3	8.7	239	62	8.4	3,277	72.9
Beaumont, TX	118	30.7	118	36.6	3.5	28.3	11.4	123	132	4.4	1,671	73.8
Berkeley, CA	114	23.5	103	20.1	5.1	15.4	10.8	104	167	.4	9,519	10.9
Birmingham, AL	301	42.0	284	55.6	.8	26.6	13.9	280	53	−1.6	2,804	99.8
Boise City, ID	75	.4	102	.5	2.3	26.8	10.2	107	156	4.8	2,589	41.4
Boston, MA	641	16.3	563	22.4	6.4	21.6	12.7	571	19	1.4	12,092	47.2
Bridgeport, CT	157	16.3	143	21.0	18.7	27.9	13.4	142	116	−.3	9,669	14.7
Buffalo, NY	463	20.4	358	26.6	2.7	25.2	15.0	339	45	−5.3	8,110	41.8
Cedar Rapids, IA	111	1.6	110	2.3	.9	27.6	11.0	109	151	−1.4	1,979	54.9
Charlotte, NC	241	30.3	314	31.0	1.1	27.8	8.6	331	47	4.9	2,185	151.4
Chattanooga, TN	120	35.8	170	31.7	.8	25.7	12.7	164	95	−3.1	1,328	123.8
Chesapeake, VA	90	23.1	114	27.6	.9	31.9	7.1	126	128	10.1	371	340.0
Chicago, IL	3,369	32.7	3,005	39.8	14.0	28.4	11.4	2,992	3	−.4	13,119	228.1
Cincinnati, OH	454	27.6	385	33.8	.8	25.2	14.5	370	38	−3.9	4,750	78.0
Cleveland, OH	751	38.3	574	43.8	3.1	27.8	13.0	547	22	−4.8	6,918	79.0
Colorado Springs, CO	136	5.2	215	5.6	8.5	28.3	8.3	248	59	15.2	1,826	135.7
Columbus, GA [6]	155	26.2	169	34.2	2.1	29.5	8.9	175	86	3.2	804	217.5
Columbus, OH	540	18.5	565	22.1	.8	25.8	8.9	566	20	.2	3,047	185.8
Concord, CA	85	.3	103	1.7	7.2	27.8	7.3	104	166	(z)	3,543	29.3
Corpus Christi, TX	205	5.1	232	5.1	46.6	32.4	8.2	258	58	11.2	1,530	168.7
Dallas, TX	844	24.9	904	29.4	12.3	27.0	9.5	974	7	7.7	2,940	331.4
Davenport, IA	98	4.2	103	6.1	2.8	29.1	10.5	102	169	−1.1	1,699	60.1
Dayton, OH	243	30.5	203	36.9	.9	27.4	11.8	181	82	−6.4	3,330	54.4
Denver, CO	515	9.1	492	12.0	18.8	22.5	12.6	505	23	2.4	4,725	106.8
Des Moines, IA	201	5.7	191	6.8	1.8	25.9	12.5	191	77	−.1	2,887	66.1
Detroit, MI	1,514	43.7	1,203	63.1	2.4	303	11.7	1,089	6	−9.5	8,031	135.6
Durham, NC	95	38.8	101	47.1	.9	23.2	12.1	102	170	1.5	2,061	49.5
Elizabeth, NJ	113	15.5	106	18.2	26.7	25.7	13.2	107	155	1.2	9,184	11.7
El Paso, TX	322	2.3	425	3.2	62.5	35.0	6.9	464	25	9.1	1,935	239.7
Erie, PA	129	6.6	119	9.7	1.1	27.3	13.4	117	142	−1.4	5,413	21.7
Eugene, OR	79	.8	106	1.1	2.1	22.4	9.5	102	172	−3.8	2,895	35.1
Evansville, IN	139	7.3	130	8.8	.5	24.6	15.2	130	124	−.1	3,485	37.4
Flint, MI	193	28.1	160	41.4	2.5	31.9	10.0	149	110	−6.6	4,557	32.7
Fort Lauderdale, FL	140	14.6	153	21.0	4.2	19.3	19.1	150	108	−2.2	5,063	29.6
Fort Wayne, IN	178	10.6	172	14.6	2.2	28.0	11.9	165	93	−4.0	2,867	57.7
Fort Worth, TX	393	19.9	385	22.8	12.6	27.1	11.8	415	31	7.6	1,617	256.3
Fremont, CA	101	(z)	132	2.5	14.0	30.1	5.2	144	113	9.0	1,835	78.4
Fresno, CA	166	9.6	218	9.5	23.6	27.9	10.9	267	56	22.9	2,872	93.1
Fullerton, CA	86	.8	102	1.6	13.5	24.2	8.0	107	160	4.6	4,815	22.2
Garden Grove, CA	121	(z)	123	.8	13.5	28.3	7.4	129	126	4.8	7,345	17.6
Garland, TX	81	3.7	139	5.3	6.3	33.7	4.1	160	99	15.4	2,856	56.1
Gary, IN	175	52.8	152	70.8	7.1	34.9	8.2	143	115	−5.8	3,632	39.4
Glendale, AZ	36	.4	97	1.9	12.8	31.8	7.0	114	144	17.2	2,282	49.9
Glendale, CA	133	(z)	139	.3	17.8	20.8	16.3	147	111	6.0	4,818	30.6
Grand Rapids, MI	198	11.3	182	15.7	3.2	27.4	13.4	183	80	.6	4,217	43.4
Greensboro, NC	144	28.2	156	33.0	.8	25.3	9.8	159	102	2.4	2,250	70.8
Hampton, VA	121	25.4	123	34.3	1.4	29.1	7.0	126	129	2.8	2,456	51.3

See footnotes at end of table.

NO. 19. CITIES WITH 100,000 INHABITANTS OR MORE IN 1984—POPULATION, 1970 TO 1984, AND LAND AREA, 1984—Continued

[See headnote, p. 16]

CITY	1970		1980					1984				
				Percent—				Population				
	Total population [1] (1,000)	Percent Black [2]	Total population (1,000)	Black	Spanish origin [3]	Under 18 years old	65 years old and over	Total (1,000)	Rank	Percent change, 1980–1984	Per square mile	Land area [4] (square miles)
Hartford, CT	158	27.9	136	33.9	20.5	29.0	11.4	136	121	−.5	7,625	17.8
Hialeah, FL	102	1.1	145	1.5	74.3	24.2	11.4	152	105	4.8	7,848	19.4
Hollywood, FL	107	3.7	121	4.1	5.3	19.8	25.1	120	137	−.9	8,463	14.2
Honolulu, HI	325	.7	365	1.2	5.2	23.1	10.4	373	36	2.2	4,267	87.0
Houston, TX	1,234	25.7	1,595	27.6	17.6	28.4	6.9	1,706	4	6.9	3,018	565.2
Huntington Beach, CA	116	(z)	171	.7	7.9	27.9	5.9	179	84	5.2	6,593	27.2
Huntsville, AL	139	12.1	143	20.7	1.0	28.9	7.0	150	109	4.9	1,304	114.7
Independence, MO	112	.6	112	.7	1.4	27.2	10.9	112	146	.3	1,391	80.6
Indianapolis, IN	737	18.0	701	21.8	.9	28.6	10.3	710	13	1.4	2,018	352.0
Irving, TX	97	1.0	110	1.5	7.4	29.1	4.7	120	138	9.2	1,784	67.3
Jackson, MS	154	39.7	203	47.0	.7	29.6	9.7	209	72	2.9	1,966	106.2
Jacksonville, FL	504	22.3	541	25.4	1.8	28.8	9.6	578	18	6.8	761	759.7
Jersey City, NJ	260	21.0	224	27.7	18.6	29.4	11.8	223	67	−.2	16,894	13.2
Kansas City, KS	168	20.4	161	25.3	4.9	29.6	11.7	160	98	−.4	1,494	107.4
Kansas City, MO	507	22.1	448	27.4	3.3	26.5	12.3	443	28	−1.1	1,401	316.3
Knoxville, TN	175	12.7	175	14.6	.7	21.9	13.8	174	87	−.6	2,248	77.4
Lakewood, CO	93	.1	113	.5	5.9	27.6	7.2	121	135	6.4	2,976	40.7
Lansing, MI	131	9.3	130	13.9	6.3	29.2	8.7	128	127	−1.9	3,625	35.3
Laredo, TX	69	.5	91	.1	93.0	39.5	8.6	109	150	18.8	4,873	22.3
Las Vegas, NV	126	11.2	165	12.8	7.8	27.9	8.3	183	79	11.3	2,731	67.1
Lexington-Fayette, KY [7]	108	17.0	204	13.3	.7	25.3	8.6	210	71	2.9	738	284.7
Lincoln, NE	150	1.5	172	2.0	1.6	23.5	10.3	180	83	4.9	2,962	60.9
Little Rock, AR	132	25.0	158	32.2	.8	28.0	11.0	170	91	6.9	2,021	84.2
Livonia, MI	110	(z)	105	.1	.9	28.4	7.8	100	175	−4.2	2,884	34.8
Long Beach, CA	359	5.3	361	11.3	14.0	22.9	14.0	379	34	4.8	7,605	49.8
Los Angeles, CA	2,812	17.9	2,967	17.0	27.5	25.1	10.6	3,097	2	4.3	6,647	465.9
Louisville, KY	362	23.8	298	28.2	.7	25.0	15.3	290	51	−3.0	4,744	61.1
Lubbock, TX	149	7.3	174	8.2	18.8	27.7	7.8	179	85	2.6	1,773	100.7
Macon, GA	122	37.3	117	44.5	.7	28.7	11.9	120	136	2.8	2,419	49.7
Madison, WI	172	1.5	171	2.7	1.3	20.5	8.7	171	90	.1	3,071	55.6
Memphis, TN	624	38.9	646	47.6	.8	29.1	10.4	648	15	.3	2,387	271.6
Mesa, AZ	63	1.2	152	1.2	9.1	30.1	11.2	194	75	27.2	2,314	83.8
Miami, FL	335	22.7	347	25.1	55.9	21.4	17.0	373	37	7.4	10,864	34.3
Milwaukee, WI	717	14.7	636	23.1	4.1	27.0	12.5	621	17	−2.4	6,480	95.8
Minneapolis, MN	434	4.4	371	7.7	1.3	20.0	15.4	358	41	−3.4	6,503	55.1
Mobile, AL	190	35.4	200	36.2	1.1	29.0	11.1	205	73	2.2	1,666	123.0
Modesto, CA	62	1.9	107	2.1	10.5	29.5	9.7	122	133	14.3	4,494	27.2
Montgomery, AL	133	33.4	178	39.2	.9	30.2	10.1	185	78	4.0	1,442	128.3
Nashville-Davidson, TN	426	19.6	456	23.3	.8	25.0	11.0	462	26	1.5	964	479.5
New Haven, CT	138	26.3	126	31.9	8.0	25.3	13.1	124	131	−1.5	6,571	18.9
New Orleans, LA	593	45.0	558	55.3	3.4	28.8	11.7	559	21	.2	2,804	199.4
New York, NY	7,896	21.1	7,072	25.2	19.9	25.0	13.5	7,165	1	1.3	23,764	301.5
Bronx Borough	1,472	24.3	1,169	31.8	33.9	29.2	12.9	1,173	(x)	.3	28,128	41.7
Brooklyn Borough	2,602	25.2	2,231	32.4	17.6	28.3	12.5	2,254	(x)	1.0	32,106	70.2
Manhattan Borough	1,539	24.7	1,428	21.7	23.5	17.7	14.3	1,456	(x)	1.9	65,590	22.2
Queens Borough	1,987	13.0	1,891	18.7	13.9	23.1	14.9	1,911	(x)	1.1	17,599	108.6
Staten Island Borough	295	5.3	352	7.3	5.4	29.1	10.0	371	(x)	5.3	6,313	58.7
Newark, NJ	382	54.2	329	58.2	18.6	34.1	8.8	314	48	−4.5	13,045	24.1
Newport News, VA	138	28.4	145	31.5	1.8	28.4	7.8	155	103	6.7	2,367	65.3
Norfolk, VA	308	28.3	267	35.2	2.3	24.6	9.2	280	54	4.8	5,277	53.0
Oakland, CA	362	34.5	339	46.9	9.6	24.3	13.2	352	42	3.7	6,529	53.9
Odessa, TX	78	5.7	90	5.6	23.2	30.4	7.4	109	149	20.7	3,105	35.0
Oklahoma City, OK	368	13.7	403	14.6	2.8	27.0	11.3	443	27	9.7	734	604.1
Omaha, NE	347	9.9	314	12.0	2.3	27.5	12.2	334	46	6.4	3,440	97.1
Ontario, CA	64	1.8	89	3.4	27.1	33.1	7.3	106	161	19.7	2,928	36.3
Orlando, FL	99	29.5	128	30.0	3.9	24.0	12.7	137	118	6.9	2,317	59.2
Oxnard, CA	71	6.0	108	6.1	44.4	33.2	6.6	121	134	12.0	4,925	24.6
Pasadena, CA	113	16.1	119	20.7	16.4	23.1	14.9	125	130	5.9	5,389	23.2
Pasadena, TX	90	.1	113	.8	17.0	31.4	4.8	119	139	6.0	3,115	38.3
Paterson, NJ	145	26.9	138	34.1	28.7	32.9	10.3	139	117	.6	16,725	8.3
Peoria, IL	127	11.5	124	16.7	1.4	27.6	12.3	117	143	−5.7	2,782	42.1
Philadelphia, PA	1,949	33.6	1,688	37.8	3.8	25.9	14.1	1,647	5	−2.5	12,108	136.0
Phoenix, AZ	584	4.8	790	4.8	14.8	29.0	9.3	853	9	8.0	2,208	386.4
Pittsburgh, PA	520	20.2	424	24.0	.8	21.4	16.0	403	32	−5.0	7,267	55.4
Portland, OR	380	5.6	366	7.6	2.1	21.8	15.3	366	39	−.6	3,357	109.0
Portsmouth, VA	111	39.9	105	45.1	1.0	28.7	10.7	108	154	3.2	3,611	29.9

See footnotes at end of table.

No. 19. Cities With 100,000 Inhabitants or More in 1984—Population, 1970 to 1984, and Land Area, 1984—Continued

[See headnote, p. 16]

City	1970		1980					1984				
				Percent—				Population				Land area [4] (square miles)
	Total population [1] (1,000)	Percent Black [2]	Total population (1,000)	Black	Spanish origin [3]	Under 18 years old	65 years old and over	Total (1,000)	Rank	Percent change, 1980–1984	Per square mile	
Providence, RI	179	8.9	157	11.8	5.8	23.2	15.3	154	104	−1.7	8,156	18.9
Raleigh, NC	123	22.7	150	27.4	.9	22.3	8.3	169	92	12.7	2,771	61.1
Reno, NV	73	2.2	101	2.7	5.1	20.1	10.5	106	162	4.8	2,992	35.3
Richmond, VA	249	42.0	219	51.3	1.0	22.4	14.1	219	69	−.1	3,645	60.1
Riverside, CA	140	5.2	171	6.9	16.2	29.2	8.8	182	81	6.8	2,497	73.0
Roanoke, VA	92	19.3	100	22.0	.7	24.4	15.6	101	174	.5	2,336	43.1
Rochester, NY	295	16.8	242	25.8	5.4	26.6	14.0	243	60	.3	7,092	34.2
Rockford, IL	147	8.3	140	13.2	2.9	27.8	12.6	137	120	−2.3	3,355	40.7
Sacramento, CA	257	10.7	276	13.4	14.2	24.6	13.6	304	50	10.3	3,132	97.1
St. Louis, MO	622	40.9	453	45.6	1.2	26.1	17.6	429	29	−5.2	6,992	61.4
St. Paul, MN	310	3.5	270	4.9	2.9	24.1	15.0	266	57	−1.6	5,074	52.4
St. Petersburg, FL	216	14.8	239	17.2	1.8	20.4	25.8	241	61	1.1	4,317	55.9
Salt Lake City, UT	176	1.2	163	1.5	7.6	24.2	14.7	165	94	1.1	1,802	91.5
San Antonio, TX	654	7.6	786	7.3	53.7	32.2	9.5	843	10	7.2	3,033	277.9
San Bernardino, CA	107	14.0	117	14.9	25.4	28.1	11.9	130	123	9.8	2,362	55.2
San Diego, CA	697	7.6	876	8.9	14.9	24.1	9.7	960	8	9.7	2,982	322.1
San Francisco, CA	716	13.4	679	12.7	12.3	17.2	15.4	713	12	5.0	15,361	46.4
San Jose, CA	460	2.5	629	4.6	22.3	31.0	6.2	686	14	9.0	4,063	168.9
Santa Ana, CA	156	4.3	204	4.0	44.5	30.6	7.4	225	66	10.5	8,226	27.4
Savannah, GA	118	44.9	141	49.0	1.3	29.6	11.4	145	112	2.4	2,553	56.8
Seattle, WA	531	7.1	494	9.5	2.6	17.6	15.4	488	24	−1.1	5,843	83.6
Shreveport, LA	182	34.1	206	41.1	1.3	30.3	11.7	220	68	6.9	2,540	86.6
South Bend, IN	126	14.1	110	18.3	2.4	26.8	14.8	107	157	−2.4	2,943	36.4
Spokane, WA	171	1.3	171	1.6	1.5	24.5	15.3	173	88	1.2	3,118	55.6
Springfield, IL	92	8.2	100	10.8	.7	25.5	14.3	102	173	1.5	2,489	40.8
Springfield, MA	164	12.6	152	16.6	9.1	27.5	13.8	150	107	−1.2	4,746	31.7
Springfield, MO	120	2.0	133	2.1	.7	23.2	13.2	137	119	2.9	2,072	66.1
Stamford, CT	109	12.3	102	15.0	5.6	24.5	12.0	102	171	−.5	2,675	38.1
Sterling Heights, MI	61	.1	109	.2	.9	34.5	4.5	109	148	.4	2,990	36.6
Stockton, CA	110	11.0	150	10.4	22.1	29.2	11.0	172	89	14.6	4,020	42.7
Sunnyvale, CA	96	.8	107	2.4	11.5	23.0	8.2	111	147	3.7	4,726	23.4
Syracuse, NY	197	10.8	170	15.7	1.7	23.3	14.6	164	96	−3.5	6,900	23.8
Tacoma, WA	154	6.8	159	9.2	2.4	26.8	13.5	159	101	.6	3,335	47.8
Tallahassee, FL	73	25.1	82	31.8	1.8	21.0	7.4	112	145	37.8	2,012	55.8
Tampa, FL	278	19.7	272	23.5	13.3	25.1	14.8	275	55	1.4	3,245	84.9
Tempe, AZ	64	.7	107	1.8	8.2	24.7	4.7	118	141	10.7	3,066	38.6
Toledo, OH	383	13.8	355	17.4	3.0	28.1	12.5	344	44	−3.0	4,080	84.3
Topeka, KS	125	8.4	115	9.5	4.6	25.2	13.9	119	140	.2	2,270	52.4
Torrance, CA	135	(z)	130	.7	8.3	23.8	8.5	133	122	2.3	6,482	20.5
Tucson, AZ	263	3.5	331	3.7	24.9	25.5	11.7	365	40	10.6	2,928	124.8
Tulsa, OK	330	10.6	361	11.8	1.7	25.8	10.8	375	35	3.8	2,013	186.1
Virginia Beach, VA	172	9.1	262	10.0	2.0	30.7	4.5	309	49	17.7	1,206	225.9
Waco, TX	95	19.9	101	21.8	11.1	24.3	14.3	104	163	2.8	1,390	74.9
Warren, MI	179	(z)	161	.2	.9	27.8	8.0	152	106	−5.6	4,420	34.4
Washington, DC	757	71.1	638	70.3	2.8	22.5	11.6	623	16	−2.4	9,933	62.7
Waterbury, CT	108	10.1	103	11.6	6.7	25.8	15.5	103	168	−.4	3,597	28.6
Wichita, KS	277	9.7	279	10.8	3.5	26.3	10.6	283	52	1.3	2,529	112.1
Winston-Salem, NC	134	34.3	132	40.2	.8	25.3	12.1	143	114	8.7	2,066	69.4
Worcester, MA	177	1.9	162	2.9	4.3	23.6	16.3	160	100	−1.2	4,274	37.4
Yonkers, NY	204	6.4	195	10.5	8.7	23.1	14.8	191	76	−2.1	10,450	18.3
Youngstown, OH	141	25.2	115	33.3	3.3	26.3	14.6	108	153	−6.5	3,132	34.5

X Not applicable. Z Less than .05 percent. [1] 1970 population totals include corrections made after tabulations were completed. [2] Based on uncorrected tabulated data. [3] Persons of Spanish origin may be of any race. [4] As of December 31. Reflects estimates of areas annexed or detached since January 1, 1980 as provided by the municipalities. The Bureau of the Census cannot verify, and is not responsible for, the accuracy of these data. [5] Anchorage city consolidated with Anchorage Borough September 15, 1975. [6] Columbus and the unincorporated balance of Muscogee County consolidated on January 1, 1971. [7] Lexington and Fayette County consolidated January 1, 1974.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. I, chapters A and B; *1980 Census of Population,* vol. 1, chapters A and B; press release (CB85-140) and unpublished data.

No. 20. Metropolitan and Nonmetropolitan Area Population: 1940 to 1984

[*Metropolitan area definition as of year shown, except as noted. See headnote, table 21*]

Item	1940 [1]	1950	1960	1970	1980 [2] (SMSA's)	1980 [3] (MSA's and *CMSA's*)	1984 [3] (MSA's and *CMSA's*)
Metropolitan areas: Number of areas	169	169	212	243	318	280	280
Population (1,000)	69,535	84,854	112,885	139,480	169,431	172,173	179,946
Percent change over previous year shown	(X)	22.0	33.0	23.6	21.5	(X)	4.5
Percent of total U.S. population	52.6	56.1	63.0	68.6	74.8	76.0	76.2
Land area, percent of U.S. land area	5.9	5.9	8.7	10.9	16.0	16.0	16.0
Nonmetropolitan areas, population (1,000)	62,630	66,472	66,438	63,822	57,115	54,377	56,212

X Not applicable. [1] 1950 metropolitan area definition. [2] See footnote 1, table 21. [3] See footnote 2, table 21.

No. 21. Number and Population of Metropolitan Areas, by Population Size-Class in 1980: 1970 to 1984

[As of **April 1; except 1984** as of July 1. Data exclude Puerto Rico. For definitions, see Appendix II. See also *Historical Statistics, Colonial Times to 1970*, series A 264-275]

Level and population size-class of metropolitan area in **1980**	Number, **1980**	Population, **1970** (mil.)	Population, **1980** (mil.)	Total (mil.)	Percent in each class	Number, **1985**	Population, **1970** (mil.)	Population, **1980** (mil.)	Total (mil.)	Percent in each class
	SCSA's and other SMSA's [1]					CMSA's and MSA's [2]				
Total, all metropolitan areas	**286**	**153.7**	**169.4**	**100.0**		**280**	**155.7**	**172.2**	**179.9**	**100.0**
Level A (1,000,000 or more)	34	96.4	103.3	61.0		35	100.1	107.8	112.3	62.4
2,500,000 or more	12	65.5	68.9	40.7		12	67.6	71.5	74.2	41.2
1,000,000-2,499,999	22	30.9	34.4	20.3		23	32.4	36.3	38.1	21.2
Level B (250,000-999,999)	94	38.3	43.9	25.9		90	37.5	43.1	45.3	25.2
500,000-999,999	32	19.5	22.3	13.2		33	20.4	23.3	24.6	13.7
250,000-499,999	62	18.8	21.6	12.7		57	17.1	19.8	20.7	11.5
Level C (100,000-249,999)	130	16.9	19.8	11.7		122	15.7	18.5	19.4	10.8
Level D (less than 100,000)	28	2.1	2.4	1.4		33	2.4	2.8	3.0	1.7
	318 SMSA's [1]					MSA's and PMSA's [2]				
Total, all metropolitan areas	**318**	**153.7**	**169.4**	**100.0**		**331**	**155.7**	**172.2**	**179.9**	**100.0**
Level A (1,000,000 or more)	38	86.6	92.9	54.8		41	86.4	92.6	96.4	53.6
2,500,000 or more	11	49.1	50.3	29.7		9	42.0	42.4	43.6	24.2
1,000,000-2,499,999	27	37.4	42.5	25.1		32	44.4	50.2	52.9	29.4
Level B (250,000-999,999)	112	46.5	52.6	31.1		115	48.3	55.0	57.7	32.1
500,000-999,999	41	25.1	28.1	16.6		43	26.9	30.3	31.9	17.7
250,000-499,999	71	21.4	24.6	14.5		72	21.5	24.7	25.8	14.4
Level C (100,000-249,999)	140	18.5	21.6	12.7		140	18.5	21.7	22.7	12.6
Level D (less than 100,000)	28	2.1	2.4	1.4		35	2.6	3.0	3.1	1.7

[1] SCSA-standard consolidated statistical area. SMSA-standard metropolitan statistical area. Areas are as defined by U.S. Office of Management and Budget, June 30, 1981. [2] CMSA-consolidated metropolitan statistical area. MSA-metropolitan statistical area. PMSA-primary metropolitan statistical area. Areas are as defined by U.S. Office of Management and Budget, June 30, 1985.

No. 22. Population by Metropolitan-Nonmetropolitan Residence, 1970 and 1980, and by Race and Spanish Origin, 1980

[As of **April**. Covers MSA's (metropolitan statistical areas) as defined by U.S. Office of Management and Budget, Oct. 12, 1984. See also *Historical Statistics, Colonial Times to 1970*, series A 276-287]

Race and Spanish origin	Number (mil.)					Percent distribution				
	Total	Inside MSA's			Outside MSA's	Total	Inside MSA's			Outside MSA's
		Total	Central cities	Outside central cities			Total	Central cities	Outside central cities	
1970, total [1]	**203.3**	**155.5**	**72.0**	**83.5**	**47.8**	**100.0**	**76.5**	**35.4**	**41.1**	**23.5**
1980, total	**226.5**	**172.0**	**72.5**	**99.4**	**54.6**	**100.0**	**75.9**	**32.0**	**43.9**	**24.1**
White	188.4	140.3	50.9	89.4	48.1	100.0	74.5	27.0	47.5	25.5
Black	26.5	21.7	15.8	5.9	4.8	100.0	82.0	59.7	22.3	18.0
American Indian, Eskimo, Aleut	1.4	.7	.3	.4	.7	100.0	48.4	22.4	26.1	51.6
Asian and Pacific Islander	3.5	3.2	1.7	1.5	.3	100.0	91.7	48.1	43.6	8.3
Other	6.8	6.0	3.8	2.2	.8	100.0	89.0	56.9	32.2	11.0
Spanish origin [2]	14.6	12.9	7.8	5.1	1.7	100.0	88.1	53.1	35.0	11.9

[1] Includes revisions made since publication of 1970 census reports. [2] Persons of Spanish origin may be of any race.

Source of tables 20-22: U.S. Bureau of the Census, *U.S. Census of Population: 1940, 1950, 1960,* and *1970; 1980 Census of Population*, vol. I, chapter A (PC80-1-A1) and *Supplementary Report, Metropolitan Statistical Areas* (PC80-S1-18); *Current Population Reports*, Series P-25, No. 976; and unpublished data.

No. 23. Metropolitan and Nonmetropolitan Area Population—States: 1970 to 1984

[**1970** and **1980**, as of **April 1**; **1984** as of **July 1**. Excludes Armed Forces abroad. Refers to 260 metropolitan statistical areas and 20 consolidated metropolitan statistical areas as defined by U.S. Office of Management and Budget, June 30, 1985; see Appendix II. For composition of regions, see fig. I, inside front cover. Minus sign (–) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

Region, division, and state	Metropolitan area population							Nonmetropolitan area population						
	Total (1,000)			Average annual percent change		Percent of State		Total (1,000)			Average annual percent change		Percent of State	
	1970	1980	1984	1970–1980	1980–1984	1970	1984	1970	1980	1984	1970–1980	1980–1984	1970	1984
U.S	**155,701**	**172,173**	**179,946**	**1.0**	**1.0**	**76.6**	**76.2**	**47,602**	**54,377**	**56,212**	**1.3**	**.8**	**23.4**	**23.8**
Region:														
Northeast	43,742	43,291	43,773	–.1	.3	89.2	88.0	5,318	5,844	5,954	.9	.4	10.8	12.0
Midwest	40,460	41,550	41,718	.3	.1	71.5	70.6	16,130	17,317	17,398	.7	.1	28.5	29.4
South	42,282	51,489	55,663	2.0	1.8	67.3	69.1	20,531	23,884	24,913	1.5	1.0	32.7	30.9
West	29,216	35,842	38,792	2.0	1.9	83.9	83.0	5,622	7,332	7,946	2.7	1.9	16.1	17.0
N. Eng	**9,822**	**10,020**	**10,169**	**.2**	**.4**	**82.9**	**80.9**	**2,026**	**2,329**	**2,408**	**1.4**	**.8**	**17.1**	**19.1**
ME	365	404	416	1.0	.7	36.8	36.0	628	720	740	1.4	.6	63.2	64.0
NH	404	511	548	2.3	1.7	54.8	56.1	333	410	429	2.1	1.1	45.2	43.9
VT	99	115	121	1.5	1.1	22.3	22.8	346	396	409	1.4	.7	77.7	77.2
MA	5,266	5,231	5,271	–.1	.2	92.6	90.9	423	506	527	1.8	1.0	7.4	9.1
RI	868	878	891	.1	.3	91.4	92.6	82	69	71	–1.7	.8	8.6	7.4
CT	2,819	2,879	2,922	.2	.4	93.0	92.6	213	228	232	.7	.4	7.0	7.4
Mid. Atl	**33,921**	**33,272**	**33,604**	**–.2**	**.2**	**91.2**	**90.5**	**3,293**	**3,515**	**3,547**	**.7**	**.2**	**8.8**	**9.5**
NY	16,647	15,869	16,035	–.5	.2	91.3	90.4	1,594	1,689	1,701	.6	.2	8.7	9.6
NJ	7,171	7,365	7,515	.3	.5	100.0	100.0	–	–	–	–	–	–	–
PA	10,102	10,038	10,055	–.1	–	85.6	84.5	1,698	1,826	1,846	.7	.3	14.4	15.5
E. No. Cent	**31,621**	**32,204**	**32,104**	**.2**	**–.1**	**78.5**	**77.2**	**8,642**	**9,479**	**9,497**	**.9**	**.1**	**21.5**	**22.8**
OH	8,565	8,521	8,478	–.1	–.1	80.4	78.8	2,092	2,277	2,274	.8	–	19.6	21.2
IN	3,551	3,719	3,729	.5	.1	68.4	67.8	1,644	1,771	1,768	.7	–	31.6	32.2
IL	9,125	9,339	9,440	.2	.3	82.1	82.0	1,988	2,088	2,070	.5	–.2	17.9	18.0
MI	7,361	7,481	7,283	.2	–.6	82.9	80.3	1,521	1,782	1,792	1.6	.1	17.1	19.7
WI	3,019	3,145	3,174	.4	.2	68.3	66.6	1,399	1,561	1,592	1.1	.5	31.7	33.4
W. No. Cent	**8,840**	**9,346**	**9,614**	**.6**	**.7**	**54.1**	**54.9**	**7,488**	**7,838**	**7,901**	**.5**	**.2**	**45.9**	**45.1**
MN	2,434	2,621	2,712	.7	.8	63.9	65.2	1,373	1,455	1,450	.6	–.1	36.1	34.8
IA	1,154	1,223	1,236	.6	.2	40.8	42.5	1,671	1,691	1,674	.1	–.2	59.2	57.5
MO	3,170	3,226	3,278	.2	.4	67.8	65.5	1,508	1,690	1,730	1.1	.5	32.2	34.5
ND	196	234	250	1.8	1.5	31.7	36.4	422	418	437	–.1	1.0	68.3	63.6
SD	155	180	193	1.5	1.7	23.2	27.3	512	511	513	–	.1	76.8	72.7
NE	650	708	740	.9	1.0	43.8	46.1	835	862	866	.3	.1	56.2	53.9
KS	1,082	1,153	1,207	.6	1.1	48.1	49.5	1,167	1,211	1,232	.4	.4	51.9	50.5
So. Atl	**22,051**	**26,777**	**28,818**	**1.9**	**1.7**	**71.8**	**73.0**	**8,628**	**10,183**	**10,632**	**1.7**	**1.0**	**28.2**	**27.0**
DE	386	398	408	.3	.6	70.4	66.5	162	196	205	1.9	1.0	29.6	33.5
MD	3,668	3,920	4,044	.7	.7	93.5	93.0	255	297	305	1.5	.7	6.5	7.0
DC	757	638	623	–1.7	–.6	100.0	100.0	–	–	–	–	–	–	–
VA	3,280	3,745	4,005	1.3	1.6	70.5	71.1	1,371	1,601	1,630	1.5	.4	29.5	28.9
WV	683	718	711	.5	–.3	39.1	36.4	1,061	1,232	1,241	1.5	.2	60.9	63.6
NC	2,755	3,204	3,372	1.5	1.2	54.2	54.7	2,330	2,678	2,793	1.4	1.0	45.8	45.3
SC	1,504	1,865	1,978	2.2	1.4	58.0	59.9	1,087	1,256	1,323	1.4	1.2	42.0	40.1
GA	2,807	3,403	3,702	1.9	2.0	61.2	63.4	1,781	2,060	2,134	1.5	.8	38.8	36.6
FL	6,213	8,885	9,975	3.6	2.7	91.5	90.9	578	862	1,001	4.0	3.5	8.5	9.1
E. So. Cent	**6,913**	**7,903**	**8,123**	**1.3**	**.6**	**54.0**	**54.1**	**5,895**	**6,763**	**6,905**	**1.4**	**.5**	**46.0**	**45.9**
KY	1,550	1,677	1,691	.8	.2	46.1	45.4	1,671	1,984	2,032	1.7	.6	51.9	54.6
TN	2,630	3,048	3,139	1.5	.7	67.0	66.5	1,296	1,543	1,578	1.7	.5	33.0	33.5
AL	2,169	2,462	2,532	1.3	.7	63.0	63.5	1,275	1,432	1,458	1.2	.4	37.0	36.5
MS	564	716	761	2.4	1.4	25.5	29.3	1,653	1,805	1,837	.9	.4	74.5	70.7
W. So. Cent	**13,318**	**16,809**	**18,723**	**2.3**	**2.5**	**68.9**	**71.7**	**6,008**	**6,938**	**7,375**	**1.4**	**1.4**	**31.1**	**28.3**
AR	730	885	914	1.9	.8	38.0	38.9	1,193	1,401	1,435	1.6	.6	62.0	61.1
LA	2,439	2,892	3,080	1.7	1.5	66.9	69.0	1,205	1,313	1,382	.9	1.2	33.1	31.0
OK	1,432	1,724	1,906	1.9	2.4	56.0	57.8	1,127	1,301	1,392	1.4	1.6	44.0	42.2
TX	8,716	11,307	12,823	2.6	3.0	77.8	80.2	2,483	2,921	3,166	1.6	1.9	22.2	19.8
Mt	**5,155**	**7,264**	**8,086**	**3.4**	**2.5**	**62.2**	**64.4**	**3,135**	**4,109**	**4,468**	**2.7**	**2.0**	**37.8**	**35.6**
MT	169	189	201	1.1	1.4	24.4	24.3	525	598	624	1.3	1.0	75.6	75.7
ID	112	173	189	4.3	2.1	15.7	18.9	601	771	811	2.5	1.2	84.3	81.1
WY	108	141	147	2.7	1.1	32.4	28.8	225	329	364	3.8	2.4	67.6	71.2
CO	1,772	2,326	2,563	2.7	2.3	80.2	80.6	438	563	615	2.5	2.1	19.8	19.4
NM	456	609	662	2.9	1.9	44.8	46.5	562	694	762	2.1	2.2	55.2	53.5
AZ	1,323	2,041	2,310	4.3	2.9	74.5	75.7	453	678	743	4.0	2.2	25.5	24.3
UT	822	1,128	1,266	3.2	2.7	77.6	76.6	238	333	386	3.4	3.5	22.4	23.4
NV	394	657	748	5.1	3.1	80.7	82.1	94	144	163	4.2	2.9	19.3	17.9
Pac	**24,061**	**28,577**	**30,706**	**1.7**	**1.7**	**90.6**	**89.8**	**2,488**	**3,223**	**3,478**	**2.6**	**1.8**	**9.4**	**10.2**
WA	2,752	3,322	3,509	1.9	1.3	80.6	80.7	661	810	840	2.0	.9	19.4	19.3
OR	1,415	1,763	1,794	2.2	.4	67.7	67.1	676	870	880	2.5	.3	32.3	32.9
CA	19,136	22,555	24,371	1.6	1.8	95.8	95.1	835	1,113	1,251	2.9	2.7	4.2	4.9
AK	126	174	227	3.2	6.2	41.8	45.4	176	227	273	2.6	4.3	58.2	54.6
HI	631	763	805	1.9	1.3	81.9	77.5	139	202	233	3.7	3.4	18.1	22.5

– Represents or rounds to zero.

Source: U.S. Bureau of the Census, *1960 Census of Population, Supplementary Report, Metropolitan Statistical Areas* (PC80-S1-18); *Current Population Reports*, Series P-25, No. 976; and unpublished data.

NO. 24. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 TO 1984, AND SELECTED CHARACTERISTICS, 1980

[**1970** and **1980**, as of **April 1**; **1984** as of **July 1**. Covers 20 consolidated metropolitan statistical areas (CMSAs), their 71 component primary metropolitan statistical areas (PMSAs), and the remaining 110 MSA's with 250,000 and over population as defined by the Office of Management and Budget as of June 30, 1985. Figures for 1970 include corrections. Rank based on unrounded figures for CMSAs and MSAs only. For definitions and components of all MSAs, see Appendix II. For explanation of average annual percent change, see Guide to Tabular Presentation. *Minus sign (–) indicates decrease*]

METROPOLITAN AREA	1970 (1,000)	1980					1984		AVERAGE ANNUAL PERCENT CHANGE	
		Total (1,000)	Percent— Black	Spanish origin [1]	Under 18 years old	65 years old and over	Total (1,000)	Rank	1970–1980	1980–1984
Albany-Schenectady-Troy, NY MSA	811	836	3.7	1.0	26.6	13.1	843	46	.3	.2
Albuquerque, NM MSA	316	420	2.3	36.8	29.0	8.1	449	76	2.8	1.6
Allentown-Bethlehem, PA–NJ MSA	594	635	1.4	2.4	25.4	12.9	647	55	.7	.4
Appleton-Oshkosh-Neenah, WI MSA	277	291	.2	.5	29.9	10.7	299	112	.5	.6
Atlanta, GA MSA	1,684	2,138	24.6	1.1	29.4	7.8	2,380	14	2.4	2.5
Atlantic City, NJ MSA	235	276	14.2	3.2	25.5	17.2	290	114	1.6	1.2
Augusta, GA–SC MSA	291	346	30.9	1.5	30.0	8.4	368	93	1.7	1.5
Austin, TX MSA	360	537	9.4	17.6	26.5	7.8	645	56	4.0	4.3
Bakersfield, CA MSA	330	403	5.2	21.6	30.9	9.7	462	75	2.0	3.2
Baltimore, MD MSA	2,089	2,200	25.5	1.0	27.0	10.1	2,245	16	.5	.5
Baton Rouge, LA MSA	376	494	27.8	1.7	31.5	7.0	538	66	2.7	2.0
Beaumont-Port Arthur, TX MSA	349	375	21.8	3.4	29.8	10.3	392	87	.8	1.0
Binghamton, NY MSA	268	283	1.3	.7	27.3	12.2	284	123	–.2	.1
Birmingham, AL MSA	794	884	27.2	.6	28.1	11.7	895	43	1.1	.3
Boston-Lawrence-Salem, MA–NH CMSA	3,939	3,972	4.4	2.3	26.1	11.8	4,027	7	.1	.3
Boston, MA PMSA	2,887	2,806	5.8	2.4	24.9	12.2	2,821	(x)	–.3	.1
Brockton, MA PMSA	163	183	3.2	1.5	30.1	10.6	186	(x)	1.2	.4
Lawrence-Haverhill, MA–NH PMSA	301	339	.8	3.8	29.0	12.0	357	(x)	1.2	1.2
Lowell, MA-NH PMSA	225	243	.8	2.2	31.0	9.2	250	(x)	.8	.7
Nashua, NH PMSA	100	143	.7	.8	31.8	7.5	153	(x)	3.5	1.7
Salem-Gloucester, MA PMSA	263	258	.4	.9	24.9	13.0	259	(x)	–.2	.1
Buffalo-Niagara Falls, NY CMSA	1,349	1,243	9.2	1.3	26.8	12.3	1,205	31	–.8	–.7
Buffalo, NY PMSA	1,113	1,015	10.1	1.4	26.6	12.4	985	(x)	–.9	–.7
Niagara Falls, NY PMSA	236	227	4.9	.8	27.9	11.9	219	(x)	–.4	–.8
Canton, OH MSA	394	404	6.0	.9	28.6	11.1	404	85	.3	–
Charleston, SC MSA	336	430	31.0	1.5	30.5	6.9	473	73	2.5	2.2
Charleston, WV MSA	257	270	5.1	.5	26.8	11.5	267	121	.5	–.2
Charlotte-Gastonia-Rock Hill, NC–SC MSA	840	971	20.0	.8	28.5	9.6	1,031	35	1.4	1.4
Chattanooga, TN–GA MSA	371	427	14.0	.7	28.4	10.9	423	81	1.4	–.2
Chicago-Gary-Lake County (IL), IL–IN–WI CMSA	7,779	7,937	19.6	8.0	28.9	9.9	8,035	3	.2	.3
Aurora-Elgin, IL PMSA	277	316	4.4	8.6	31.8	8.9	331	(x)	1.3	1.1
Chicago, IL PMSA	6,093	6,060	22.3	8.6	28.1	10.4	6,128	(x)	–.1	.3
Gary-Hammond, IN PMSA	633	643	19.7	7.3	31.5	8.4	630	(x)	.1	–.5
Joliet, IL PMSA	274	355	8.9	4.0	33.0	7.7	364	(x)	2.6	.6
Kenosha, WI PMSA	118	123	2.3	2.9	29.3	10.8	121	(x)	.4	–.3
Lake County, IL PMSA	383	440	6.4	4.8	30.4	7.2	461	(x)	1.4	1.1
Cincinnati-Hamilton, OH–KY–IN CMSA	1,613	1,660	11.2	.6	29.1	10.6	1,674	23	.3	.2
Cincinnati, OH–KY–IN PMSA	1,387	1,401	12.4	.6	29.2	10.9	1,408	(x)	.1	.1
Hamilton-Middletown, OH PMSA	226	259	4.7	.6	28.8	8.9	265	(x)	1.3	.6
Cleveland-Akron-Lorain, OH CMSA	3,000	2,834	15.0	1.5	27.7	11.1	2,788	12	–.6	–.4
Akron, OH PMSA	679	660	9.1	.5	27.7	10.4	650	(x)	–.3	–.4
Cleveland, OH PMSA	2,064	1,899	18.2	1.4	27.1	11.7	1,867	(x)	–.8	–.4
Lorain-Elyria, OH PMSA	257	275	7.2	4.8	31.9	8.5	271	(x)	.7	–.3
Colorado Springs, CO MSA	236	309	6.2	8.1	29.3	6.8	349	99	2.7	2.8
Columbia, SC MSA	323	410	28.8	1.3	27.9	7.3	433	79	2.4	1.3
Columbus, OH MSA	1,149	1,244	11.0	.7	28.1	9.0	1,279	28	.8	.7
Corpus Christi, TX MSA	285	326	4.0	48.5	33.6	8.4	361	94	1.4	2.4
Dallas-Fort Worth, TX CMSA	2,352	2,931	14.3	8.5	29.3	8.2	3,348	10	2.2	3.1
Dallas, TX PMSA	1,556	1,957	16.1	9.0	29.5	7.9	2,204	(x)	2.3	2.8
Fort Worth-Arlington, TX PMSA	795	973	10.6	7.4	28.9	8.9	1,144	(x)	2.0	3.8
Davenport-Rock Island-Moline, IA–IL MSA	363	384	4.4	3.0	29.6	10.7	381	91	.6	–.2
Dayton-Springfield, OH MSA	975	942	12.6	.7	28.5	9.8	930	42	–.3	–.3
Daytona Beach, FL MSA	169	259	11.2	1.6	21.2	22.3	300	111	4.2	3.5
Denver-Boulder, CO CMSA	1,238	1,618	4.8	10.7	27.5	7.8	1,791	21	2.7	2.4
Boulder-Longmont, CO PMSA	132	190	.9	5.4	24.9	6.8	209	(x)	3.6	2.3
Denver, CO PMSA	1,106	1,429	5.3	11.4	27.9	7.9	1,583	(x)	2.6	2.4
Des Moines, IA MSA	340	368	3.8	1.3	28.2	10.5	377	92	.8	.6
Detroit-Ann Arbor, MI CMSA	4,788	4,753	19.4	1.6	29.4	9.3	4,577	6	–.1	–.9
Ann Arbor, MI PMSA	234	265	10.7	1.5	24.2	6.4	261	(x)	1.2	–.3
Detroit, MI PMSA	4,554	4,488	19.9	1.6	29.7	9.5	4,316	(x)	–.1	–.9
Duluth, MN–WI MSA	265	267	.4	.3	27.1	13.6	254	127	–	–1.2
El Paso, TX MSA	359	480	3.8	61.9	35.2	6.6	526	68	2.9	2.2
Erie, PA MSA	264	280	4.4	.7	29.0	10.9	282	116	.6	.2
Eugene-Springfield, OR MSA	215	275	.6	2.0	26.7	9.6	266	122	2.5	–.8
Evansville, IN–KY MSA	255	276	5.6	.5	27.7	12.3	281	117	.8	.4
Fayetteville, NC MSA	212	247	30.6	3.7	31.0	4.5	251	130	1.5	.4
Fort Myers–Cape Coral, FL MSA	105	205	8.0	2.8	21.9	22.3	253	129	6.7	4.9
Flint, MI MSA	446	450	17.5	1.7	32.1	8.0	434	78	.1	–.9
Fort Wayne, IN MSA	335	354	7.5	1.5	30.6	9.8	348	100	.6	–.4
Fresno, CA MSA	413	515	4.9	29.3	29.8	10.1	565	65	2.2	2.2

See footnotes at end of table.

NO. 24. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 TO 1984, AND SELECTED CHARACTERISTICS, 1980—Continued

[See headnote, p. 21]

METROPOLITAN AREA	1970 (1,000)	1980					1984		AVERAGE ANNUAL PERCENT CHANGE	
		Total (1,000)	Percent—				Total (1,000)	Rank	1970–1980	1980–1984
			Black	Spanish origin [1]	Under 18 years old	65 years old and over				
Grand Rapids, MI MSA	539	602	5.3	2.3	30.2	9.8	626	57	1.1	.9
Greensboro-Winston-Salem-High Point, NC MSA	743	852	19.0	.7	27.2	10.2	886	45	1.4	.9
Greenville-Spartanburg, SC MSA	473	569	17.1	.8	28.0	9.8	573	62	1.8	.9
Harrisburg-Lebanon-Carlisle, PA MSA	510	555	6.2	1.1	26.5	11.8	570	64	.8	.6
Hartford-New Britain-Middletown, CT CMSA	1,000	1,014	7.1	4.3	26.4	11.4	1,030	36	.1	.4
Bristol, CT PMSA	70	74	1.4	1.5	27.9	10.3	75	(X)	.5	.5
Hartford, CT PMSA	711	716	8.6	4.8	26.7	11.4	729	(X)	.1	.4
Middletown, CT PMSA	74	82	5.3	1.7	25.9	10.7	83	(X)	1.0	.3
New Britain, CT PMSA	145	142	3.4	5.0	24.2	12.4	143	(X)	−.2	.1
Honolulu, HI MSA	631	763	2.2	7.2	28.1	7.3	805	48	1.9	1.3
Houston-Galveston-Brazoria, TX CMSA	2,169	3,101	18.2	14.5	30.5	6.4	3,566	8	3.6	3.3
Brazoria, TX PMSA	108	170	7.8	13.4	31.1	6.1	186	(X)	4.5	2.2
Galveston-Texas City, TX PMSA	170	196	18.5	12.0	29.7	9.1	215	(X)	1.4	2.2
Houston, TX PMSA	1,891	2,736	18.8	14.7	30.5	6.2	3,164	(X)	3.7	3.4
Huntington-Ashland, WV-KY-OH MSA	307	336	2.2	.5	28.8	11.7	334	102	.9	−.2
Indianapolis, IN MSA	1,111	1,167	13.5	.8	29.6	9.8	1,195	32	.5	.6
Jackson, MS MSA	289	362	41.3	.8	31.1	9.4	382	89	2.3	1.3
Jacksonville, FL MSA	613	722	21.6	1.8	29.2	9.7	795	50	1.6	2.3
Johnson City-Kingsport-Bristol, TN-VA MSA	374	434	2.1	.5	27.3	11.4	442	77	1.5	.4
Johnstown, PA MSA	263	265	1.3	.4	27.3	13.6	259	124	.1	−.5
Kansas City, MO-KS MSA	1,373	1,433	12.6	2.3	28.4	10.5	1,477	25	.4	.7
Knoxville, TN MSA	477	566	6.1	.6	26.3	11.2	589	63	1.7	1.0
Lakeland-Winter Haven, FL MSA	229	322	15.0	3.0	27.2	14.3	355	97	3.4	2.3
Lancaster, PA MSA	320	362	1.9	2.5	28.2	11.7	381	90	1.2	1.2
Lansing-East Lansing, MI MSA	378	420	5.6	3.1	28.4	7.6	416	82	1.0	−.2
Las Vegas, NV MSA	273	463	10.0	7.6	27.8	7.6	536	67	5.3	3.5
Lexington-Fayette, KY MSA	267	318	11.0	.7	27.1	9.2	327	105	1.7	.7
Little Rock-North Little Rock, AR MSA	361	474	19.1	.9	29.7	9.9	493	72	2.2	.9
Los Angeles-Anaheim-Riverside, CA CMSA	9,981	11,498	9.2	24.0	27.6	9.9	12,373	2	1.4	1.7
Anaheim-Santa Ana, CA PMSA	1,421	1,933	1.3	14.8	27.2	8.3	2,076	(X)	3.1	1.7
Los Angeles-Long Beach, CA PMSA	7,042	7,478	12.6	27.6	27.2	9.9	7,901	(X)	.6	1.3
Oxnard-Ventura, CA PMSA	378	529	2.1	21.4	31.2	8.3	585	(X)	3.4	2.3
Riverside-San Bernardino, CA PMSA	1,139	1,558	5.0	18.6	29.2	12.1	1,811	(X)	3.1	3.5
Louisville, KY-IN MSA	907	957	12.6	.6	28.8	10.4	963	39	.5	.1
Macon-Warner Robins, GA MSA	235	264	33.6	.9	30.5	8.9	278	119	1.2	1.2
Madison, WI MSA	290	324	1.8	1.0	25.0	8.4	333	103	1.1	.7
McAllen-Edinburg-Mission, TX MSA	182	283	.2	81.3	39.3	9.2	337	101	4.4	4.1
Melbourne-Titusville-Palm Bay, FL MSA	230	273	8.7	2.0	24.9	12.7	329	104	1.7	4.4
Memphis, TN-AR-MS MSA	834	913	39.9	.9	30.5	9.3	935	41	.9	.5
Miami-Fort Lauderdale, FL CMSA	1,888	2,644	14.9	23.5	22.9	18.1	2,799	11	3.4	1.3
Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA	620	1,018	11.2	4.0	21.0	22.0	1,093	(X)	5.0	1.7
Miami-Hialeah, FL PMSA	1,268	1,626	17.2	35.7	24.0	15.7	1,706	(X)	2.5	1.1
Milwaukee-Racine, WI CMSA	1,575	1,570	10.5	2.6	28.5	11.0	1,566	24	(−Z)	(−Z)
Milwaukee, WI PMSA	1,404	1,397	10.8	2.5	28.3	11.1	1,394	(X)	−.1	−.1
Racine, WI PMSA	171	173	8.0	4.2	30.8	10.2	174	(X)	.1	.1
Minneapolis-St. Paul, MN-WI MSA	1,982	2,137	2.3	1.0	28.4	9.6	2,231	17	.8	1.0
Mobile, AL MSA	377	444	28.6	1.0	31.3	10.2	466	74	1.6	1.1
Modesto, CA MSA	195	266	1.2	15.0	29.8	11.0	296	113	3.1	2.5
Montgomery, AL MSA	226	273	34.7	.9	30.7	10.1	285	115	1.9	1.0
Nashville-Davidson, TN MSA	699	851	16.1	.7	27.5	10.4	890	44	2.0	1.1
New Haven-Meriden, CT MSA	489	500	10.5	3.7	25.7	12.3	506	71	.2	.3
New London-Norwich, CT-RI MSA	243	251	3.5	1.9	27.6	10.5	257	125	.3	.6
New Orleans, LA MSA	1,100	1,256	32.6	4.0	30.4	9.1	1,319	27	1.3	1.1
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	18,193	17,539	16.1	11.7	26.3	12.2	17,807	1	−.4	.4
Bergen-Passaic, NJ PMSA	1,358	1,293	7.1	7.0	24.9	12.3	1,300	(X)	−.5	.1
Bridgeport-Milford, CT PMSA	444	439	8.3	7.1	26.8	12.1	441	(X)	−.1	.2
Danbury, CT PMSA	136	170	2.6	1.9	30.2	9.1	180	(X)	2.2	1.3
Jersey City, NJ PMSA	608	557	12.6	26.1	26.0	12.6	560	(X)	−.9	.1
Middlesex-Somerset-Hunterdon, NJ PMSA	852	886	5.3	4.4	26.4	8.9	922	(X)	.4	.9
Monmouth-Ocean, NJ PMSA	670	849	6.2	2.5	27.7	15.5	901	(X)	2.4	1.4
Nassau-Suffolk, NY PMSA	2,556	2,606	6.2	3.9	28.6	9.8	2,653	(X)	.2	.4
New York, NY PMSA	9,077	8,275	23.1	17.7	25.2	13.2	8,377	(X)	−.9	.3
Newark, NJ PMSA	1,937	1,879	21.7	6.9	27.5	11.1	1,875	(X)	−.3	(−Z)
Norwalk, CT PMSA	128	127	8.9	4.1	26.7	9.9	128	(X)	−.1	.2
Orange County, NY PMSA	222	260	6.2	4.3	30.5	10.9	274	(X)	1.6	1.2
Stamford, CT PMSA	206	199	8.4	3.7	24.9	12.4	197	(X)	−.4	−.2
Norfolk-Virginia Beach-Newport News, VA MSA	1,059	1,160	28.1	1.6	28.5	7.7	1,261	29	.9	2.0
Oklahoma City, OK MSA	719	861	9.1	2.2	28.2	10.0	963	40	1.8	2.6

See footnotes at end of table.

NO. 24. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 TO 1984, AND SELECTED CHARACTERISTICS, 1980—Continued

[See headnote, p. 21]

METROPOLITAN AREA	1970 (1,000)	1980					1984		AVERAGE ANNUAL PERCENT CHANGE	
		Total (1,000)	Percent—				Total (1,000)	Rank	1970–1980	1980–1984
			Black	Spanish origin [1]	Under 18 years old	65 years old and over				
Omaha, NE-IA MSA	556	585	7.5	2.0	30.3	9.6	607	60	.5	.9
Orlando, FL MSA	453	700	12.9	3.7	27.3	10.9	824	47	4.3	3.8
Pensacola, FL MSA	243	290	16.7	1.6	29.3	8.6	319	109	1.8	2.2
Peoria, IL MSA	342	366	6.0	.9	29.3	10.9	356	96	.7	−.7
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	5,749	5,681	18.2	2.6	27.2	11.5	5,755	4	−.1	.3
Philadelphia, PA-NJ PMSA	4,824	4,717	18.8	2.5	27.1	11.7	4,768	(x)	−.2	.3
Trenton, NJ PMSA	304	308	18.0	3.4	25.5	11.4	314	(x)	.1	.5
Vineland-Millville-Bridgeton, NJ PMSA	121	133	15.0	9.4	30.4	11.7	133	(x)	.9	.1
Wilmington, DE-NJ-MD PMSA	499	523	14.0	1.6	28.2	9.7	540	(x)	.5	.7
Phoenix, AZ MSA	971	1,509	3.2	13.2	28.1	11.6	1,715	22	4.4	3.0
Pittsburgh-Beaver Valley, PA CMSA	2,556	2,423	7.5	.5	24.9	13.4	2,372	15	−.5	−.5
Beaver County, PA PMSA	208	204	5.6	.5	26.6	11.9	199	(x)	−.2	−.6
Pittsburgh, PA PMSA	2,348	2,219	7.7	.5	24.8	13.5	2,173	(x)	−.6	−.5
Portland-Vancouver, OR-WA CMSA	1,047	1,298	2.6	2.0	27.3	11.0	1,341	26	2.1	.8
Portland, OR PMSA	919	1,106	2.9	2.1	26.5	11.3	1,137	(x)	1.9	.6
Vancouver, WA PMSA	128	192	.9	1.6	31.5	9.0	204	(x)	4.0	1.4
Poughkeepsie, NY MSA	222	245	7.0	2.4	27.9	11.1	253	128	1.0	.8
Providence-Pawtucket-Fall River, RI-MA CMSA	1,065	1,083	2.3	2.0	26.1	13.4	1,095	34	.2	.3
Fall River, MA-RI PMSA	152	157	.3	1.8	27.7	14.7	157	(x)	.3	−.1
Pawtucket-Woonsocket-Attleboro, RI-MA PMSA	301	307	.8	2.0	27.3	13.3	312	(x)	.2	.4
Providence, RI PMSA	612	619	3.6	2.1	25.0	13.3	626	(x)	.1	.3
Raleigh-Durham, NC MSA	446	561	26.1	.8	25.3	8.5	609	59	2.3	1.9
Reading, PA MSA	296	313	2.5	2.9	25.3	14.1	317	110	.5	.4
Richmond-Petersburg, VA MSA	676	761	29.1	.9	26.9	9.9	796	49	1.2	1.1
Rochester, NY MSA	962	971	8.0	2.0	27.9	11.0	989	38	.1	.4
Rockford, IL MSA	272	280	7.6	2.4	29.9	10.2	279	118	.3	−.1
Sacramento, CA MSA	848	1,100	5.6	9.6	26.6	9.6	1,220	30	2.6	2.4
Saginaw-Bay City-Midland, MI MSA	401	422	8.9	3.9	31.9	9.1	412	83	.5	−.5
St. Louis, MO-IL MSA	2,429	2,377	17.2	.9	28.7	11.7	2,398	13	−.2	.2
Salem, OR MSA	187	250	.6	4.5	28.3	12.6	255	126	2.9	.5
Salinas-Seaside-Monterey, CA MSA	247	290	6.5	25.9	28.3	9.2	319	108	1.6	2.2
Salt Lake City-Ogden, UT MSA	684	910	.9	4.9	36.3	7.3	1,025	37	2.9	2.6
San Antonio, TX MSA	888	1,072	6.8	44.9	31.8	9.0	1,189	33	1.9	2.4
San Diego, CA MSA	1,358	1,862	5.6	14.8	25.6	10.3	2,064	19	3.2	2.4
San Francisco-Oakland-San Jose, CA CMSA	4,754	5,368	8.7	12.3	25.0	10.4	5,685	5	1.2	1.3
Oakland, CA PMSA	1,628	1,762	15.0	10.5	26.0	9.9	1,871	(x)	.8	1.4
San Francisco, CA PMSA	1,482	1,489	8.6	11.1	20.5	12.6	1,542	(x)	–	.8
San Jose, CA PMSA	1,065	1,295	3.4	17.5	27.7	7.5	1,372	(x)	2.0	1.3
Santa Cruz, CA PMSA	124	188	.8	14.7	24.0	13.2	206	(x)	4.2	2.1
Santa Rosa-Petaluma, CA PMSA	205	300	1.2	6.9	26.2	13.5	326	(x)	3.8	2.0
Vallejo-Fairfield-Napa, CA PMSA	251	334	8.6	10.0	28.6	9.9	368	(x)	2.9	2.2
Santa Barbara-Santa Maria-Lompoc, CA MSA	264	299	2.6	18.5	24.3	11.3	323	106	1.2	1.8
Scranton-Wilkes-Barre, PA MSA	696	729	.6	.4	24.8	15.6	727	51	.5	−.1
Seattle-Tacoma, WA CMSA	1,837	2,093	4.2	2.1	26.2	9.8	2,208	18	1.3	1.3
Seattle, WA PMSA	1,425	1,607	3.6	2.0	25.6	9.9	1,692	(x)	1.2	1.2
Tacoma, WA PMSA	412	486	6.1	2.7	28.3	9.4	516	(x)	1.6	1.4
Shreveport, LA MSA	296	333	33.2	1.5	30.8	10.4	361	95	1.2	1.9
Spokane, WA MSA	287	342	1.3	1.4	28.0	11.5	353	98	1.7	.7
Springfield, MA MSA	528	515	5.5	4.6	26.5	12.8	517	70	−.2	(Z)
Stockton, CA MSA	291	347	5.5	19.2	29.1	11.3	399	86	1.8	3.2
Syracuse, NY MSA	637	643	4.8	.9	28.4	10.7	650	54	.1	.3
Tampa-St. Petersburg-Clearwater, FL MSA	1,106	1,614	9.2	5.0	22.3	21.5	1,811	20	3.8	2.7
Toledo, OH MSA	606	617	10.6	2.7	28.6	11.0	611	58	.2	−.2
Tucson, AZ MSA	352	531	2.8	21.0	26.8	11.7	595	61	4.1	2.7
Tulsa, OK MSA	526	657	7.8	1.5	28.7	10.1	726	52	2.2	2.3
Utica-Rome, NY MSA	340	320	2.4	.9	28.0	13.5	321	107	−.6	.1
Visalia-Tulare-Porterville, CA MSA	188	246	1.4	29.8	32.6	10.7	272	120	2.7	2.4
Washington, DC-MD-VA MSA	3,040	3,251	26.8	2.9	27.2	7.6	3,429	9	.7	1.3
West Palm Beach-Boca Raton-Delray Beach, FL MSA	349	577	13.4	4.9	21.3	23.3	692	53	5.0	4.3
Wichita, KS MSA	389	412	7.8	2.9	28.1	9.9	428	80	.5	.9
Worcester, MA MSA	400	403	1.4	2.2	26.7	13.3	405	84	.1	.1
York, PA MSA	330	381	2.6	.9	27.8	11.5	391	88	1.5	.6
Youngstown-Warren, OH MSA	537	531	10.5	1.3	27.8	11.4	518	69	−.1	−.6

– Represents or rounds to zero. X Not applicable. [1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report, Metropolitan Statistical Areas,* (PC80-51-1B) and *General Population Characteristics* (PC80-1-B); and *Current Population Reports,* series P-25, No. 976.

NO. 25. TOTAL POPULATION, BY AGE AND SEX: 1960 TO 1984

[In thousands, except as indicated. As of July 1. Includes Armed Forces abroad. See text, p. 2 for derivation of estimates. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A23-25 and A29-41]

YEAR AND SEX	Total, all ages	Under 5 years	5-13 years	14-17 years	18-21 years	22-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over	16 years and over	18 years and over	21 years and over	65 years and over	Median age (yr.)
Total:																	
1960	180,671	20,341	32,965	11,219	9,555	6,573	22,919	24,221	20,578	15,625	11,053	5,622	121,835	116,146	108,856	16,675	29.4
1970	205,052	17,166	36,672	15,924	14,719	9,992	25,324	23,150	23,316	18,682	12,493	7,614	143,070	135,290	124,127	20,107	27.9
1975	215,973	16,121	33,919	17,128	16,674	11,331	31,471	22,831	23,757	20,045	13,917	8,779	157,343	148,805	136,139	22,696	28.7
1978	222,585	15,735	32,094	16,946	17,406	12,216	34,963	24,437	23,174	21,112	14,995	9,507	166,422	157,810	144,716	24,502	29.5
1979	225,055	16,063	31,431	16,611	17,505	12,542	36,203	25,176	22,942	21,448	15,338	9,796	169,441	160,950	147,779	25,134	29.8
1980	227,738	16,454	31,094	16,139	17,533	12,812	37,611	25,877	22,749	21,761	15,655	10,054	172,445	164,052	150,864	25,709	30.0
1981	230,043	16,917	30,744	15,584	17,446	12,964	39,075	26,509	22,590	21,956	15,923	10,336	174,957	166,798	153,687	26,259	30.3
1982	232,345	17,279	30,582	15,020	17,304	12,956	39,582	28,190	22,446	22,114	16,209	10,652	177,229	169,453	156,561	26,861	30.6
1983	234,538	17,616	30,369	14,706	16,911	13,013	40,364	29,462	22,388	22,234	16,504	10,970	179,291	171,847	159,260	27,474	30.9
1984	236,681	17,816	30,165	14,707	16,384	12,991	41,107	30,718	22,437	22,316	16,746	11,294	181,263	173,992	161,864	28,040	31.2
Male:																	
1960	89,320	10,339	16,762	5,683	4,810	3,284	11,327	11,872	10,142	7,559	5,133	2,409	59,413	56,536	52,859	7,542	28.5
1970	100,354	8,751	18,687	8,108	7,444	5,007	12,537	11,322	11,253	8,833	5,461	2,953	68,767	64,808	59,164	8,413	26.6
1975	105,366	8,240	17,303	8,722	8,454	5,683	15,635	11,199	11,449	9,416	6,037	3,228	75,444	71,102	64,678	9,265	27.5
1980	110,874	8,416	15,892	8,245	8,880	6,445	18,731	12,724	10,994	10,180	6,792	3,576	82,614	78,322	71,637	10,368	28.8
1984	115,236	9,115	15,438	7,525	8,311	6,544	20,505	15,129	10,895	10,474	7,317	3,982	86,877	83,157	77,002	11,299	30.0
Female:																	
1960	91,352	10,002	16,203	5,536	4,745	3,289	11,591	12,349	10,436	8,067	5,920	3,212	62,422	59,610	55,997	9,133	30.3
1970	104,698	8,415	17,985	7,816	7,275	4,986	12,787	11,828	12,063	9,849	7,032	4,661	74,303	70,482	64,963	11,693	29.2
1975	110,607	7,881	16,616	8,406	8,220	5,648	15,836	11,632	12,307	10,629	7,880	5,551	81,900	77,704	71,461	13,431	29.9
1980	116,864	8,038	15,202	7,894	8,653	6,367	18,880	13,153	11,755	11,582	8,863	6,478	89,831	85,730	79,227	15,341	31.3
1984	121,446	8,702	14,727	7,182	8,073	6,447	20,603	15,589	11,541	11,842	9,429	7,312	94,386	90,835	84,862	16,741	32.5
PERCENT DISTRIBUTION																	
Total:																	
1960	100.0	11.3	18.2	6.2	5.3	3.6	12.7	13.4	11.4	8.6	6.1	3.1	67.4	64.3	60.3	9.2	(X)
1970	100.0	8.4	17.9	7.8	7.2	4.9	12.3	11.3	11.4	9.1	6.1	3.7	69.8	66.0	60.5	9.8	(X)
1975	100.0	7.5	15.7	7.9	7.7	5.2	14.6	10.6	11.0	9.3	6.4	4.1	72.9	68.9	63.0	10.5	(X)
1980	100.0	7.2	13.7	7.1	7.7	5.6	16.5	11.4	10.0	9.6	6.9	4.4	75.7	72.0	66.2	11.3	(X)
1984	100.0	7.5	12.7	6.2	6.9	5.5	17.4	13.0	9.5	9.4	7.1	4.8	76.6	73.5	68.4	11.8	(X)
Male:																	
1960	100.0	11.6	18.8	6.4	5.4	3.7	12.7	13.3	11.4	8.5	5.7	2.7	66.5	63.3	59.2	8.4	(X)
1970	100.0	8.7	18.6	8.1	7.4	5.0	12.5	11.3	11.2	8.8	5.4	2.9	68.5	64.6	59.0	8.4	(X)
1975	100.0	7.8	16.4	8.3	8.0	5.4	14.8	10.6	10.9	8.9	5.7	3.1	71.6	67.5	61.4	8.8	(X)
1980	100.0	7.6	14.3	7.4	8.0	5.8	16.9	11.5	9.9	9.2	6.1	3.2	74.5	70.6	64.6	9.4	(X)
1984	100.0	7.9	13.4	6.5	7.2	5.7	17.8	13.1	9.5	9.1	6.3	3.5	75.4	72.2	66.8	9.8	(X)
Female:																	
1960	100.0	10.9	17.7	6.1	5.2	3.6	12.7	13.5	11.4	8.8	6.5	3.5	68.3	65.3	61.3	10.0	(X)
1970	100.0	8.0	17.2	7.5	6.9	4.8	12.2	11.3	11.5	9.4	6.7	4.5	71.0	67.3	62.0	11.2	(X)
1975	100.0	7.1	15.0	7.6	7.4	5.1	14.3	10.5	11.1	9.6	7.1	5.0	74.0	70.3	64.6	12.1	(X)
1980	100.0	6.9	13.0	6.8	7.4	5.4	16.2	11.3	10.1	9.9	7.6	5.5	76.9	73.4	67.8	13.1	(X)
1984	100.0	7.2	12.1	5.9	6.6	5.3	17.0	12.8	9.5	9.8	7.8	6.0	77.7	74.8	69.9	13.8	(X)

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 311, 519, 917, and 965.

No. 26. Projections of the Total Population by Race, Sex, and Age: 1985 to 2000

[In thousands. As of July 1. Includes Armed Forces overseas. For explanation of assumptions for each series, see headnote, table 6. For explanation of methodology, see text, p. 2]

Race, sex, and age	Lowest series (series 19)			Middle series (series 14)			Highest series (series 9)		
	1985	1990	2000	1985	1990	2000	1985	1990	2000
Total population [1]	**237,605**	**245,753**	**256,098**	**238,631**	**249,657**	**267,955**	**239,959**	**254,122**	**281,542**
White	202,349	207,799	213,498	203,113	210,790	222,654	203,959	213,753	231,980
Male	98,825	101,518	104,369	99,192	102,979	108,879	99,616	104,460	113,536
Female	103,523	106,281	109,129	103,920	107,811	113,775	104,343	109,292	118,445
Black	28,922	30,836	33,957	29,074	31,412	35,753	29,231	31,974	37,602
Male	13,729	14,645	16,156	13,802	14,926	17,040	13,879	15,204	17,958
Female	15,194	16,191	17,802	15,273	16,485	18,714	15,352	16,769	19,644
Male	115,655	119,620	124,671	116,145	121,518	130,491	116,790	123,698	137,163
Under 5 years old	9,235	8,964	7,647	9,444	9,827	9,022	9,665	10,550	10,508
5–17 years old	22,633	22,745	22,989	22,691	23,082	25,458	22,799	23,549	27,842
18–24 years old	14,559	13,016	12,314	14,611	13,127	12,530	14,665	13,283	12,681
25–44 years old	36,592	40,320	39,517	36,691	40,624	40,250	36,691	41,188	41,581
45–64 years old	21,211	22,072	28,949	21,253	22,221	29,468	21,288	22,377	30,074
65 years old and over	11,424	12,503	13,255	11,456	12,637	13,762	11,472	12,751	14,277
Female	121,950	126,133	131,427	122,485	128,139	137,464	123,169	130,424	144,379
Under 5 years old	8,811	8,551	7,295	9,009	9,371	8,604	9,223	10,065	10,022
5–17 years old	21,639	21,741	21,962	21,695	22,056	24,305	21,797	22,506	26,592
18–24 years old	14,069	12,532	11,843	14,128	12,667	12,071	14,216	12,854	12,445
25–44 years old	36,984	40,397	39,051	37,102	40,753	39,908	37,305	41,370	41,397
45–64 years old	23,345	24,063	30,909	23,399	24,231	31,418	23,450	24,390	31,953
65 years old and over	17,104	18,850	20,366	17,152	19,061	21,158	17,178	19,238	21,969
Under 5 years old	18,046	17,515	14,942	18,453	19,198	17,626	18,888	20,615	20,530
5–17 years old	44,272	44,486	44,951	44,385	45,139	49,763	44,597	46,055	54,434
18–24 years old	28,628	25,547	24,157	28,739	25,794	24,601	28,881	26,137	25,326
25–44 years old	73,575	80,717	78,568	73,792	81,376	80,158	74,196	82,558	82,978
45–64 years old	44,555	46,136	59,859	44,652	46,453	60,886	44,748	46,767	62,025
65 years old and over	28,528	31,353	33,621	28,608	31,697	34,921	28,650	31,989	36,246
16 years old and over	182,489	190,198	203,526	183,016	191,819	208,165	183,731	194,035	214,597
18 years old and over	175,286	183,753	196,205	175,792	185,321	200,566	176,473	187,451	206,578

[1] Includes other races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 952.

No. 27. Resident Population, by Sex, Race, Residence, and Median Age: 1790 to 1984

[**In thousands, except as indicated.** Excludes Armed Forces abroad. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A 73–81 and A 143–149]

Date	Sex		Race				Residence [1]		Median age (years)		
	Male	Female	White	Black		Other	Urban	Rural	All races	White	Black
				Number	Percent						
CONTERMINOUS U.S. [2]											
1790 (Aug. 2)	(NA)	(NA)	3,172	757	19.3	(NA)	202	3,726	(NA)	(NA)	(NA)
1800 (Aug. 4)	(NA)	(NA)	4,306	1,002	18.9	(NA)	322	4,986	(NA)	16.0	(NA)
1810 (Aug. 6)	(NA)	(NA)	5,862	1,378	19.0	(NA)	525	6,714	(NA)	16.0	(NA)
1820 (Aug. 7)	4,897	4,742	7,867	1,772	18.4	(NA)	693	8,945	16.7	16.5	17.2
1830 (June 1)	6,532	6,334	10,537	2,329	18.1	(NA)	1,127	11,739	17.2	17.2	18.9
1840 (June 1)	8,689	8,381	14,196	2,874	16.8	(NA)	1,845	15,224	17.8	17.9	17.3
1850 (June 1)	11,838	11,354	19,553	3,639	15.7	(NA)	3,544	19,648	18.9	19.2	17.3
1860 (June 1)	16,085	15,358	26,923	4,442	14.1	79	6,217	25,227	19.4	19.7	17.7
1870 (June 1)	19,494	19,065	33,589	4,880	12.7	89	9,902	28,656	20.2	20.4	18.5
1880 (June 1)	25,519	24,637	43,403	6,581	13.1	172	14,130	36,026	20.9	21.4	18.0
1890 (June 1)	32,237	30,711	55,101	7,489	11.9	358	22,106	40,841	22.0	22.5	17.8
1900 (June 1)	38,816	37,178	66,809	8,834	11.6	351	30,160	45,835	22.9	23.4	19.4
1910 (Apr. 15)	47,332	44,640	81,732	9,828	10.7	413	41,999	49,973	24.1	24.5	20.8
1920 (Jan. 1)	53,900	51,810	94,821	10,463	9.9	427	54,158	51,553	25.3	25.6	22.3
1930 (Apr. 1)	62,137	60,638	110,287	11,891	9.7	597	68,955	53,820	26.4	26.9	23.5
1940 (Apr. 1)	66,062	65,608	118,215	12,866	9.8	589	74,424	57,246	29.0	29.5	25.3
1950 (Apr. 1)	74,833	75,864	134,942	15,042	10.0	713	96,468	54,230	30.2	30.8	26.2
UNITED STATES											
1950 (Apr. 1)	75,187	76,139	135,150	15,045	9.9	1,131	96,847	54,479	30.2	30.7	26.2
1960 (Apr. 1)	88,331	90,992	158,832	18,872	10.5	1,620	125,269	54,054	29.5	30.3	23.5
1970 (Apr. 1) [3]	98,926	104,309	178,098	22,581	11.1	2,557	149,325	53,887	28.0	28.9	22.4
1980 (Apr. 1) [4]	110,053	116,493	194,713	26,683	11.8	5,150	167,051	59,495	30.0	30.9	24.9
1981 (July 1) [5]	111,544	117,999	196,664	27,214	11.9	5,664	(NA)	(NA)	30.3	31.2	25.3
1982 (July 1) [5]	112,644	119,177	198,139	27,643	11.9	6,040	(NA)	(NA)	30.6	31.5	25.6
1983 (July 1) [5]	113,721	120,302	199,593	28,072	12.0	6,357	(NA)	(NA)	30.9	31.9	26.0
1984 (July 1) [5]	114,765	121,393	200,984	28,486	12.1	6,688	(NA)	(NA)	31.3	32.2	26.3

NA Not available. [1] Beginning 1950, current definition. For explanation of change, see text, p. 3. [2] Excludes Alaska and Hawaii. [3] The revised 1970 resident population count is 203,302,031; which incorporates changes due to errors found after tabulations were completed. The race and sex data shown here reflect the official 1970 census count while the residence data come from the tabulated count; see text, p.1. [4] The race data shown for April 1, 1980 have been modified; see text, p. 3 for explanation. [5] Estimated.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1930*, vol. II; *1940*, vol. II, part 1, and vol. IV, part 1; *1950*, vol. II, part 1; *1960*, vol. I; *1970*, vol. I, part B; and *Current Population Reports*, series P-25, Nos. 870 and 965.

No. 28. Resident Population, by Age, Sex, and Race: 1970 to 1984

[In thousands, except as indicated. 1970 and 1980 data based on enumerated population as of **April 1**. **1984** based on estimated population as of **July 1**. Excludes Armed Forces overseas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A119–134]

YEAR, SEX, AND RACE	Total, all years	Under 5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35–39 years	40–44 years	45–49 years	50–54 years	55–59 years	60–64 years	65–74 years	75 years and over	5–13 years	14–17 years	18–24 years	16 years and over	18 years and over	Median age (yr.)
1970, total [1 2]	**203,235**	**17,163**	**19,969**	**20,804**	**19,084**	**16,383**	**13,486**	**11,437**	**11,113**	**11,988**	**12,124**	**11,111**	**9,978**	**8,623**	**12,443**	**7,530**	**36,675**	**15,851**	**23,714**	**141,268**	**133,546**	**28.0**
Male	98,926	8,750	10,175	10,598	9,641	7,925	6,626	5,599	5,416	5,823	5,855	5,351	4,769	4,030	5,440	2,927	18,687	8,069	11,583	67,347	63,419	26.8
Female	104,309	8,413	9,794	10,206	9,443	8,458	6,859	5,838	5,697	6,166	6,269	5,759	5,210	4,593	7,002	4,603	17,987	7,782	12,131	73,920	70,127	29.3
White	178,098	14,464	16,941	17,724	16,412	14,327	11,850	10,000	9,749	10,633	10,868	10,019	9,021	7,818	11,300	6,972	31,171	13,579	20,655	125,520	118,884	28.9
Male	86,906	7,396	8,656	9,056	8,314	6,966	5,869	4,942	4,798	5,207	5,270	4,842	4,319	3,655	4,925	2,690	15,929	6,931	10,133	60,034	56,650	27.6
Female	91,192	7,068	8,285	8,667	8,098	7,361	5,980	5,058	4,951	5,426	5,598	5,178	4,702	4,163	6,374	4,283	15,242	6,648	10,521	65,486	62,234	30.1
Black	22,581	2,434	2,749	2,812	2,425	1,816	1,429	1,254	1,196	1,199	1,124	990	874	734	1,043	501	5,009	2,073	2,721	14,053	13,065	22.4
Male	10,749	1,220	1,378	1,408	1,209	841	658	568	541	544	520	459	405	335	461	207	2,510	1,038	1,282	6,476	5,981	21.0
Female	11,832	1,214	1,371	1,404	1,222	975	771	685	656	655	603	531	469	400	582	293	2,499	1,035	1,438	7,577	7,084	23.6
1980, total [1]	**226,546**	**16,348**	**16,700**	**18,242**	**21,168**	**21,319**	**19,521**	**17,561**	**13,965**	**11,669**	**11,090**	**11,710**	**11,515**	**10,088**	**15,581**	**9,969**	**31,159**	**16,247**	**30,022**	**171,196**	**162,791**	**30.0**
Male	110,053	8,362	8,539	9,316	10,755	10,663	9,705	8,677	6,862	5,708	5,388	5,621	5,482	4,670	6,757	3,548	15,923	8,298	15,054	81,766	77,471	28.8
Female	116,493	7,986	8,161	8,926	10,413	10,655	9,816	8,884	7,104	5,961	5,702	6,089	6,133	5,418	8,824	6,420	15,237	7,950	14,969	89,429	85,320	31.3
White [3]	194,713	13,414	13,717	15,095	17,681	18,072	16,658	15,157	12,122	10,110	9,693	10,360	10,394	9,078	14,045	9,117	25,691	13,492	25,381	149,121	142,116	30.9
Male [3]	94,924	6,882	7,034	7,730	9,008	9,102	8,363	7,565	6,014	4,991	4,755	5,016	4,928	4,221	6,095	3,221	13,165	6,906	12,803	71,559	67,972	29.6
Female [3]	99,788	6,532	6,683	7,365	8,673	8,970	8,295	7,592	6,108	5,119	4,938	5,344	5,466	4,858	7,950	5,896	12,526	6,586	12,579	77,562	74,144	32.2
Black [3]	26,683	2,469	2,509	2,691	3,007	2,749	2,342	1,904	1,469	1,260	1,150	1,135	1,041	874	1,344	748	4,629	2,380	3,948	18,425	17,216	24.9
Male [3]	12,612	1,240	1,265	1,353	1,500	1,313	1,095	879	667	571	519	507	469	386	567	281	2,330	1,198	1,903	8,454	7,844	23.6
Female [3]	14,071	1,220	1,245	1,338	1,506	1,436	1,247	1,025	801	689	632	628	573	488	777	467	2,298	1,181	2,045	9,971	9,372	26.2
1984, total [1]	**236,158**	**17,816**	**16,351**	**17,567**	**18,768**	**21,311**	**21,309**	**19,602**	**16,812**	**13,836**	**11,417**	**11,013**	**11,449**	**10,867**	**16,746**	**11,294**	**30,165**	**14,707**	**29,123**	**180,740**	**173,469**	**31.3**
Male	114,765	9,115	8,367	8,994	9,551	10,684	10,615	9,715	8,278	6,784	5,570	5,319	5,412	5,052	7,317	3,982	15,438	7,525	14,633	86,406	82,687	30.0
Female	121,393	8,702	7,984	8,573	9,216	10,626	10,694	9,887	8,535	7,052	5,847	5,694	6,037	5,805	9,429	7,312	14,727	7,182	14,490	94,333	90,782	32.5
White	200,984	14,485	13,277	14,283	15,382	17,820	17,968	16,649	14,523	11,966	9,901	9,585	10,114	9,710	15,046	10,276	24,470	12,061	24,231	155,920	149,968	32.2
Male	98,011	7,431	6,813	7,328	7,841	8,978	9,028	8,338	7,230	5,925	4,877	4,675	4,809	4,547	6,596	3,597	12,555	6,182	12,223	74,893	71,844	31.0
Female	102,973	7,055	6,463	6,955	7,541	8,842	8,940	8,311	7,293	6,041	5,024	4,910	5,306	5,163	8,450	6,679	11,915	5,879	12,008	81,027	78,125	33.4
Black	28,486	2,682	2,516	2,684	2,818	2,843	2,689	2,303	1,762	1,462	1,213	1,151	1,099	961	1,439	865	4,656	2,194	4,011	20,056	18,955	26.3
Male	13,479	1,356	1,272	1,359	1,414	1,368	1,266	1,067	801	664	547	518	499	427	602	318	2,356	1,108	1,949	9,214	8,658	24.9
Female	15,007	1,325	1,244	1,325	1,404	1,475	1,423	1,236	961	798	665	633	600	534	837	547	2,300	1,085	2,062	10,842	10,297	27.6
Percent:																						
1970	100.0	8.4	9.8	10.2	9.4	8.1	6.6	5.6	5.5	5.9	6.0	5.5	4.9	4.2	6.1	3.7	18.0	7.8	11.7	69.5	65.7	(X)
1980	100.0	7.2	7.4	8.1	9.3	9.4	8.6	7.8	6.2	5.2	4.9	5.2	5.1	4.5	6.9	4.4	13.8	7.2	13.3	75.6	71.9	(X)
1984, total [1]	**100.0**	**7.5**	**6.9**	**7.4**	**7.9**	**9.0**	**9.0**	**8.3**	**7.1**	**5.9**	**4.8**	**4.7**	**4.8**	**4.6**	**7.1**	**4.8**	**12.8**	**6.2**	**12.3**	**76.5**	**73.5**	**(X)**
Male	100.0	7.9	7.3	7.8	8.3	9.3	9.2	8.5	7.2	5.9	4.9	4.6	4.7	4.4	6.4	3.5	13.5	6.6	12.8	75.3	72.0	(X)
Female	100.0	7.2	6.6	7.1	7.6	8.8	8.8	8.1	7.0	5.8	4.8	4.7	5.0	4.8	7.8	6.0	12.1	5.9	11.9	77.7	74.8	(X)
White	100.0	7.2	6.6	7.1	7.7	8.9	8.9	8.3	7.2	6.0	4.9	4.8	5.0	4.8	7.5	5.1	12.2	6.0	12.1	77.6	74.6	(X)
Black	100.0	9.4	8.8	9.4	9.9	10.0	9.4	8.1	6.2	5.1	4.3	4.0	3.9	3.4	5.1	3.0	16.3	7.7	14.1	70.4	66.5	(X)

X Not applicable. [1] Includes other races, not shown separately. [2] Official count. The revised 1970 resident population count is 203,302,031; the difference of 66,733 is due to errors found after release of the official series. [3] The race data shown for April 1, 1980 have been modified. See text, p. 3 for explanation.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–25, Nos. 870 and 965.

NO. 29. RESIDENT POPULATION, BY AGE, 1975 TO 1984, AND BY STATE, 1984

[**In thousands, except percent.** As of **July 1.** For composition of regions, see fig. I, inside front cover. Includes Armed Forces stationed in area. See text, p. 2 for basis of estimates. For explanation of methodology, contact source. See *Historical Statistics, Colonial Times to 1970*, series A 204–209 for decennial census data]

YEAR, REGION, DIVISION, AND STATE	Total	Under 5 years	5–13 years	14–17 years	18–24 years	25–34 years	35–44 years	45–64 years	65 years and over	18 years and over	PERCENT		
											Under 5 years	5 to 17 years	65 years and over
1975	215,465	16,121	33,919	17,125	27,735	31,314	22,760	43,794	22,696	148,300	7.5	23.7	10.5
1980	227,236	16,459	31,084	16,139	30,100	37,426	25,824	44,491	25,713	163,555	7.2	20.8	11.3
1981	229,542	16,917	30,744	15,583	30,150	38,902	26,449	44,539	26,259	166,299	7.4	20.2	11.4
1982	231,822	17,279	30,592	15,020	29,989	39,402	28,125	44,553	26,861	168,931	7.5	19.7	11.6
1983	234,023	17,616	30,369	14,706	29,674	40,175	29,393	44,616	27,474	171,332	7.5	19.3	11.7
1984, U.S	**236,158**	**17,816**	**30,165**	**14,707**	**29,123**	**40,912**	**30,649**	**44,746**	**28,040**	**173,469**	**7.5**	**19.0**	**11.9**
Region:													
Northeast	49,728	3,253	5,821	3,116	6,023	8,267	6,526	10,208	6,515	37,538	6.5	18.0	13.1
Midwest	59,117	4,483	7,754	3,727	7,301	10,189	7,393	11,047	7,223	43,153	7.6	19.4	12.2
South	80,576	6,169	10,582	5,081	10,044	13,806	10,393	15,087	9,414	58,744	7.7	19.4	11.7
West	46,738	3,911	6,009	2,783	5,755	8,649	6,337	8,404	4,888	34,034	8.4	16.8	10.5
N. Eng	**12,577**	**806**	**1,437**	**793**	**1,601**	**2,160**	**1,669**	**2,460**	**1,650**	**9,540**	**6.4**	**17.7**	**13.1**
ME	1,156	82	149	76	138	189	149	222	152	850	7.1	19.4	13.1
NH	977	68	121	63	122	173	137	179	114	725	6.9	18.9	11.7
VT	530	39	67	33	68	96	72	91	63	390	7.4	18.9	11.8
MA	5,798	362	640	363	759	1,015	759	1,124	777	4,433	6.2	17.3	13.4
RI	962	60	107	59	124	161	119	193	138	736	6.2	17.2	14.3
CT	3,154	195	353	199	391	526	433	650	407	2,407	6.2	17.5	12.9
Mid. Atl	**37,151**	**2,446**	**4,384**	**2,323**	**4,422**	**6,107**	**4,856**	**7,748**	**4,865**	**27,998**	**6.6**	**18.1**	**13.1**
NY	17,735	1,183	2,093	1,113	2,157	2,916	2,364	3,663	2,247	13,346	6.7	18.1	12.7
NJ	7,515	485	891	478	879	1,226	1,024	1,590	942	5,661	6.5	18.2	12.5
PA	11,901	778	1,401	732	1,386	1,965	1,469	2,496	1,676	8,991	6.5	17.9	14.1
E. No. Cent	**41,601**	**3,103**	**5,478**	**2,662**	**5,165**	**7,206**	**5,259**	**7,836**	**4,892**	**30,358**	**7.5**	**19.6**	**11.8**
OH	10,752	788	1,408	684	1,306	1,840	1,354	2,092	1,280	7,873	7.3	19.4	11.9
IN	5,498	409	750	353	685	940	695	1,029	638	3,987	7.4	20.1	11.6
IL	11,511	885	1,490	715	1,422	1,989	1,472	2,182	1,356	8,421	7.7	19.2	11.8
MI	9,075	664	1,216	605	1,149	1,612	1,154	1,667	1,007	6,589	7.3	20.1	11.1
WI	4,766	358	614	305	603	825	584	865	611	3,488	7.5	19.3	12.8
W. No. Cent	**17,515**	**1,380**	**2,275**	**1,065**	**2,136**	**2,983**	**2,134**	**3,211**	**2,331**	**12,795**	**7.9**	**19.1**	**13.3**
MN	4,162	330	535	258	525	744	527	726	517	3,038	7.9	19.1	12.4
IA	2,910	220	361	182	339	491	345	541	410	2,126	7.6	19.3	14.1
MO	5,008	374	637	303	612	824	621	955	682	3,694	7.5	18.8	13.6
ND	686	61	95	42	84	121	78	119	87	488	8.9	20.0	12.6
SD	706	63	99	43	84	114	78	128	96	500	9.0	20.2	13.6
NE	1,606	131	215	97	195	272	192	289	216	1,163	8.2	19.4	13.4
KS	2,438	199	313	140	298	418	293	453	323	1,786	8.2	18.6	13.3
So Atl	**39,450**	**2,744**	**4,833**	**2,427**	**4,930**	**6,706**	**5,191**	**7,676**	**4,943**	**29,446**	**7.0**	**18.4**	**12.5**
DE	613	43	74	37	85	108	79	120	67	458	7.0	18.2	11.0
MD	4,349	301	507	277	575	775	620	846	447	3,264	6.9	18.0	10.3
DC	623	42	60	32	88	121	87	117	75	488	6.7	14.8	12.1
VA	5,636	391	686	351	763	1,006	797	1,069	572	4,208	6.9	18.4	10.2
WV	1,952	136	270	125	208	328	244	386	255	1,421	7.0	20.2	13.0
NC	6,165	416	789	395	798	1,072	816	1,189	688	4,564	6.8	19.2	11.2
SC	3,300	252	456	219	438	579	429	596	331	2,373	7.6	20.5	10.0
GA	5,837	443	803	386	768	1,022	797	1,041	577	4,205	7.6	20.4	9.9
FL	10,976	720	1,187	603	1,207	1,695	1,321	2,312	1,931	8,465	6.6	16.3	17.6
E. So. Cent	**15,028**	**1,123**	**2,075**	**985**	**1,849**	**2,511**	**1,897**	**2,801**	**1,787**	**10,845**	**7.5**	**20.4**	**11.9**
KY	3,723	277	514	240	463	633	472	686	438	2,692	7.4	20.2	11.8
TN	4,717	329	617	299	571	800	627	907	566	3,471	7.0	19.4	12.0
AL	3,990	296	552	263	490	663	496	755	476	2,880	7.4	20.4	11.9
MS	2,598	221	393	183	325	414	302	453	306	1,801	8.5	22.2	11.8
W. So. Cent	**26,098**	**2,303**	**3,674**	**1,669**	**3,265**	**4,590**	**3,304**	**4,610**	**2,684**	**18,453**	**8.8**	**20.5**	**10.3**
AR	2,349	177	325	151	267	364	291	439	336	1,697	7.5	20.2	14.3
LA	4,462	405	648	303	578	782	543	769	435	3,107	9.1	21.3	9.7
OK	3,298	281	443	197	395	555	412	613	401	2,377	8.5	19.4	12.1
TX	15,989	1,440	2,257	1,019	2,024	2,888	2,057	2,789	1,514	11,272	9.0	20.5	9.5
Mt	**12,553**	**1,153**	**1,789**	**783**	**1,530**	**2,281**	**1,622**	**2,144**	**1,250**	**8,828**	**9.2**	**20.5**	**10.0**
MT	824	70	114	52	92	146	106	148	96	588	8.5	20.1	11.6
ID	1,001	96	160	66	109	171	127	165	108	679	9.6	22.6	10.8
WY	511	52	77	31	58	103	66	83	42	351	10.2	21.0	8.2
CO	3,178	264	403	189	413	639	453	536	280	2,322	8.3	18.6	8.8
NM	1,424	133	208	95	181	243	179	250	135	988	9.4	21.2	9.5
AZ	3,053	261	406	189	363	528	380	551	375	2,196	8.6	19.5	12.3
UT	1,652	206	311	108	204	284	182	229	128	1,027	12.5	25.4	7.7
NV	911	70	109	54	110	168	129	184	87	677	7.7	18.0	9.5
Pac	**34,184**	**2,758**	**4,220**	**2,000**	**4,225**	**6,368**	**4,715**	**6,260**	**3,638**	**25,206**	**8.1**	**18.2**	**10.6**
WA	4,349	345	552	263	514	813	607	763	492	3,190	7.9	18.7	11.3
OR	2,674	205	345	159	286	490	374	471	344	1,965	7.7	18.8	12.9
CA	25,822	2,063	3,112	1,487	3,211	4,767	3,518	4,772	2,693	18,961	8.1	17.9	10.5
AK	500	56	75	31	72	106	76	68	15	338	11.2	21.2	3.1
HI	1,039	90	136	61	141	192	140	186	94	752	8.6	19.0	9.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 917, 965, and 970.

No. 30. Ratio of Males to Females, by Age Group, 1910 to 1984, and by Race, 1984

[Represents number of males per 100 females. Total resident population]

Age	1910 (Apr. 15)	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)	1950 (Apr. 1)	1960 (Apr. 1)	1970 (Apr. 1)	1980 (Apr. 1)	1984 (July 1)		
									Total [1]	White	Black
All ages	**106.0**	**[2] 104.1**	**[2] 102.5**	**100.7**	**98.6**	**97.1**	**94.8**	**94.5**	**94.5**	**95.2**	**89.8**
Under 14 years	102.1	102.1	102.6	103.0	103.7	103.4	103.9	104.6	104.8	105.4	102.4
14–24 years	101.2	97.3	98.4	98.9	98.2	98.7	98.7	101.9	102.2	102.9	97.1
25–44 years	110.2	105.1	101.8	98.5	96.4	95.7	95.5	97.4	97.9	99.8	86.0
45–64 years	114.4	115.2	109.1	105.2	100.1	95.7	91.6	90.7	91.4	92.7	81.8
65 years and over	101.1	101.3	100.5	95.5	89.6	82.8	72.1	67.6	67.5	67.4	66.5

[1] Includes other races, not shown separately. [2] Includes "age not reported."

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1930*, vol. II; *1940*, vol. II, part 1, and vol. IV, part 1; *1950*, vol. II, part 1; *1960*, vol. I, part 1; *1970*, vol. I, part B; and *Current Population Reports*, series P-25, No. 965.

No. 31. Persons 65 Years Old and Over—Characteristics, by Sex: 1960 to 1984

Characteristic	Male					Female				
	1960	1970	1975	1980	1984	1960	1970	1975	1980	1984
Total [1] [2] (million)	**7.5**	**8.3**	**8.7**	**9.9**	**10.7**	**9.0**	**11.5**	**12.4**	**14.2**	**15.5**
Percent of total population	8.6	8.5	8.6	9.2	9.6	9.9	11.1	11.5	12.4	13.0
White [1] (million)	6.9	7.6	7.9	9.0	9.7	8.4	10.6	11.3	12.9	14.1
Black [1] (million)	.5	.7	.8	.8	.9	.6	.9	1.1	1.2	1.3
Age: [3]										
65–69 years (percent)	3.3	3.2	3.5	3.5	3.6	3.7	3.7	4.1	4.2	4.2
70–74 years (percent)	2.5	2.3	2.4	2.6	2.7	2.8	3.0	3.0	3.4	3.5
75–79 years (percent)	1.6	1.6	1.5	1.7	1.8	1.9	2.2	2.2	2.5	2.7
80 years and over (percent)	1.2	1.4	1.5	1.6	1.7	1.6	2.3	2.7	3.0	3.3
Percent below poverty level: [1] [4]										
Family householders	29.7	16.6	7.9	8.4	7.3	31.5	23.5	12.3	13.0	15.5
Unrelated individuals	58.5	40.0	25.8	25.3	22.1	69.1	49.9	31.7	30.5	27.7
PERCENT DISTRIBUTION										
Marital status: [1]										
Single	7.3	7.5	4.7	4.9	5.0	8.5	7.7	5.8	5.9	5.6
Married	71.7	73.1	79.3	78.0	77.8	36.8	35.6	39.1	39.5	39.8
Spouse present	69.0	69.9	77.3	76.1	75.6	35.0	33.9	37.6	37.9	38.2
Spouse absent	2.7	3.2	2.0	1.9	2.2	1.8	1.7	1.5	1.7	1.6
Widowed	19.4	17.1	13.6	13.5	14.0	53.1	54.4	52.5	51.2	50.5
Divorced	1.7	2.3	2.5	3.6	3.1	1.5	2.3	2.6	3.4	4.2
Family status: [1]										
In families	82.3	79.2	83.3	83.0	82.6	67.7	58.5	59.3	56.8	56.6
Nonfamily householders	12.8	14.9	15.4	15.7	15.7	26.8	35.2	39.4	42.0	42.0
Secondary individuals	2.4	2.4	1.2	1.3	1.7	3.0	1.9	1.3	1.1	1.4
Residents of institutions [1]	2.5	3.6	(NA)	(NA)	(NA)	2.4	4.4	(NA)	(NA)	(NA)
Living arrangements: [1]										
Living in household	97.4	95.5	99.8	99.9	99.7	97.0	95.0	99.8	99.7	99.5
Living alone	(NA)	14.1	14.8	14.9	14.8	(NA)	33.8	38.0	41.0	41.0
Spouse present [5]	73.2	69.9	77.3	76.1	75.6	36.9	33.9	37.6	37.9	38.2
Living with someone else	(NA)	11.5	7.7	8.9	9.3	(NA)	27.4	24.2	20.8	20.4
Not in household [1] [6]	2.6	4.5	.2	.1	.3	3.0	5.0	.2	.3	.5
Years of school completed:										
8 years or less	72.5	61.5	52.6	45.3	37.9	66.4	56.1	48.0	41.6	35.1
1–3 years of high school	10.4	12.6	14.0	15.5	15.8	12.8	13.9	15.5	16.7	16.3
4 years of high school	7.8	12.5	16.8	21.4	25.9	11.6	18.1	21.8	25.8	30.7
1–3 years of college	4.9	5.6	7.2	7.5	9.3	6.1	6.7	8.4	8.6	9.7
4 years or more of college	4.3	7.9	9.4	10.3	11.2	3.2	5.2	6.3	7.4	8.3
Labor force participation: [7]										
Employed	30.9	26.2	21.0	18.5	16.0	9.9	10.0	7.8	7.9	7.2
Unemployed	1.7	1.0	1.2	.5	.5	.4	.3	.4	.3	.3
Not in labor force	67.3	72.8	77.9	81.1	83.5	89.7	89.7	91.8	91.8	92.6

NA Not available. [1] Civilian population as of March. Beginning 1975, excludes institutional population. [2] Includes other races, not shown separately. [3] Estimated total resident population as of July 1. [4] Poverty status based on income in preceding year. [5] For 1960, includes a small number of "spouse present" in group quarters. [6] In institutions and other group quarters. [7] Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 399 and earlier reports; series P-23, Nos. 57 and 59; series P-25, Nos. 917 and 965, and series P-60, No. 147 and earlier reports.

NO. 32. RESIDENT POPULATION, BY RACE AND SPANISH ORIGIN—STATES: 1980

[In thousands. As of April 1. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series A199-201]

REGION, DIVISION, AND STATE	Total	White	Black	American Indian [1]	Chinese	Filipino	Japanese	Asian Indian	Korean	Vietnamese	All other races	Spanish origin [2]
U.S	**226,546**	**188,372**	**26,495**	**1,420.4**	**806.0**	**774.7**	**701.0**	**361.5**	**354.6**	**261.7**	**6,999.2**	**14,609**
Region:												
Northeast	49,135	42,326	4,848	79.0	217.7	75.1	46.9	120.8	68.2	24.9	1,328.0	2,604
Midwest	58,866	52,195	5,337	248.4	72.9	80.0	44.5	85.2	62.2	36.7	704.0	1,277
South	75,372	58,960	14,048	372.2	90.6	82.6	44.7	83.6	70.4	80.3	1,539.9	4,474
West	43,172	34,890	2,262	720.7	424.8	537.0	564.9	72.0	153.8	120.0	3,427.4	6,254
N. Eng	**12,348**	**11,586**	**475**	**21.6**	**33.0**	**8.5**	**7.8**	**15.5**	**8.6**	**6.1**	**167.2**	**299**
ME	1,125	1,110	3	4.1	.5	.7	.3	.4	.5	.5	4.8	5
NH	921	910	4	1.4	.6	.3	.4	.6	.5	.2	2.3	6
VT	511	507	1	1.0	.3	.1	.2	.3	.3	.1	1.3	3
MA	5,737	5,363	221	7.7	25.0	3.1	4.5	8.4	4.7	3.2	96.4	141
RI	947	897	28	2.9	1.7	1.2	.5	.9	.6	.3	14.8	20
CT	3,108	2,799	217	4.5	4.7	3.1	1.9	5.0	2.1	1.8	67.6	124
Mid. Atl	**36,787**	**30,741**	**4,374**	**57.4**	**184.8**	**66.6**	**39.1**	**105.2**	**59.5**	**18.8**	**1,140.8**	**2,305**
NY	17,558	13,961	2,402	39.6	146.1	34.0	24.5	60.5	34.2	6.6	847.7	1,659
NJ	7,365	6,127	925	8.4	23.4	24.4	9.9	29.5	12.8	2.9	201.0	492
PA	11,864	10,652	1,047	9.5	13.3	8.3	4.7	15.2	12.5	9.3	92.1	154
E. No. Cent	**41,682**	**36,150**	**4,549**	**105.9**	**57.6**	**66.8**	**34.5**	**71.5**	**45.9**	**19.3**	**579.7**	**1,068**
OH	10,798	9,587	1,077	12.2	9.9	7.4	5.5	13.1	7.3	3.5	64.5	120
IN	5,490	5,004	415	7.8	4.0	3.6	2.4	4.3	3.3	2.3	43.3	87
IL	11,427	9,233	1,675	16.3	26.6	43.9	18.6	35.7	24.0	7.0	343.7	636
MI	9,262	7,872	1,199	40.0	11.0	11.2	5.9	14.7	8.7	4.2	95.1	162
WI	4,706	4,443	183	29.5	4.1	2.7	2.2	3.7	2.6	2.2	33.1	63
W. No. Cent	**17,183**	**16,044**	**789**	**142.5**	**15.3**	**11.2**	**9.9**	**13.7**	**16.3**	**17.3**	**124.3**	**209**
MN	4,076	3,936	53	35.0	4.8	2.7	2.8	3.7	5.3	5.9	25.7	32
IA	2,914	2,839	42	5.5	2.1	1.2	1.0	2.1	2.3	2.5	16.2	26
MO	4,917	4,346	514	12.3	4.3	4.0	2.6	4.1	3.5	3.2	22.8	52
ND	653	626	3	20.2	.3	.4	.2	.3	.3	.3	2.5	4
SD	691	640	2	45.0	.3	.3	.3	.2	.3	.4	2.3	4
NE	1,570	1,490	48	9.2	1.1	.9	1.4	.9	1.0	1.4	15.1	28
KS	2,364	2,168	126	15.4	2.4	1.7	1.6	2.4	2.6	3.7	39.6	63
So. Atl	**36,959**	**28,659**	**7,652**	**118.7**	**50.5**	**56.5**	**25.1**	**46.2**	**44.7**	**28.5**	**277.5**	**1,194**
DE	594	466	96	1.3	1.0	.8	.4	1.1	.5	.2	5.9	10
MD	4,217	3,159	958	8.0	14.5	11.0	4.8	13.7	15.1	4.1	28.8	65
DC	638	172	449	1.0	2.5	1.3	.8	.9	.3	.5	10.3	16
VA	5,347	4,230	1,009	9.5	9.4	18.9	5.2	8.5	12.6	10.0	34.4	80
WV	1,950	1,875	65	1.6	.9	1.3	.4	1.6	.6	.3	3.2	13
NC	5,882	4,458	1,319	64.7	3.2	2.5	3.2	4.7	3.6	2.4	21.2	57
SC	3,122	2,147	949	5.8	1.4	3.7	1.4	2.2	1.4	1.1	8.1	33
GA	5,463	3,947	1,465	7.6	4.3	2.8	3.4	4.9	5.0	2.3	20.1	61
FL	9,746	8,185	1,343	19.3	13.4	14.2	5.6	9.1	4.7	7.6	145.2	858
E. So. Cent	**14,666**	**11,702**	**2,869**	**22.5**	**7.6**	**5.8**	**4.8**	**8.6**	**6.7**	**5.1**	**34.2**	**120**
KY	3,661	3,379	259	3.6	1.3	1.4	1.1	2.2	2.1	1.1	9.4	27
TN	4,591	3,835	726	5.1	2.9	1.9	1.7	3.2	2.2	1.4	11.3	34
AL	3,894	2,873	996	7.6	1.5	1.0	1.4	2.0	1.8	1.3	8.4	33
MS	2,521	1,615	887	6.2	1.8	1.4	.7	1.2	.6	1.3	5.1	25
W. So. Cent	**23,747**	**16,599**	**3,527**	**231.0**	**32.5**	**20.3**	**14.7**	**28.8**	**19.0**	**46.7**	**1,228.1**	**3,160**
AR	2,286	1,890	374	9.4	1.3	.9	.8	.8	.6	2.1	8.5	18
LA	4,206	2,912	1,238	12.1	3.3	2.6	1.5	2.9	1.7	10.9	20.5	99
OK	3,025	2,598	205	169.5	2.5	1.7	2.0	2.9	2.7	4.7	37.0	57
TX	14,229	11,198	1,710	40.1	25.5	15.1	10.5	22.2	14.0	29.1	1,164.1	2,986
Mt	**11,373**	**9,961**	**269**	**364.4**	**19.5**	**13.8**	**27.0**	**7.3**	**13.0**	**11.1**	**686.9**	**1,443**
MT	787	740	2	37.3	.3	.5	.8	.2	.3	.3	5.2	10
ID	944	902	3	10.5	.9	.7	2.6	.3	.6	.4	23.5	37
WY	470	446	3	7.1	.4	.3	.6	.2	.2	.2	10.8	24
CO	2,890	2,571	102	18.1	3.9	2.9	9.9	2.3	5.3	4.0	170.4	340
NM	1,303	978	24	106.1	1.4	1.2	1.3	.8	.7	1.0	188.7	477
AZ	2,718	2,241	75	152.7	6.8	3.3	4.1	2.1	2.4	1.9	229.0	441
UT	1,461	1,383	9	19.3	2.7	.9	5.5	.8	1.3	2.1	36.6	60
NV	800	700	51	13.3	3.0	4.1	2.3	.6	2.1	1.1	22.7	54
Pac	**31,800**	**24,929**	**1,993**	**356.4**	**405.3**	**523.2**	**538.0**	**64.7**	**140.9**	**108.8**	**2,740.5**	**4,811**
WA	4,132	3,779	106	60.8	18.1	24.4	26.4	4.0	13.1	9.8	90.8	120
OR	2,633	2,491	37	27.3	8.0	4.3	8.4	1.9	4.4	5.6	45.5	86
CA	23,668	18,031	1,819	201.4	322.3	357.5	261.8	57.9	103.8	89.6	2,423.4	4,544
AK	402	310	14	64.1	.5	3.1	1.6	.2	1.5	.4	7.0	10
HI	965	319	17	2.8	56.3	133.9	239.7	.8	18.0	3.5	173.8	71

[1] Includes Eskimo and Aleut. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter B (PC80-1-B).

No. 33. Social and Economic Characteristics of the White Population: 1984

[See headnote, table 34]

Characteristic	Number (1,000)		Percent distribution		Characteristic	Number (1,000)		Percent distribution	
	Total	White	Total	White		Total	White	Total	White
Total persons	**231,852**	**197,823**	**100.0**	**100.0**	FAMILY TYPE				
Under 5 years	17,991	14,491	7.8	7.3	**Total families**	**61,997**	**53,934**	**100.0**	**100.0**
5-14 years	33,558	27,366	14.5	13.8	With own children [2]	31,046	26,207	50.1	48.6
15-44 years	109,740	93,086	47.3	47.1	Married couple	50,090	45,529	80.8	84.4
45-64 years	44,273	39,109	19.1	19.8	With own children [2]	24,339	21,701	39.3	40.2
65 years and over	26,291	23,771	11.3	12.0	Female householder [3]	9,878	6,784	15.9	12.6
YEARS OF SCHOOL COMPLETED					With own children [2]	5,907	3,856	9.5	7.1
					Male householder [3]	2,030	1,621	3.3	3.0
Persons 25 yr. and over	140,794	123,103	100.0	100.0	With own children [2]	799	650	1.3	1.2
Elementary: 0-8 years	20,142	16,417	14.3	13.3	FAMILY INCOME, **1983**				
High school:					**Total families**	**61,997**	**53,934**	**100.0**	**100.0**
1-3 years	17,433	14,400	12.4	11.7	Less than $5,000	3,565	2,386	5.7	4.4
4 years	54,073	48,177	38.4	39.1	$5,000-$9,999	6,328	4,780	10.2	8.8
College:					$10,000-$14,999	7,207	6,083	11.6	11.3
1-3 years	22,281	19,793	15.8	16.1	$15,000-$24,999	14,451	12,759	23.3	23.7
4 years or more	26,862	24,316	19.1	19.8	$25,000-$49,999	22,628	20,606	36.5	38.2
LABOR FORCE STATUS					$50,000 or more	7,817	7,320	12.6	13.6
					Median income (dol.) [4]	24,580	25,757	(x)	(x)
Civilians 16 yr. and over	176,383	152,347	100.0	100.0	Persons below poverty level [5]	35,266	23,974	15.2	12.1
Civilian labor force	113,544	98,492	64.4	64.6	HOUSING TENURE				
Employed	105,005	92,120	59.5	60.5					
Unemployed	8,539	6,372	4.8	4.2	**Total occupied units**	**85,407**	**74,376**	**100.0**	**100.0**
Unemployment rate [1]	7.5	6.5	(x)	(x)	Owner-occupied	55,157	50,055	64.6	67.3
Not in labor force	62,839	53,855	35.6	35.4	Renter-occupied	30,250	24,321	35.4	32.7

X Not applicable. [1] Total unemployment as percent of civilian labor force. [2] Children under 18 years old. [3] With no spouse present. [4] For definition of median, see Guide to Tabular Presentation. [5] For explanation of poverty level, see text, pp. 429 and 430.

No. 34. Social and Economic Characteristics of the Black Population: 1984

[As of **March,** except **labor force status, annual average.** Based on Current Population Survey, which covers civilian noninstitutional population and members of Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See text, pp. 1 and 2, and Appendix III]

Characteristic	Number (1,000)		Percent distribution		Characteristic	Number (1,000)		Percent distribution	
	Total	Black	Total	Black		Total	Black	Total	Black
Total persons	**231,852**	**27,738**	**100.0**	**100.0**	FAMILY TYPE				
Age:					**Total families**	**61,997**	**6,675**	**100.0**	**100.0**
Under 5 years	17,991	2,873	7.8	10.4	With own children [2]	31,046	3,918	50.1	58.7
5-14 years	33,558	4,988	14.5	18.0	Married couple	50,090	3,446	80.8	51.6
15-44 years	109,740	13,448	47.3	48.5	With own children [2]	24,339	1,876	39.3	28.1
45-64 years	44,273	4,239	19.1	15.3	Female householder [3]	9,878	2,874	15.9	43.1
65 years and over	26,291	2,191	11.3	7.9	With own children [2]	5,907	1,913	9.5	28.7
YEARS OF SCHOOL COMPLETED					Male householder [3]	2,030	354	3.3	5.3
					With own children [2]	799	129	1.3	1.9
Persons 25 yr. and over	140,794	14,369	100.0	100.0	FAMILY INCOME, **1983**				
Elementary: 0-8 years	20,142	3,229	14.3	22.5	**Total families**	**61,997**	**6,675**	**100.0**	**100.0**
High school:					Less than $5,000	3,565	1,079	5.7	16.2
1-3 years	17,433	2,731	12.4	19.0	$5,000-$9,999	6,328	1,365	10.2	20.4
4 years	54,073	4,926	38.4	34.3	$10,000-$14,999	7,207	981	11.6	14.7
College:					$15,000-$24,999	14,451	1,436	23.3	21.5
1-3 years	22,281	1,989	15.8	13.8	$25,000-$49,999	22,628	1,549	36.5	23.2
4 years or more	26,862	1,495	19.1	10.4	$50,000 or more	7,817	264	12.6	4.0
LABOR FORCE STATUS					Median income (dol.) [4]	24,580	14,506	(x)	(x)
					Persons below poverty level [5]	35,266	9,885	15.2	35.7
Civilians 16 yr. and over	176,383	19,348	100.0	100.0	HOUSING TENURE				
Civilian labor force	113,544	12,033	64.4	62.2					
Employed	105,005	10,119	59.5	52.3	**Total occupied units**	**85,407**	**9,236**	**100.0**	**100.0**
Unemployed	8,539	1,914	4.8	9.9	Owner-occupied	55,157	4,204	64.6	45.5
Unemployment rate [1]	7.5	15.9	(x)	(x)	Renter-occupied	30,250	5,032	35.4	54.5
Not in labor force	62,839	7,315	35.6	37.8					

X Not applicable. [1] Total unemployment as percent of civilian labor force. [2] Children under 18 years old. [3] With no spouse present. [4] For definition of median, see Guide to Tabular Presentation. [5] For explanation of poverty level, see text, pp. 429 and 430.

Source of tables 33 and 34: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 146 and 147, and P-20, No. 398 and unpublished data. Labor force data are published by U.S. Bureau of Labor Statistics, *Employment and Earnings*, January 1985.

NO. 35. ESTIMATED COMPONENTS OF POPULATION CHANGE, BY RACE, 1970 TO 1984, AND PROJECTIONS, 1985 TO 1990

[Includes Armed Forces overseas. Projections are for middle series (series 14), see headnote, table 6 for explanation of assumptions. See text, p. 2 for explanation of methodology]

RACE AND YEAR	TOTAL (Jan. 1–Dec. 31)						RATE PER 1,000 MIDYEAR POPULATION				
	Population at start of period (1,000)	Net increase [1]		Natural increase		Net civilian immigration (1,000)	Net growth rate [1]	Natural increase			Net civilian immigration rate
		Total (1,000)	Percent [2]	Births (1,000)	Deaths (1,000)			Total	Birth rate	Death rate	
WHITE											
1970	178,692	2,050	1.1	3,095	1,687	327	11.4	7.8	17.2	9.4	1.8
1975	186,955	1,459	.8	2,552	1,661	173	7.8	4.7	13.6	8.9	.9
1976	188,413	1,478	.8	2,568	1,675	184	7.8	4.7	13.6	8.9	1.0
1977	189,891	1,657	.9	2,691	1,665	223	8.7	5.4	14.1	8.7	1.2
1978	191,549	1,698	.9	2,681	1,690	295	8.8	5.2	13.9	8.8	1.5
1979	193,247	1,587	.8	2,808	1,677	271	8.2	5.8	14.5	8.6	1.4
1980	194,834	1,513	.8	2,899	1,739	364	7.7	5.9	14.8	8.9	1.9
1981	196,347	1,476	.8	2,909	1,732	296	7.5	6.0	14.8	8.8	1.5
1982	197,823	1,484	.8	2,942	1,739	280	7.5	6.1	14.8	8.8	1.4
1983	199,307	1,402	.7	2,886	1,765	281	7.0	5.6	14.4	8.8	1.4
1984	200,709	1,422	.7	2,943	1,790	268	7.1	5.7	14.6	8.9	1.3
Projections:											
1985	202,334	1,560	.8	3,076	1,787	271	7.7	6.3	15.1	8.8	1.3
1986	203,894	1,560	.8	3,096	1,806	271	7.6	6.3	15.1	8.8	1.3
1987	205,454	1,552	.8	3,107	1,825	271	7.5	6.2	15.1	8.9	1.3
1988	207,006	1,535	.7	3,108	1,844	271	7.4	6.1	15.0	8.9	1.3
1989	208,541	1,505	.7	3,097	1,863	271	7.2	5.9	14.8	8.9	1.3
1990	210,046	1,464	.7	3,074	1,883	271	6.9	5.7	14.6	8.9	1.3
BLACK											
1970	22,617	424	1.9	575	226	39	18.6	15.3	25.2	9.9	1.7
1975	24,602	382	1.6	512	218	38	15.4	11.8	20.6	8.8	1.5
1976	24,983	384	1.5	514	220	42	15.3	11.7	20.5	8.7	1.7
1977	25,367	417	1.6	544	220	48	16.3	12.7	21.3	8.6	1.9
1978	25,784	429	1.7	552	221	61	16.5	12.7	21.2	8.5	2.3
1979	26,213	467	1.8	578	221	54	17.7	13.5	21.9	8.4	2.1
1980	26,680	456	1.7	590	233	79	17.0	13.2	21.9	8.7	3.0
1981	27,136	431	1.6	588	229	72	15.8	13.1	21.5	8.4	2.6
1982	27,567	426	1.5	593	227	60	15.3	13.2	21.3	8.2	2.2
1983	27,993	417	1.5	588	229	58	14.8	12.7	20.8	8.1	2.1
1984	28,410	419	1.5	599	236	56	14.7	12.7	21.0	8.3	2.0
Projections:											
1985	28,844	463	1.6	644	237	56	15.9	14.0	22.1	8.1	1.9
1986	29,307	467	1.6	649	239	56	15.8	13.9	22.0	8.1	1.9
1987	29,773	469	1.6	653	240	56	15.6	13.8	21.8	8.0	1.9
1988	30,242	469	1.5	656	242	56	15.4	13.6	21.5	7.9	1.8
1989	30,711	467	1.5	656	244	56	15.1	13.3	21.2	7.9	1.8
1990	31,179	464	1.5	654	246	56	14.8	13.0	20.8	7.8	1.8

[1] Includes overseas admissions into, less discharges from, Armed Forces and includes for 1970–1980 "error of closure" (the amount necessary to make the components of change add to the net change between censuses), for which figures are not shown separately. [2] Percent of population at beginning of period.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–25, Nos. 952 and 971.

NO. 36. PROJECTIONS OF THE WHITE AND BLACK POPULATION, BY AGE: 1985 TO 2000

[In thousands. As of **July 1.** Includes Armed Forces overseas. For explanation of assumptions for each series, see headnote, table 6. For explanation of methodology, see text, p. 2]

RACE AND AGE	LOWEST SERIES (series 19)			MIDDLE SERIES (series 14)			HIGHEST SERIES (series 9)		
	1985	1990	2000	1985	1990	2000	1985	1990	2000
WHITE									
Total	**202,349**	**207,799**	**213,498**	**203,113**	**210,790**	**222,654**	**203,959**	**213,753**	**231,980**
Under 5 years old	14,492	14,046	11,760	14,813	15,390	13,843	15,146	16,451	15,958
5–17 years old	36,294	36,028	35,876	36,375	36,523	39,667	36,502	37,149	43,061
18–24 years old	23,735	20,989	19,485	23,817	21,170	19,806	23,898	21,369	20,238
25–44 years old	62,794	68,124	64,831	62,943	68,581	65,945	63,160	69,277	67,622
45–64 years old	39,219	40,300	51,512	39,286	40,530	52,267	39,330	40,695	52,939
65 years old and over	25,815	28,312	30,032	25,874	28,597	31,126	25,901	28,809	32,162
16 years old and over	157,502	162,971	171,734	157,880	164,160	175,245	158,285	165,486	179,346
18 years old and over	151,563	157,726	165,862	151,925	158,877	169,144	152,311	160,152	172,962
BLACK									
Total	**28,922**	**30,836**	**33,957**	**29,074**	**31,412**	**35,753**	**29,231**	**31,974**	**37,602**
Under 5 years old	2,989	2,948	2,620	3,057	3,215	3,079	3,120	3,440	3,570
5–17 years old	6,583	6,942	7,553	6,598	7,042	8,321	6,624	7,159	9,031
18–24 years old	4,124	3,766	3,715	4,138	3,798	3,773	4,155	3,849	3,865
25–44 years old	8,586	10,063	10,909	8,616	10,155	11,127	8,656	10,271	11,433
45–64 years old	4,324	4,578	6,326	4,339	4,624	6,479	4,347	4,659	6,618
65 years old and over	2,318	2,538	2,834	2,330	2,579	2,976	2,329	2,598	3,084
16 years old and over	20,408	21,922	24,996	20,479	22,138	25,613	20,552	22,372	26,317
18 years old and over	19,352	20,946	23,785	19,420	21,154	24,354	19,487	21,375	25,002

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–25, No. 952.

NO. 37. SPANISH-ORIGIN POPULATION, BY AGE AND SEX: 1980

[**In thousands, except percent.** As of **April 1.** Persons of Spanish origin may be of any race]

ITEM	Total, all years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65 years and over
Total	**14,609**	**1,663**	**1,537**	**1,475**	**1,606**	**1,586**	**1,376**	**1,129**	**854**	**712**	**622**	**564**	**454**	**321**	**709**
Male	7,280	848	783	747	827	819	697	558	416	345	300	270	217	147	305
Female	7,329	815	754	728	780	767	679	570	438	367	321	294	237	174	404
PERCENT DISTRIBUTION															
Total	**100.0**	**11.4**	**10.5**	**10.1**	**11.0**	**10.9**	**9.4**	**7.7**	**5.8**	**4.9**	**4.3**	**3.9**	**3.1**	**2.2**	**4.9**
Male	100.0	11.6	10.8	10.3	11.4	11.3	9.6	7.7	5.7	4.7	4.1	3.7	3.0	2.0	4.2
Female	100.0	11.1	10.3	9.9	10.6	10.5	9.3	7.8	6.0	5.0	4.4	4.0	3.2	2.4	5.5

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter B (PC80-1-B).

NO. 38. SOCIAL AND ECONOMIC CHARACTERISTICS OF THE SPANISH-ORIGIN POPULATION: 1985

[As of **March.** Persons of Spanish origin may be of any race. Based on Current Population Survey, which covers the civilian noninstitutional population and members of Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See text, pp. 1 and 2, and Appendix III]

CHARACTERISTIC	NUMBER (1,000)					PERCENT DISTRIBUTION				
	Total	Spanish origin				Total	Spanish origin			
		Total	Mexican	Puerto Rican	Other		Total	Mexican	Puerto Rican	Other
Total persons	**234,066**	**16,940**	**10,269**	**2,562**	**4,108**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under 5 years	17,958	1,809	1,205	271	332	7.7	10.7	11.7	10.6	8.1
5-17 years	44,740	4,283	2,818	679	786	19.0	25.3	27.4	26.5	19.1
18-64 years	144,551	10,029	5,818	1,542	2,668	61.8	59.2	56.8	60.3	64.9
65 years old and over	26,818	819	428	68	322	11.5	4.8	4.2	2.7	7.8
YEARS OF SCHOOL COMPLETED										
Persons 25 years old and over	143,524	8,455	4,755	1,241	2,459	100.0	100.0	100.0	100.0	100.0
Elementary: 0-8 years	19,893	3,192	2,062	417	712	13.9	37.7	43.4	33.7	29.0
High school: 1-3 years	17,553	1,210	700	248	263	12.2	14.3	14.7	20.0	10.7
4 years	54,866	2,402	1,243	347	812	38.2	28.4	26.1	28.0	33.0
College: 1-3 years	23,405	932	486	141	304	16.3	11.0	10.2	11.4	12.4
4 years or more	27,808	718	264	87	367	19.4	8.5	5.5	7.0	14.9
LABOR FORCE STATUS										
Persons 16 years old and over	178,587	11,466	6,625	1,721	3,120	100.0	100.0	100.0	100.0	100.0
In civilian labor force	114,256	7,362	4,427	882	2,053	64.0	64.2	66.8	51.2	65.8
Employed	105,550	6,532	3,900	756	1,875	59.1	57.0	58.9	43.9	60.1
Unemployed	8,706	830	527	126	178	4.9	7.2	8.0	7.3	5.7
Unemployment rate [1]	7.6	11.3	11.9	14.3	8.7	(X)	(X)	(X)	(X)	(X)
FAMILY TYPE										
Total families	62,706	3,939	2,251	621	1,067	100.0	100.0	100.0	100.0	100.0
With own children [2]	31,112	2,602	1,543	447	612	49.6	66.1	68.5	72.1	57.4
Married couple	50,350	2,824	1,703	323	798	80.3	71.7	75.7	52.0	74.8
With own children [2]	24,210	1,892	1,207	218	467	38.6	48.0	53.6	35.1	43.8
Female householder [3]	10,129	905	418	273	213	16.2	23.0	18.6	44.0	20.0
With own children [2]	6,006	642	302	213	127	9.6	16.3	13.4	34.3	11.9
Male householder [3]	2,228	210	130	25	56	3.6	5.3	5.8	4.0	5.2
With own children [2]	896	68	34	16	18	1.4	1.7	1.5	2.6	1.7
FAMILY INCOME, 1984										
Total families	62,706	3,939	2,251	621	1,067	100.0	100.0	100.0	100.0	100.0
Less than $5,000	3,144	383	173	128	83	5.0	9.7	7.6	20.6	7.8
$5,000-$9,999	5,894	618	350	143	125	9.4	15.7	15.6	22.9	11.7
$10,000-$14,999	6,780	591	377	83	131	10.8	15.0	16.8	13.4	12.4
$15,000-$24,999	13,520	937	559	118	259	21.5	23.7	24.8	19.1	24.2
$25,000-$49,999	23,481	1,145	658	129	361	37.4	29.0	29.2	20.7	33.7
$50,000 or more	9,889	263	136	20	107	15.8	6.6	6.0	3.3	10.1
Median income (dol.) [4]	26,433	18,833	19,184	12,371	21,664	(X)	(X)	(X)	(X)	(X)
Persons below poverty level [5]	33,700	4,806	2,904	1,106	795	14.4	28.4	28.3	43.2	19.4
HOUSEHOLDS BY TENURE										
Total occupied units	86,789	4,883	(NA)	(NA)	(NA)	100.0	100.0	(NA)	(NA)	(NA)
Owner-occupied	55,845	2,007	(NA)	(NA)	(NA)	64.3	41.1	(NA)	(NA)	(NA)
Renter-occupied	30,943	2,876	(NA)	(NA)	(NA)	35.7	58.9	(NA)	(NA)	(NA)

NA Not available. X Not applicable. [1] Total unemployment as percent of civilian labor force.
[2] Children under 18 years old. [3] With no spouse present. [4] For definition of median, see Guide to Tabular Presentation.
[5] For explanation of poverty level, see text, p. 429.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 149; and unpublished data.

NO. 39. NATIVE POPULATION, BY PLACE OF BIRTH: 1900 TO 1980

[In thousands, except percent. 1950 based on 20-percent sample; 1960 on 25-percent sample; 1970 on 15-percent sample. See source for sampling variability. 1980 data are based on a sample from the 1980 census; *see text, p. 1. See also Historical Statistics, Colonial Times to 1970,* series C 1-10]

YEAR	Total	Born in State of residence	BORN IN OTHER STATES		State of birth not reported	Born in outlying areas [1]	Born abroad or at sea of American parents
			Number	Percent			
1900	65,653	51,902	13,501	20.6	180	3	67
1910	78,456	61,185	16,910	*21.6*	*286*	*7*	*68*
1920	91,790	71,071	20,274	22.1	314	38	93
1930	108,571	82,678	25,388	23.4	238	136	131
1940	120,074	92,610	26,906	22.4	280	157	122
1950	139,869	102,788	35,284	*25.2*	*1,370*	*330*	*96*
1960	169,588	119,293	44,681	26.4	4,541	660	402
1970	193,591	131,718	50,639	26.2	8,973	891	1,370
1980	212,466	144,871	65,452	30.8	(2)	1,086	1,055

[1] Through 1950, includes Alaska and Hawaii. Includes Puerto Rico, a U.S. possession from 1898 to 1952 and a commonwealth since 1952. [2] Place of birth was allocated to those who did not report.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960,* vol. II, part 2A; *1970,* vol. I, parts C and D; *1980 Census of Population,* vol. 1, chapter C (PC80-1-C) and chapter D (PC80-1-D).

NO. 40. SELECTED CHARACTERISTICS OF THE POPULATION BY SELECTED COUNTRY OF BIRTH: 1980

[In percent, except as indicated. As of **April 1.** Based on a sample and subject to sampling variability, see text, pp. 1 and 4 and Appendix III. For data on year of immigration and citizenship status, see table 131. For definition of median, see Guide to Tabular Presentation]

NATIVITY AND SELECTED COUNTRY OF BIRTH	Total persons (1,000)	Males per 100 females	AGE		EDUCATION [1]		OCCUPATION OF EMPLOYED PERSONS [3]		Median household income in 1979 (dol.)
			Under 15 years	65 yrs. and over	High school graduates	College graduates [2]	Professional specialty	Service occupations	
Total [4]	**226,546**	**94.5**	**22.6**	**11.3**	**66.5**	**16.2**	**12.3**	**12.9**	**16,841**
Native	212,466	94.9	23.5	10.6	67.7	16.3	12.3	12.7	17,010
Foreign born	14,080	87.8	8.8	21.2	53.1	15.8	12.0	16.1	14,588
Asia:									
Philippines	501	86.4	11.3	10.4	74.0	41.8	20.1	16.2	22,787
Korea	290	67.0	24.2	2.6	77.8	34.2	14.7	17.0	18,085
China	286	102.0	3.8	14.8	60.0	29.5	16.8	24.4	18,544
Vietnam	231	108.8	30.0	1.7	62.1	12.9	8.6	16.4	12,521
Japan	222	56.3	10.7	9.8	78.0	24.4	13.6	20.8	16,016
India	206	124.8	12.9	2.0	88.9	66.2	42.8	5.3	25,644
Iran	122	177.8	10.7	3.3	87.1	42.8	25.9	14.4	11,344
Hong Kong	80	101.9	15.8	1.4	80.3	42.7	19.1	18.6	18,094
Taiwan	75	85.5	13.9	1.5	89.1	59.8	30.4	13.7	18,271
Israel	67	125.8	13.4	5.7	78.8	34.9	24.9	6.8	19,063
Latin America:									
Mexico	2,199	111.4	14.7	7.6	21.3	3.0	2.5	16.6	12,747
Cuba	608	86.2	4.1	13.8	54.9	16.1	9.2	12.2	16,326
Jamaica	197	79.7	10.2	7.3	63.5	11.0	10.2	29.9	15,290
Dominican Republic	169	80.5	9.2	4.2	30.1	4.3	3.1	18.5	10,130
Colombia	144	86.4	10.6	3.6	62.8	14.6	8.1	15.8	15,883
El Salvador	94	77.8	10.7	2.9	41.4	6.5	2.6	31.7	12,261
Haiti	92	94.5	6.3	4.1	64.4	13.4	8.0	27.4	13,377
Ecuador	86	88.6	9.1	3.9	56.0	9.3	5.3	14.7	15,402
Argentina	69	102.5	9.3	6.7	70.9	24.2	16.3	13.1	18,892
Trinidad and Tobago	66	82.3	9.4	4.4	70.3	12.4	10.3	23.3	14,733
Guatemala	63	84.9	13.3	2.8	42.7	6.9	3.9	27.9	13,385
Panama	61	69.3	10.2	6.8	74.0	16.0	13.0	18.4	15,255
North America: Canada	843	70.5	4.9	29.3	61.8	14.3	16.2	11.4	15,953
Europe:									
Germany	849	62.6	4.7	27.9	67.3	14.9	13.4	14.1	15,790
Italy	832	95.6	2.1	44.5	28.6	5.3	6.1	16.3	13,736
England	442	61.3	6.2	26.8	74.6	16.4	17.4	12.2	16,006
Poland	418	81.2	.9	51.1	40.5	10.0	10.8	13.5	13,748
Portugal	212	100.7	10.1	14.8	22.3	3.3	2.3	10.0	17,345
Greece	211	114.7	4.3	21.7	40.4	9.5	8.0	25.0	16,103
Ireland	198	58.5	1.1	47.1	52.1	8.8	14.5	21.7	13,762
Yugoslavia	153	99.1	4.0	28.0	41.1	10.2	8.4	18.1	16,321
Austria	146	63.4	.9	62.7	50.2	15.1	19.8	11.6	11,272
Hungary	144	87.3	.7	46.0	53.4	16.6	17.3	10.3	14,403
Scotland	142	62.6	2.3	42.2	68.0	9.8	12.1	14.2	14,267
France	120	59.2	4.7	20.4	74.3	22.8	17.2	17.9	16,104
Czechoslovakia	113	73.2	1.0	48.4	47.7	14.7	16.0	12.3	13,912
Netherlands	103	96.8	2.3	27.2	67.6	20.3	15.7	11.1	18,563
Sweden	77	83.6	2.0	63.4	48.0	11.9	19.0	12.6	9,903
Spain	74	99.1	8.2	29.3	46.9	12.7	14.1	18.4	14,947
Romania	67	93.7	3.4	38.1	53.2	19.0	18.6	12.3	15,353
Norway	63	89.1	1.6	56.3	48.6	11.8	16.4	11.9	11,486
Soviet Union	406	80.5	5.7	57.8	47.2	15.7	15.9	13.2	10,021

[1] For persons 25 years old and over. [2] Completed 4 years or more of college. [3] For persons 16 years old and over.
[4] Includes other countries not shown separately.

Source: U.S. Bureau of the Census, unpublished data.

No. 41. Population by Selected Ancestry Group and Region: 1980

[As of April 1. Covers persons who reported single and multiple ancestry groups. Persons who reported a multiple ancestry group may be included in more than one category. Major classifications of ancestry groups do not represent strict geographic or cultural definitions. The European ancestry groups shown are those with one million or more persons and other groups shown are those with 75,000 or more persons. Based on a sample and subject to sampling variability; see text, pp. 1 and 4 and Appendix III. For composition of regions, see fig. 1, inside front cover]

Ancestry group	Number (1,000)	Percent distribution, by region				Ancestry group	Number (1,000)	Percent distribution, by region			
		Northeast	Midwest	South	West			Northeast	Midwest	South	West
European: [1]						Other—Con.					
English	49,598	16	23	40	21	Chinese	894	25	9	12	55
German	49,224	19	41	22	18	Filipino	795	10	11	11	68
Irish	40,166	24	26	32	18	Japanese	791	7	8	9	77
French [2]	12,892	26	27	27	19	Korean	377	18	18	20	43
Italian	12,184	57	16	13	14	Asian Indian	312	35	23	23	19
Scottish	10,049	19	23	35	24	Vietnamese	215	9	14	33	44
Polish	8,228	41	36	11	10	Jamaican	253	70	6	18	5
Dutch	6,304	18	35	26	20	Haitian	90	72	4	21	2
Swedish	4,345	15	43	12	31	Mexican	7,693	1	9	35	55
Norwegian	3,454	7	55	7	31	Spanish/Hispanic [5]	2,667	23	8	26	43
Russian [3]	2,781	48	17	16	19	Puerto Rican	1,444	73	11	8	7
Czech [4]	1,892	18	49	18	15	Cuban	598	24	4	63	9
Hungarian	1,777	39	33	13	14	Dominican	171	91	1	6	2
Welsh	1,665	25	27	22	27	Colombian	156	54	7	26	13
Danish	1,518	9	38	10	43	Spaniard	95	36	6	36	22
Portuguese	1,024	50	3	6	41	Ecuadoran	88	64	7	11	18
Other:						Salvadoran	85	13	3	9	75
Lebanese	295	31	27	26	16	Hawaiian	202	2	3	6	89
Armenian	213	39	14	5	42	American Indian	6,716	9	24	44	24
Iranian	123	17	15	26	42	French Canadian	780	47	23	13	17
Syrian	107	47	20	18	15	Canadian	456	42	19	15	23
Arab/Arabian [5]	93	19	29	21	30						
Afro-American	20,965	17	22	53	9						
African [5]	204	33	19	33	15						

[1] Excludes Spaniard. [2] Excludes French Basque. [3] Represents persons who reported as "Russian", "Great Russian", "Georgian", and other related European or Asian groups. Excludes Ukrainian, Ruthenian, Belorussian and some other distinct ethnic groups. See source for further information. [4] Includes persons who reported as "Czech," "Bohemian," and "Moravian," as well as the general response of "Czechoslovakian." [5] Represents a general type of response which may encompass several ancestry groups.

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report*, series PC80-S1-10.

No. 42. Current Languages Other Than English Spoken at Home: 1980

[As of April 1. Based on a sample and subject to sampling variability, see text, p. 1 and Appendix III]

Current language spoken	Persons 5 to 17 years old		Persons 18 yrs. old and over		Current language spoken	Persons 5 to 17 years old		Persons 18 yrs. old and over	
	Total (1,000)	Difficulty with English [1] (percent)	Total (1,000)	Difficulty with English [1] (percent)		Total (1,000)	Difficulty with English [1] (percent)	Total (1,000)	Difficulty with English [1] (percent)
Total persons	**47,494**	(X)	**162,753**	(X)	Chinese	114	20.9	516	31.6
Speaking a language other than English	4,568	14.0	18,492	19.4	Greek	66	5.2	336	17.0
Spanish	2,952	15.4	8,164	27.6	Philippine languages	63	8.9	411	9.4
Italian	147	5.4	1,471	14.0	Portuguese	68	10.3	284	31.6
French	223	6.8	1,328	7.2	Japanese	34	18.7	303	19.6
German	192	6.2	1,395	4.7	Korean	60	17.0	207	32.4
Polish	41	5.7	780	10.6	Vietnamese	64	36.0	130	38.7
					All other	544	12.3	3,167	11.2

X Not applicable. [1] Persons reported as speaking English "not well" or "not at all".

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter C (PC80-1-C); and unpublished data.

NO. 43. MARITAL STATUS OF THE POPULATION, BY SEX: 1960 TO 1984

[In millions, except percent. 1960, persons 14 years old and over; thereafter, 18 and over. As of March. Based on Current Population Survey and excludes Armed Forces except those living off post or with their families on post; see text, pp. 1 and 2 and Appendix III. See *Historical Statistics, Colonial Times to 1970*, series A 160-171, for decennial data]

MARITAL STATUS AND SEX	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total	**125.5**	**121.8**	**132.5**	**143.2**	**148.3**	**150.7**	**153.3**	**159.5**	**162.1**	**164.7**	**167.1**	**169.5**
Single	27.7	16.2	21.4	25.1	27.5	29.1	30.6	32.3	33.2	34.4	35.9	36.9
Married	84.4	89.2	95.0	99.7	100.8	101.0	101.5	104.6	105.3	106.2	106.7	107.1
Widowed	10.6	10.9	11.8	11.9	11.9	12.0	12.4	12.7	12.8	12.7	12.8	13.2
Divorced	2.9	3.5	4.3	6.5	8.0	8.6	8.8	9.9	10.8	11.5	11.6	12.3
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single	22.0	14.9	16.2	17.5	18.5	19.3	20.0	20.3	20.5	20.9	21.5	21.8
Married	67.3	73.2	71.7	69.6	68.0	67.0	66.2	65.5	64.9	64.5	63.9	63.2
Widowed	8.4	9.0	8.9	8.3	8.0	8.0	8.1	8.0	7.9	7.7	7.7	7.8
Divorced	2.3	2.9	3.2	4.6	5.4	5.7	5.8	6.2	6.7	7.0	6.9	7.3
Males, total	**60.6**	**58.0**	**62.5**	**67.9**	**70.3**	**71.5**	**72.7**	**75.7**	**76.9**	**78.1**	**79.3**	**80.5**
Single	15.4	10.3	11.8	14.1	15.4	16.1	17.0	18.0	18.4	19.1	19.9	20.5
Married	41.8	44.2	47.1	49.4	49.9	50.1	50.3	51.8	52.1	52.5	52.9	53.0
Widowed	2.3	2.1	2.1	1.8	1.9	1.9	1.9	2.0	1.9	1.9	1.9	2.1
Divorced	1.1	1.4	1.6	2.5	3.2	3.4	3.5	3.9	4.4	4.6	4.6	4.9
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single	25.3	17.7	18.9	20.8	21.9	22.5	23.3	23.8	23.9	24.5	25.1	25.5
Married	69.1	76.2	75.3	72.8	70.9	70.1	69.2	68.4	67.8	67.2	66.6	65.8
Widowed	3.7	3.7	3.3	2.7	2.7	2.7	2.7	2.6	2.5	2.4	2.4	2.6
Divorced	1.9	2.5	2.5	3.7	4.5	4.7	4.8	5.2	5.7	5.9	5.8	6.1
Percent standardized for age:[1]												
Single	25.3	16.4	16.5	16.6	17.2	17.9	18.6	18.7	18.9	19.5	20.1	20.8
Married	69.1	77.5	77.6	76.5	75.1	74.3	73.5	72.9	72.3	71.7	71.0	70.0
Widowed	3.7	3.6	3.3	2.8	2.8	2.8	2.8	2.7	2.7	2.5	2.5	2.6
Divorced	1.9	2.5	2.6	4.0	4.8	5.0	5.1	5.6	6.2	6.4	6.3	6.5
Females, total	***64.9***	***63.8***	***70.0***	***75.3***	***77.9***	***79.3***	***80.6***	***83.8***	***85.2***	***86.6***	***87.7***	***88.9***
Single	12.3	7.9	9.6	11.0	12.2	13.0	13.6	14.3	14.8	15.3	16.0	16.4
Married	42.6	45.0	47.9	50.3	50.9	50.9	51.2	52.8	53.2	53.6	53.8	54.1
Widowed	8.3	8.8	9.7	10.1	10.0	10.1	10.4	10.8	10.8	10.8	10.9	11.1
Divorced	1.7	2.1	2.7	4.0	4.9	5.3	5.4	6.0	6.4	6.9	7.0	7.4
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single	19.0	12.4	13.7	14.6	15.6	16.4	16.9	17.1	17.4	17.6	18.3	18.4
Married	65.6	70.5	68.5	66.7	65.3	64.2	63.5	63.0	62.4	61.9	61.4	60.8
Widowed	12.8	13.8	13.9	13.4	12.9	12.7	13.0	12.8	12.7	12.5	12.4	12.5
Divorced	2.6	3.3	3.9	5.3	6.2	6.6	6.6	7.1	7.6	8.0	7.9	8.3
Percent standardized for age:[1]												
Single	19.0	11.6	12.1	12.4	13.1	13.8	14.3	14.5	14.8	15.1	15.9	16.2
Married	65.6	71.8	70.8	69.2	68.0	67.0	66.3	65.9	65.3	64.7	64.1	63.4
Widowed	12.8	13.3	13.0	12.8	12.2	12.1	12.3	12.1	11.9	11.8	11.5	11.4
Divorced	2.6	3.3	4.1	5.6	6.7	7.1	7.1	7.6	8.1	8.5	8.5	8.9

[1] 1960 age distribution used as standard; standardization improves comparability over time by removing effects of changes in age distribution of population.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 399, and earlier reports.

NO. 44. PERCENT MARRIED AND DIVORCED OF THE POPULATION, 18 YEARS OLD AND OVER: 1960 TO 1984

[As of March. Based on Current Population Survey and excludes Armed Forces except those living off post or with their families on post; see text, pp. 1 and 2 and Appendix III]

SEX AND RACE	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Percent married:													
Male	76.4	76.2	75.3	72.8	72.2	70.9	70.1	69.2	68.4	67.8	67.2	66.6	65.8
White	77.3	76.9	76.1	73.9	73.4	72.3	71.7	70.7	70.0	69.6	69.0	68.3	67.7
Black	[1] 68.4	[1] 70.2	66.9	62.7	61.6	59.6	57.6	55.7	54.6	53.5	53.1	52.2	50.6
Female	71.6	70.5	68.5	66.7	66.2	65.3	64.2	63.5	63.0	62.4	61.9	61.4	60.8
White	72.2	70.9	69.3	68.0	67.6	66.7	65.9	65.2	64.7	64.1	63.7	63.3	62.8
Black	[1] 66.3	[1] 67.6	61.7	55.5	54.5	53.5	50.3	49.0	48.7	48.1	47.3	45.7	44.5
Percent divorced:													
Male	2.0	2.5	2.5	3.7	4.0	4.5	4.7	4.8	5.2	5.7	5.9	5.8	6.1
White	2.0	2.4	2.4	3.6	3.8	4.4	4.5	4.5	5.0	5.5	5.7	5.7	6.0
Black	[1] 2.2	[1] 3.4	3.6	5.1	5.9	5.4	6.9	7.2	7.0	8.1	8.1	7.4	7.0
Female	2.9	3.3	3.9	5.3	5.7	6.2	6.6	6.6	7.1	7.6	8.0	7.9	8.3
White	2.7	3.1	3.8	5.0	5.5	6.0	6.3	6.4	6.8	7.2	7.8	7.6	8.0
Black	[1] 4.6	[1] 4.5	5.0	7.5	7.8	8.8	9.3	8.9	9.5	10.3	9.6	10.5	11.0

[1] Black and other races.

Source: US Bureau of the Census, *Current Population Reports*, series P-20, No. 399, and earlier reports.

No. 45. Marital Status of the Population, by Sex and Age: 1984

[**Persons 18 years old and over.** As of **March.** Based on Current Population Survey, which includes members of Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces; see text, pp. 1 and 2 and Appendix III. See *Historical Statistics, Colonial Times to 1970,* series A 160–171, for decennial census data]

SEX AND AGE	NUMBER OF PERSONS (1,000)					PERCENT DISTRIBUTION				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
Male	**80,546**	**20,549**	**53,033**	**2,073**	**4,892**	**100.0**	**25.5**	**65.8**	**2.6**	**6.1**
18–19 years	3,808	3,686	121	–	2	100.0	96.8	3.2	–	.1
20–24 years	10,388	7,771	2,441	5	170	100.0	74.8	23.5	–	1.6
25–29 years	10,443	3,952	5,930	10	551	100.0	37.8	56.8	.1	5.3
30–34 years	9,433	1,971	6,587	12	862	100.0	20.9	69.8	.1	9.1
35–44 years	14,713	1,405	11,788	51	1,470	100.0	9.5	80.1	.3	10.0
45–54 years	10,747	670	9,049	119	909	100.0	6.2	84.2	1.1	8.5
55–64 years	10,266	559	8,749	366	592	100.0	5.4	85.2	3.6	5.8
65–74 years	7,067	385	5,786	632	263	100.0	5.4	81.9	8.9	3.7
75 years old and over	3,662	149	2,581	878	74	100.0	4.0	70.1	23.8	2.0
Female	**88,926**	**16,357**	**54,073**	**11,079**	**7,416**	**100.0**	**18.4**	**60.8**	**12.5**	**8.3**
18–19 years	3,862	3,363	481	–	19	100.0	87.1	12.5	–	.5
20–24 years	10,620	6,044	4,184	9	383	100.0	56.9	39.4	.1	3.6
25–29 years	10,603	2,748	6,952	64	839	100.0	25.9	65.6	.6	7.9
30–34 years	9,894	1,291	7,193	82	1,129	100.0	13.3	74.2	.8	11.6
35–44 years	15,345	1,011	11,893	329	2,111	100.0	6.6	77.5	2.1	13.8
45–54 years	11,493	532	9,022	693	1,246	100.0	4.6	78.5	6.0	10.8
55–64 years	11,767	498	8,171	2,054	1,043	100.0	4.2	69.4	17.5	8.9
65–74 years	9,172	459	4,654	3,585	475	100.0	5.0	50.7	39.1	5.2
75 years old and over	6,370	411	1,524	4,262	172	100.0	6.5	23.9	66.9	2.7

– Represents zero or rounds to zero.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 399.

No. 46. Single (Never-Married) Persons 18 Years Old and Over as Percent of Total Population, by Age and Sex: 1960 to 1984

[**1960,** as of **April;** thereafter based on Current Population Survey as of **March.** See headnote, table 45]

AGE	MALE					FEMALE				
	1960	1970	1975	1980	1984	1960	1970	1975	1980	1984
Total	**17.3**	**18.9**	**20.8**	**23.8**	**25.5**	**11.9**	**13.7**	**14.6**	**17.1**	**18.4**
18 years	94.6	95.1	96.8	97.4	98.2	75.6	82.0	83.7	88.0	91.4
19 years	87.1	89.9	89.3	90.9	95.3	59.7	68.8	71.4	77.6	82.9
20–24 years	53.1	54.7	59.9	66.8	74.8	28.4	35.8	40.3	50.2	56.9
25–29 years	20.8	19.1	22.3	33.1	37.8	10.5	10.5	13.8	20.9	25.9
30–34 years	11.9	9.4	11.1	15.9	20.9	6.9	6.2	7.5	9.5	13.3
35–39 years	8.8	7.2	8.6	7.8	11.6	6.1	5.4	5.0	6.2	7.5
40–44 years	7.3	6.3	7.2	7.1	6.9	6.1	4.9	4.8	4.8	5.4
45–54 years	7.4	7.5	6.3	6.1	6.2	7.0	4.9	4.6	4.7	4.6
55–64 years	8.0	7.8	6.5	5.3	5.4	8.0	6.8	5.1	4.5	4.2
65 years old and over	7.7	7.5	4.7	4.9	5.0	8.5	7.7	5.8	5.9	5.6

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 399, and earlier reports.

No. 47. Interracial Married Couples: 1970 to 1984

[**In thousands. 1970,** 14 years old and over; **1980** and **1984,** 15 years old and over. **1970** data as of **April. 1980** and **1984** data as of **March** and based on Current Population Survey; see headnote, table 45]

ITEM	1970	1980	1984	ITEM	1970	1980	1984
Total married couples	**44,597**	**49,714**	**50,864**	Other interracial married couples	245	484	587
Interracial married couples	310	651	762	Husband Black	8	20	17
All Black-White married couples	65	167	175	Wife Black	4	14	6
Husband Black, wife White	41	122	111	Husband White	139	287	340
Wife Black, husband White	24	45	64	Wife White	94	163	224

Source: U.S. Bureau of the Census, *Census of Population: 1970, Marital Status,* PC(2)-4C; *Current Population Reports,* series P-20, No. 398, and earlier reports.

NO. 48. MARITAL STATUS OF THE BLACK AND SPANISH ORIGIN POPULATION: 1970 TO 1984

[Black population: persons 18 years old and over. Spanish origin population: 1970 and 1975, persons 14 years old and over; thereafter, 18 and over. Except as noted, as of **March** and based on Current Population Survey, which includes members of Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces]

SEX AND YEAR	NUMBER OF PERSONS (1,000)					PERCENT DISTRIBUTION				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
BLACK										
Total: 1970	12,972	2,668	8,310	1,427	567	100.0	20.6	64.1	11.0	4.4
1975	14,262	3,449	8,373	1,521	920	100.0	24.2	58.7	10.7	6.5
1980	16,636	5,070	8,545	1,627	1,396	100.0	30.5	51.4	9.8	8.4
1983	17,816	5,938	8,660	1,593	1,624	100.0	33.3	48.6	8.9	9.1
1984	18,288	6,273	8,638	1,693	1,684	100.0	34.3	47.2	9.3	9.2
Male: 1970	5,899	1,435	3,944	307	212	100.0	24.3	66.9	5.2	3.6
1975	6,368	1,733	3,990	319	327	100.0	27.2	62.7	5.0	5.1
1980	7,416	2,540	4,051	308	517	100.0	34.3	54.6	4.2	7.0
1983	7,947	2,901	4,149	309	588	100.0	36.5	52.2	3.9	7.4
1984	8,183	3,131	4,140	336	575	100.0	38.3	50.6	4.1	7.0
Female: 1970	7,074	1,233	4,366	1,120	355	100.0	17.4	61.7	15.8	5.0
1975	7,894	1,716	4,383	1,202	593	100.0	21.7	55.5	15.2	7.5
1980	9,222	2,530	4,494	1,319	878	100.0	27.4	48.7	14.3	9.5
1983	9,868	3,037	4,512	1,283	1,036	100.0	30.8	45.7	13.0	10.5
1984	10,105	3,141	4,498	1,357	1,109	100.0	31.1	44.5	13.4	11.0
SPANISH ORIGIN [1]										
Total: 1970 [2]	5,872	1,718	3,666	287	201	100.0	29.3	62.4	4.9	3.4
1975	7,264	2,293	4,378	298	296	100.0	31.6	60.3	4.1	4.1
1980	7,888	1,901	5,176	350	460	100.0	23.1	65.6	4.4	5.8
1983	8,856	2,110	5,771	383	594	100.0	23.8	65.2	4.3	6.7
1984	9,288	2,181	6,069	422	617	100.0	23.5	65.3	4.5	6.6
Male: 1970 [2]	2,838	914	1,801	56	67	100.0	32.2	63.5	2.0	2.3
1975	3,520	1,277	2,103	42	98	100.0	36.3	59.7	1.2	2.8
1980	3,787	1,035	2,541	60	151	100.0	27.3	67.1	1.6	4.0
1983	4,147	1,152	2,745	51	199	100.0	27.8	66.2	1.2	4.8
1984	4,312	1,126	2,924	67	194	100.0	26.1	67.8	1.6	4.5
Female: 1970 [2]	3,033	804	1,864	231	134	100.0	26.5	61.5	7.6	4.4
1975	3,744	1,016	2,275	256	198	100.0	27.1	60.8	6.8	5.3
1980	4,101	865	2,635	291	310	100.0	21.1	64.3	7.1	7.6
1983	4,711	958	3,026	332	395	100.0	20.3	64.2	7.0	8.4
1984	4,975	1,054	3,144	354	422	100.0	21.2	63.2	7.1	8.5

[1] Persons of Spanish origin may be of any race. [2] As of April.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, PC(2)1C, *Persons of Spanish Origin; Current Population Reports*, series P-20, No. 399 and earlier reports; and unpublished data.

NO. 49. EVER-MARRIED PERSONS 25–54 YEARS OLD WHO WERE DIVORCED OR SEPARATED AT TIME OF SURVEY, BY RACE, SEX, AND AGE: 1970 TO 1984

[As of **March**. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III]

YEAR, SEX, AND AGE	EVER MARRIED (1,000)			PERCENT DIVORCED			PERCENT SEPARATED		
	Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
1970: Male, total	31,304	28,189	2,817	3.3	3.1	5.5	1.8	1.1	9.4
25-34 years	10,402	9,318	975	3.0	2.9	3.9	1.6	1.2	5.1
35-44 years	10,516	9,464	953	3.0	2.6	5.8	2.1	1.1	11.6
45-54 years	10,384	9,407	889	3.9	3.7	6.7	1.9	1.0	11.7
Female, total	34,299	30,401	3,505	5.2	5.0	7.7	3.3	1.8	18.3
25-34 years	11,590	10,220	1,236	5.0	4.7	6.6	3.8	2.1	17.6
35-44 years	11,264	9,917	1,188	5.6	5.3	8.8	3.1	1.6	18.3
45-54 years	11,445	10,264	1,081	5.1	4.9	7.6	3.1	1.9	14.9
1980: Male, total	35,326	31,422	3,062	8.2	7.9	12.6	3.0	2.3	10.4
25-34 years	13,550	12,021	1,154	8.6	8.6	10.8	3.3	2.7	9.5
35-44 years	11,505	10,239	1,020	8.8	8.1	16.2	2.9	2.2	10.2
45-54 years	10,271	9,162	888	7.1	6.7	10.7	2.6	1.7	11.8
Female, total	39,169	34,093	4,066	11.0	10.5	16.5	4.5	2.9	18.7
25-34 years	15,694	13,650	1,591	11.6	11.2	16.5	5.4	3.6	21.2
35-44 years	12,271	10,625	1,320	11.5	10.9	17.5	4.5	2.7	19.2
45-54 years	11,204	9,818	1,155	9.7	9.0	15.5	3.4	2.1	14.8
1984: Male, total	37,398	33,076	3,281	10.2	10.0	13.5	3.0	2.2	12.0
25-34 years	13,953	12,428	1,194	10.1	9.9	13.1	3.2	2.6	9.7
35-44 years	13,308	11,709	1,193	11.0	10.9	14.6	3.1	2.0	14.7
45-54 years	10,077	8,939	894	9.0	8.8	12.6	2.8	1.9	11.5
Female, total	41,553	36,041	4,267	12.8	12.1	20.1	4.6	3.2	16.4
25-34 years	16,258	14,084	1,693	12.1	11.7	18.1	5.3	3.8	19.0
35-44 years	14,334	12,420	1,483	14.7	13.7	24.5	4.4	3.1	15.8
45-54 years	10,961	9,537	1,151	11.4	10.8	17.2	3.9	2.7	13.6

[1] Includes other races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 399, and earlier reports.

No. 50. Marital Status and Marital Dissolution Among Women, 15–44 Years Old: 1982

[Based on the National Survey of Family Growth, see Appendix III]

Age, race, and Spanish origin	All women, 15–44 years old					Characteristic	Ever-married women, 15–44 yrs			
	Number (1,000)	Percent currently married			Percent formerly married [1]		Percent first marriage dissolved [3]		Percent remarried after divorce or widowhood	
		Total	First marriage	Remarriage			Within 5 yrs.	By date of survey	Within 5 yrs.	By date of survey
Total	**54,099**	**52.2**	**44.1**	**8.1**	**12.4**	**Total**	**16.4**	**31.7**	**49.4**	**60.5**
15–19 yrs	9,521	6.4	6.4	–	.7	Age: [4]				
20–24 yrs	10,629	38.9	36.4	2.4	6.4	Less than 20 yrs	20.3	40.9	56.8	69.1
25–29 yrs	10,263	62.8	53.2	9.6	13.0	20 yrs or over	12.6	22.9	35.7	44.6
30–34 yrs	9,381	69.1	55.9	13.2	18.5	White	15.4	30.1	51.6	61.9
35–39 yrs	7,893	73.3	59.8	14.5	19.9	Black	26.0	47.9	30.3	48.4
40–44 yrs	6,412	74.6	62.9	11.7	20.4	Spanish origin [2]	18.3	31.8	40.9	58.7
White	45,367	55.5	46.9	8.6	11.5	Education: [5]				
Black	6,985	30.5	25.6	4.9	18.8	Less than 12 yrs	23.3	43.9	51.8	62.6
Spanish origin [2]	4,393	52.3	45.2	7.0	14.0	12 yrs	15.1	30.3	50.1	60.6
						13 yrs or more	14.4	27.4	46.7	58.9

– Represents zero. [1] Women currently widowed, divorced, or separated. [2] Persons of Spanish origin may be of any race. [3] By divorce, widowhood, or separation. [4] Age of women at first marriage. [5] Years of school completed.

Source: Pratt, William F. et al. "Understanding U.S. Fertility: Findings From the National Survey of Family Growth, Cycle III," *Population Bulletin*, vol. 39, No. 5 (Population Reference Bureau, Inc., Washington, DC, 1984).

No. 51. Divorced Persons per 1,000 Married Persons With Spouse Present, by Sex, Race, and Age: 1960 to 1984

[As of **March. 1960–1975,** persons 14 years old and over; beginning **1980,** 15 years old and over. See headnote, table 44]

Year	Total	Male	Female	Sex and year	Race		Age			
					White	Black	15–29 years	30–44 years	45–64 years	65 years old and over
1960	35	28	42	Male: 1970	32	62	[1] 28	33	40	32
1970	47	35	60	1975	51	96	[1] 51	61	57	32
1975	69	54	84	1980	74	149	78	104	70	46
1980	100	79	120	1984	92	163	90	133	87	41
1981	109	88	129	Female: 1970	56	104	[1] 46	61	66	69
1982	114	92	137	1975	77	178	[1] 75	93	86	69
1983	114	91	137	1980	110	258	108	147	112	89
1984	121	96	146	1984	134	319	116	181	140	109

[1] 14–29 years.

No. 52. Householder and Marital Status of Population, 15 Years Old and Over: 1984

[**In thousands, except percent.** As of **March.** See headnote, table 44]

Householder and marital status	Total [1]	Male					Female				
		Total [1]	20–24 years	25–44 years	45–64 years	65 yr. and over	Total [1]	20–24 years	25–44 years	45–64 years	65 yr. and over
Total persons	**180,303**	**86,050**	**10,388**	**34,589**	**21,013**	**10,749**	**94,253**	**10,820**	**35,641**	**23,260**	**15,542**
Householder [2]	85,407	59,361	3,247	27,206	19,020	9,683	26,046	1,888	9,197	6,573	8,218
Single	10,941	5,491	1,186	3,139	696	345	5,450	1,273	2,770	661	608
Married, spouse present	50,090	47,579	1,953	21,501	16,365	7,682	2,510	228	1,331	683	259
Widowed	11,149	1,664	–	50	397	1,217	9,484	7	412	2,464	6,601
Divorced	9,383	3,345	48	1,885	1,151	259	6,037	198	3,285	1,986	560
Not householder [2]	94,896	26,690	7,141	7,382	1,993	1,065	68,206	8,731	26,445	16,688	7,324
Single	36,669	20,544	6,583	4,188	533	189	16,125	4,770	2,280	370	261
Married, spouse present	51,639	3,285	317	1,655	831	450	48,354	3,596	22,940	15,636	5,676
Widowed	2,003	408	5	24	87	292	1,595	2	64	284	1,246
Divorced	2,927	1,547	122	998	350	78	1,380	185	793	302	88
PERCENT DISTRIBUTION											
Total persons	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Householder [2]	47.4	69.0	31.3	78.7	90.5	90.1	27.6	17.8	25.8	28.3	52.9
Single	6.1	6.4	11.4	9.1	3.3	3.2	5.8	12.0	7.8	2.8	3.9
Married, spouse present	27.8	55.3	18.8	62.2	77.9	71.5	2.7	2.1	3.7	2.9	1.7
Widowed	6.2	1.9	–	.1	1.9	11.3	10.1	.1	1.2	10.6	42.5
Divorced	5.2	3.9	.5	5.4	5.5	2.4	6.4	1.9	9.2	8.5	3.6
Not householder [2]	52.6	31.0	68.7	21.3	9.5	9.9	72.4	82.2	74.2	71.7	47.1
Single	20.3	23.9	63.4	12.1	2.5	1.8	17.1	44.9	6.4	1.6	1.7
Married, spouse present	28.6	3.8	3.1	4.8	4.0	4.2	51.3	33.9	64.4	67.2	36.5
Widowed	1.1	.5	–	.1	.4	2.7	1.7	–	.2	1.2	8.0
Divorced	1.6	1.8	1.2	2.9	1.7	.7	1.5	1.7	2.2	1.3	.6

– Represents zero or rounds to zero. [1] Includes 15–19 year olds. [2] Includes other marital status not shown separately.

Source of tables 51 and 52: U.S. Bureau of the Census, *Current Population Reports*, series P–20, No. 399, and earlier reports.

NO. 53. UNMARRIED COUPLES, BY SELECTED CHARACTERISTICS, 1970 TO 1984, AND BY MARITAL STATUS OF PARTNERS, 1984

[**In thousands.** As of **March**, except **1970**, as of **April.** An "unmarried couple" is two unrelated adults of the opposite sex sharing *the same household. See headnote, table 54)*

PRESENCE OF CHILDREN AND AGE OF HOUSEHOLDER	1970	1980	1983	1984	MARITAL STATUS OF MALE	Total	MARITAL STATUS OF FEMALE			
							Never married	Divorced	Widowed	Married, husband absent
Unmarried couples	**523**	**1,589**	**1,891**	**1,988**	**Total, 1984**	**1,988**	**1,032**	**643**	**151**	**161**
No children under 15 yr	[1] 327	1,159	1,366	1,373	Never married	1,055	719	226	48	61
Some children under 15 yr	[1] 196	431	525	614	Divorced	679	233	343	48	54
					Widowed	88	19	25	37	7
Under 25 yr. old	55	411	455	432	Married, wife absent	164	60	48	18	39
25–44 yr. old	103	837	1,082	1,208						
45–64 yr. old	186	221	233	234						
65 yr. old and over	178	119	121	114						

[1] Children in unmarried-couple households are under 14 years old.

Source: U.S. Bureau of the Census, *1970 Census of Population*, vol. II, part 4B, and *Current Population Reports*, series P-20, No. 399 and earlier reports.

NO. 54. HOUSEHOLDS, FAMILIES, SUBFAMILIES, MARRIED COUPLES, AND UNRELATED INDIVIDUALS: 1950 TO 1985

[**In thousands, except as indicated.** As of **March. 1950** excludes Alaska and Hawaii. Based on Current Population Survey; includes members of Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces; see text, pp. 1 and 2 and Appendix III. Minus sign (–) indicates decrease. For definition of terms, see text, p. 4. See also *Historical Statistics, Colonial Times to 1970*, series A 288–319]

TYPE OF UNIT	1950	1960	1970	1975	1980	1982	1983	1984	1985	PERCENT CHANGE	
										1970–1980	1980–1985
Households	**43,554**	**52,799**	**63,401**	**71,120**	**80,776**	**83,527**	**83,918**	**85,407**	**86,789**	**27.4**	**7.4**
Average size	3.37	3.33	3.14	2.94	2.76	2.72	2.73	2.71	2.69	(X)	(X)
Family households	38,838	44,905	51,456	55,563	59,550	61,019	61,393	61,997	62,706	15.7	5.3
Married couple	34,075	39,254	44,728	46,951	49,112	49,630	49,908	50,090	50,350	9.8	2.5
Male householder [1]	1,169	1,228	1,228	1,485	1,733	1,986	2,016	2,030	2,228	41.1	28.6
Female householder [1]	3,594	4,422	5,500	7,127	8,705	9,403	9,469	9,878	10,129	58.3	16.4
Nonfamily households	4,716	7,895	11,945	15,557	21,226	22,508	22,525	23,410	24,082	77.7	13.5
Male householder	1,668	2,716	4,063	5,912	8,807	9,457	9,514	9,752	10,114	116.8	14.8
Female householder	3,048	5,179	7,882	9,645	12,419	13,051	13,011	13,658	13,968	57.6	12.5
One person	3,954	6,896	10,851	13,939	18,296	19,354	19,250	19,954	20,602	68.6	12.6
Families	**39,303**	**45,111**	**51,586**	**55,712**	**59,550**	**61,019**	**61,393**	**61,997**	**62,706**	**15.4**	**5.3**
Average size	3.54	3.67	3.58	3.42	3.29	3.25	3.26	3.24	3.23	(X)	(X)
Married couple	34,440	39,329	44,755	46,971	49,112	49,630	49,908	50,090	50,350	9.7	2.5
Male householder [1]	1,184	1,275	1,239	1,499	1,733	1,986	2,016	2,030	2,228	39.9	28.6
Female householder [1]	3,679	4,507	5,591	7,242	8,705	9,403	9,469	9,878	10,129	55.7	16.4
Unrelated subfamilies	**465**	**207**	**130**	**149**	**360**	**372**	**440**	**504**	**526**	**176.9**	**46.1**
Married couple	365	75	27	20	20	39	39	53	46	(B)	(B)
Male reference persons [1]	15	47	11	14	36	24	43	63	85	(B)	(B)
Female reference persons [1]	85	85	91	115	304	309	358	388	395	234.1	29.9
Related subfamilies	**2,402**	**1,514**	**1,150**	**1,349**	**1,150**	**1,877**	**2,220**	**2,198**	**2,228**	**–**	**93.7**
Married couple	1,651	871	617	576	582	625	719	722	719	–5.7	23.5
Father-child [1] [2]	113	115	48	69	54	113	146	113	116	(B)	(B)
Mother-child [1] [2]	638	528	484	705	512	1,139	1,355	1,363	1,392	5.8	171.9
Married couples	**36,091**	**40,200**	**45,373**	**47,547**	**49,714**	**50,294**	**50,666**	**50,864**	**51,114**	**9.6**	**2.8**
With own household	34,075	39,254	44,728	46,951	49,112	49,630	49,908	50,090	50,350	9.8	2.5
Without own household	2,016	946	645	596	602	664	758	775	764	–6.7	26.9
Percent without	5.6	2.4	1.4	1.3	1.2	1.3	1.5	1.5	1.5	(X)	(X)
Unrelated individuals	**9,136**	**11,092**	**14,988**	**19,100**	**26,426**	**27,930**	**28,083**	**29,497**	**30,518**	**76.3**	**15.5**
Nonfamily householders	4,716	7,895	11,945	15,557	21,226	22,508	22,525	23,410	24,082	77.7	13.5
Secondary individuals	4,420	3,198	3,043	3,543	5,200	5,422	5,558	6,087	6,436	70.9	23.8
Male	2,541	1,746	1,631	2,087	3,006	3,012	3,072	3,531	3,743	84.3	24.5
Female	1,879	1,451	1,412	1,456	2,194	2,410	2,486	2,556	2,693	55.4	22.7

– Represents zero. B Not shown; base less than 75,000. X Not applicable. [1] No spouse present.
[2] It is likely that most of the sizable increase since 1980 is the result of new and more definitive coding procedures introduced by the Census Bureau in 1982.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 402.

No. 55. Households, by Number of Persons: 1960 to 1984

[In millions, except percent. As of **March**. Based on Current Population Survey; see headnote, table 54. See also *Historical Statistics, Colonial Times to 1970*, series A 335-349]

SIZE OF HOUSEHOLD	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total	**52.6**	**57.3**	**63.4**	**71.1**	**74.1**	**76.0**	**77.3**	**80.8**	**82.4**	**83.5**	**83.9**	**85.4**
1 person	6.9	8.6	10.9	13.9	15.5	16.7	17.2	18.3	18.9	19.4	19.3	20.0
Male	2.3	2.9	3.5	4.9	5.6	6.4	6.5	7.0	7.3	7.5	7.5	7.5
Female	4.6	5.7	7.3	9.0	9.9	10.4	10.7	11.3	11.7	11.9	11.8	12.4
2 persons	14.6	16.1	18.3	21.8	22.8	23.3	23.9	25.3	25.8	26.5	26.4	26.9
3 persons	9.9	10.2	10.9	12.4	12.8	13.0	13.4	14.1	14.6	14.6	14.8	15.1
4 persons	9.3	9.2	10.0	11.1	11.6	12.0	12.3	12.7	12.8	12.9	13.3	13.6
5 persons	6.1	6.3	6.5	6.4	6.3	6.4	6.2	6.1	6.1	6.1	6.1	6.1
6 persons	3.0	3.3	3.5	3.1	2.9	2.7	2.6	2.5	2.5	2.5	2.5	2.4
7 persons or more	2.9	3.5	3.2	2.5	2.3	1.9	1.8	1.8	1.6	1.6	1.6	1.4
Percent of total:												
1 person	13.1	15.0	17.1	19.6	20.9	22.0	22.2	22.7	23.0	23.2	22.9	23.4
2 persons	27.8	28.1	28.9	30.6	30.7	30.7	30.9	31.4	31.3	31.7	31.5	31.5
3 persons	18.9	17.9	17.3	17.4	17.3	17.2	17.3	17.5	17.7	17.5	17.6	17.7
4 persons	17.6	16.1	15.8	15.6	15.7	15.7	15.9	15.7	15.5	15.4	15.9	15.9
5 persons	11.5	11.0	10.3	9.0	8.5	8.4	8.0	7.5	7.4	7.3	7.3	7.1
6 persons	5.7	5.8	5.6	4.3	3.9	3.6	3.3	3.1	3.1	3.0	2.8	2.8
7 persons or more	5.4	6.1	5.0	3.5	3.1	2.5	2.3	2.2	2.0	1.9	1.9	1.6

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 398 and earlier reports.

No. 56. Households, by Selected Characteristics of Householder: 1970 to 1984

[As of **March**. Based on Current Population Survey; see headnote, table 54]

CHARACTERISTIC	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total (million)	**63.4**	**68.3**	**69.9**	**71.1**	**72.9**	**74.1**	**76.0**	**77.3**	**80.8**	**82.4**	**83.5**	**83.9**	**85.4**
PERCENT DISTRIBUTION													
Male	78.9	77.4	77.1	76.4	75.8	75.4	74.6	74.2	71.8	71.2	70.6	70.6	69.5
Female	21.1	22.6	22.9	23.6	24.2	24.6	25.4	25.8	28.2	28.8	29.4	29.4	30.5
White	89.5	88.8	88.7	88.5	88.4	88.1	88.0	88.0	87.6	87.3	87.2	87.2	87.1
Black	9.8	10.0	10.1	10.2	10.3	10.5	10.5	10.4	10.6	10.7	10.7	10.6	10.8
Age of householder:													
14-24 years	6.8	8.0	8.4	8.2	8.1	8.1	8.2	8.2	[1] 8.1	[1] 7.8	[1] 7.3	[1] 6.8	[1] 6.5
25-34 years	18.5	19.9	20.5	21.0	21.3	21.8	22.1	22.0	22.9	23.3	23.1	22.8	23.2
35-44 years	16.6	17.2	16.8	16.7	16.8	16.8	17.1	17.2	17.3	17.6	18.3	19.1	19.4
45-54 years	19.5	18.8	18.5	18.2	17.6	17.4	16.6	16.3	15.7	15.4	15.0	14.7	14.6
55-64 years	17.1	16.4	16.0	15.9	16.0	15.9	16.0	15.9	15.5	15.4	15.5	15.6	15.4
65 years and over	19.5	19.7	19.9	20.1	20.3	20.0	20.0	20.4	20.5	20.5	20.7	21.1	21.0

[1] Persons 15 to 24 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 398 and earlier reports; and unpublished data.

No. 57. Households and Families, by Race of Householder: 1960 to 1984

[As of **March**. Based on Current Population Survey; see headnote, table 54. See also *Historical Statistics, Colonial Times to 1970*, series A 292-295 and A 320-334]

RACE OF HOUSEHOLDER	NUMBER (1,000)					PERCENT				
	1960	1970	1975	1980	1984	1960	1970	1975	1980	1984
Households, total	**52,799**	**[1] 63,401**	**[1] 71,120**	**[1] 80,776**	**[1] 85,407**	(X)	(X)	(X)	(X)	(X)
White	47,665	56,602	62,945	70,766	74,376	100.0	100.0	100.0	100.0	100.0
Married couple	36,175	41,029	42,951	44,751	45,529	76.2	72.5	68.2	63.2	61.2
Male householder [2]	3,365	4,444	6,295	8,940	9,948	6.8	7.9	10.0	12.6	13.4
Female householder [2]	8,125	11,129	13,700	17,075	18,899	17.0	19.7	21.8	24.1	25.4
Black	[3] 5,134	6,223	7,262	8,586	9,236	[3] 100.0	100.0	100.0	100.0	100.0
Married couple	[3] 3,079	3,317	3,343	3,433	3,446	[3] 60.3	53.3	46.0	40.0	37.3
Male householder [2]	[3] 579	745	1,002	1,402	1,563	[3] 11.0	12.0	13.8	16.3	16.9
Female householder [2]	[3] 1,476	2,161	2,917	3,751	4,227	[3] 28.7	34.7	40.2	43.7	45.8
Families, total	**45,111**	**[1] 51,586**	**[1] 55,712**	**[1] 59,550**	**[1] 61,997**	(X)	(X)	(X)	(X)	(X)
White	40,869	46,261	49,451	52,243	53,934	100.0	100.0	100.0	100.0	100.0
Married couple	36,212	41,049	42,969	44,751	45,529	88.7	88.7	86.9	85.7	84.4
Male householder [2]	1,100	1,048	1,270	1,441	1,621	2.6	2.3	2.6	2.8	3.0
Female householder [2]	3,557	4,165	5,212	6,052	6,784	8.7	9.0	10.5	11.6	12.6
Black	[3] 4,242	4,887	5,498	6,184	6,675	[3] 100.0	100.0	100.0	100.0	100.0
Married couple	[3] 3,117	3,323	3,346	3,433	3,446	[3] 73.6	68.0	60.9	55.5	51.6
Male householder [2]	[3] 175	182	212	256	354	[3] 4.0	3.7	3.9	4.1	5.3
Female householder [2]	[3] 950	1,382	1,940	2,495	2,874	[3] 22.4	28.3	35.3	40.3	43.1

X Not applicable. [1] Includes other races, not shown separately. [2] No spouse present. [3] Black and other races.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 398 and earlier reports; and unpublished data.

NO. 58. HOUSEHOLD CHARACTERISTICS, BY RACE, SPANISH ORIGIN AND TYPE: 1984

[As of **March**. Based on Current Population Survey; see headnote, table 54. Persons of Spanish origin may be of any race. For composition of regions, see fig 1, inside front cover]

CHARACTERISTIC	NUMBER OF HOUSEHOLDS (1,000)							PERCENT DISTRIBUTION							PERSONS PER HOUSEHOLD		
				Family households							Family households						
	Total	Black	Spanish origin	Total [1]	Married couple	Female householder [2]	Non-family households	Total	Black	Spanish origin	Total [1]	Married couple	Female householder [2]	Non-family households	Total	Black	Spanish origin
Total	**85,407**	**9,236**	**4,326**	**61,997**	**50,090**	**9,878**	**23,410**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**2.71**	**2.99**	**3.45**
Region:																	
Northeast	18,199	1,813	836	12,928	10,218	2,236	5,271	21.3	19.6	19.3	20.9	20.4	22.6	22.5	2.69	2.86	3.16
Midwest	21,456	1,772	308	15,711	12,898	2,364	5,744	25.1	19.2	7.1	25.3	25.7	23.9	24.5	2.71	2.94	3.50
South	28,809	4,724	1,414	21,524	17,388	3,486	7,285	33.7	51.2	32.7	34.7	34.7	35.3	31.1	2.73	3.09	3.42
West	16,943	927	1,768	11,833	9,586	1,792	5,110	19.8	10.0	40.9	19.1	19.1	18.1	21.8	2.69	2.82	3.59
Age of householder:																	
15–24 years	5,510	626	404	3,257	2,269	814	2,252	6.5	6.8	9.3	5.3	4.5	8.2	9.6	2.28	2.46	2.82
25–34 years	19,808	2,402	1,322	14,633	11,670	2,497	5,175	23.2	26.0	30.6	23.6	23.3	25.3	22.1	2.89	3.04	3.55
35–44 years	16,596	1,941	986	14,063	11,162	2,426	2,533	19.4	21.0	22.8	22.7	22.3	24.6	10.8	3.51	3.58	4.06
45–54 years	12,471	1,369	721	10,519	8,653	1,536	1,953	14.6	14.8	16.7	17.0	17.3	15.6	8.3	3.24	3.52	3.82
55–64 years	13,121	1,332	503	9,843	8,394	1,174	3,278	15.4	14.4	11.6	15.9	16.8	11.9	14.0	2.39	2.71	2.97
65 years old and over	17,901	1,567	389	9,681	7,941	1,430	8,219	21.0	17.0	9.0	15.6	15.9	14.5	35.1	1.76	2.16	2.15
Size of household:																	
One person	19,954	2,211	607	–	–	–	19,954	23.4	23.9	14.0	–	–	–	85.2	1.00	1.00	1.00
Two persons	26,890	2,382	923	24,144	18,695	4,398	2,746	31.5	25.8	21.3	38.9	37.3	44.5	11.7	2.00	2.00	2.00
Three persons	15,134	1,644	867	14,602	11,139	2,900	531	17.7	17.8	20.0	23.6	22.2	29.4	2.3	3.00	3.00	3.00
Four persons	13,593	1,433	877	13,461	11,799	1,431	133	15.9	15.5	20.3	21.7	23.6	14.5	.6	4.00	4.00	4.00
Five persons	6,070	802	538	6,036	5,292	632	34	7.1	8.7	12.4	9.7	10.6	6.4	.1	5.00	5.00	5.00
Six persons	2,372	408	272	2,364	2,045	270	9	2.8	4.4	6.3	3.8	4.1	2.7	(z)	6.00	6.00	6.00
Seven persons or more	1,394	356	241	1,391	1,120	247	4	1.6	3.9	5.6	2.2	2.2	2.5	(z)	7.87	8.21	8.03
Marital status:																	
Married, spouse present	50,090	3,446	2,606	50,090	50,090	–	–	58.6	37.3	60.2	80.8	100.0	–	–	3.32	3.78	4.07
Married, spouse absent	3,846	1,181	379	2,128	–	1,845	1,718	4.5	12.8	8.8	3.4	–	18.7	7.3	2.47	2.95	2.96
Separated	3,041	1,080	303	1,812	–	1,569	1,228	3.6	11.7	7.0	2.9	–	15.9	5.2	2.59	2.99	3.06
Widowed	11,148	1,406	304	2,982	–	2,582	8,166	13.1	15.2	7.0	4.8	–	26.1	34.9	1.58	2.37	2.25
Divorced	9,382	1,322	458	4,411	–	3,703	4,971	11.0	14.3	10.6	7.1	–	37.5	21.2	2.08	2.65	2.59
Single	10,941	1,881	577	2,385	–	1,747	8,556	12.8	20.4	13.3	3.8	–	17.7	36.5	1.68	2.26	2.26

– Represents zero. Z Less than .05 percent. [1] Includes male householder, no spouse present. [2] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 146.

No. 59. Households, 1980 and 1984, and Persons in Households, 1984, by Type of Household and Presence of Children

[As of **March**. Based on Current Population Survey; see headnote, table 54. Minus sign (–) indicates decrease]

Type of household	Households						Persons in households, 1984		Persons per household, 1984
	1980		1984		Change, 1980–1984				
	Number (1,000)	Percent distribution	Number (1000)	Percent distribution	Number (1,000)	Percent	Number (mil.)	Percent distribution	
Total households	**80,776**	**100.0**	**85,407**	**100.0**	**4,631**	**5.7**	**231.4**	**100.0**	**2.71**
Family households	59,550	73.7	61,997	72.6	2,447	4.1	203.1	87.8	3.28
With own children under 18	31,022	38.4	31,045	36.3	23	(z)	123.5	53.4	3.98
Without own children under 18	28,529	35.3	30,951	36.1	2,422	8.5	79.6	34.4	2.57
Married couple family	49,112	60.8	50,090	58.6	978	2.0	166.4	71.9	3.32
With own children under 18	24,961	30.9	24,339	28.5	–622	–2.5	102.3	44.2	4.20
Without own children under 18	24,151	29.9	25,750	30.1	1,599	6.6	64.1	27.7	2.49
Male householder, no spouse present	1,733	2.1	2,030	2.4	297	17.1	6.0	2.6	2.97
With own children under 18	616	.8	799	.9	183	29.7	2.4	1.0	3.00
Without own children under 18	1,117	1.4	1,231	1.4	114	10.2	3.6	1.6	2.94
Female householder, no spouse present	8,705	10.8	9,878	11.6	1,173	13.5	30.8	13.3	3.11
With own children under 18	5,445	6.7	5,907	6.9	462	8.5	18.8	8.2	3.19
Without own children under 18	3,261	4.0	3,970	4.6	709	21.7	11.9	5.1	3.00
Nonfamily households	21,226	26.3	23,410	27.4	2,184	10.3	28.2	12.2	1.21
Living alone	18,296	22.7	19,954	23.4	1,658	9.1	20.0	8.6	1.00
Male householder	8,807	10.9	9,752	11.4	945	10.7	12.9	5.6	1.33
Living alone	6,966	8.6	7,529	8.8	563	8.1	7.5	3.3	1.00
Female householder	12,419	15.4	13,658	16.0	1,239	10.0	15.3	6.6	1.12
Living alone	11,330	14.0	12,425	14.5	1,095	9.7	12.4	5.4	1.00

Z Less than .05 percent.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 398 and earlier reports; and unpublished data.

No. 60. Living Arrangements of Persons 15 Years Old and Over, by Selected Characteristics: 1984

[As of **March**. Based on Current Population Survey which includes members of Armed Forces living off post or with families on post, but excludes other Armed Forces; see text, pp. 1 and 2 and Appendix III]

Age and sex	All races					White persons percent living—			Black persons percent living—		
	Total (1,000)	Percent living—									
		Alone	With spouse	With other relatives	With nonrelatives	Alone	With spouse	With other relatives	Alone	With spouse	With other relatives
Total	**180,303**	**11.1**	**56.4**	**27.4**	**5.2**	**11.2**	**59.1**	**24.6**	**11.1**	**35.3**	**48.3**
15–19 years	16,502	.4	3.4	93.3	2.9	.4	3.9	92.8	.4	.9	97.2
20–24 years	21,007	5.9	29.0	53.6	11.5	6.1	31.7	49.9	4.7	13.0	76.2
25–44 years	70,231	8.4	67.7	17.5	6.6	8.3	70.5	14.7	9.5	43.9	39.6
45–64 years	44,273	10.9	75.7	11.0	2.5	10.4	78.1	9.2	15.4	53.8	26.4
65 years old and over	26,291	30.3	53.5	13.8	2.4	30.5	54.8	12.5	30.2	39.0	26.2
Male	**86,050**	**8.7**	**59.1**	**25.6**	**6.5**	**8.5**	**61.6**	**23.6**	**11.2**	**39.4**	**41.9**
15–19 years	9,313	.4	1.2	96.0	2.4	.3	1.3	95.9	.5	.6	97.7
20–24 years	10,388	6.4	21.8	59.3	12.4	6.5	23.9	56.4	5.1	8.6	79.4
25–44 years	34,589	10.0	66.9	14.0	9.1	9.7	69.3	12.3	13.0	47.6	28.3
45–64 years	21,013	8.5	81.8	6.3	3.4	7.8	83.6	5.5	14.9	63.7	14.5
65 years old and over	10,749	14.8	75.6	7.0	2.5	14.3	77.2	6.2	21.2	59.0	14.9
Female	**94,253**	**13.2**	**54.0**	**29.0**	**3.9**	**13.7**	**56.9**	**25.6**	**11.1**	**31.9**	**53.6**
15–19 years	9,189	.4	5.6	90.7	3.3	.5	6.4	89.6	.2	1.2	96.8
20–24 years	10,620	5.4	36.0	48.0	10.6	5.6	39.5	43.5	4.4	16.8	73.4
25–44 years	35,641	6.8	68.1	20.8	4.2	6.9	71.8	17.1	6.6	40.9	49.0
45–64 years	23,260	13.0	70.2	15.1	1.7	12.8	73.0	12.6	15.8	46.2	35.6
65 years old and over	15,542	41.0	38.2	18.5	2.3	41.6	39.4	16.8	36.3	25.5	33.7

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 399.

No. 61. Family Groups With Children Under 18, by Race and Type: 1970 to 1984

*[As of **March**. Based on Current Population Survey; see headnote, table 54. For definitions of family types, see text, p. 4]*

Presence of parents and marital status	1970, total (1,000)	1980, total (1,000)	1984									
			Number (1,000)			Percent distribution			Percent, by type			
			Total [1]	White	Black	Total [1]	White	Black	All family groups	Family house-holds	Related sub-families	Unrelated sub-families
Total with children under 18	**29,631**	**32,150**	**33,246**	**27,508**	**4,744**	**100.0**	**100.0**	**100.0**	**100.0**	**93.4**	**5.5**	**1.1**
Two-parent family groups	25,823	25,231	24,701	21,978	1,934	74.3	79.9	40.8	100.0	98.5	1.4	.1
One-parent family groups	3,808	6,920	8,544	5,529	2,809	25.7	20.1	59.2	100.0	78.5	17.3	4.2
Maintained by mother	3,415	6,230	7,599	4,766	2,652	22.9	17.3	55.9	100.0	77.7	17.9	4.3
Never married	248	1,063	2,102	729	1,332	6.3	2.7	28.1	100.0	57.0	38.3	4.7
Spouse absent	1,377	1,743	1,762	1,120	597	5.3	4.1	12.6	100.0	82.5	14.5	3.1
Separated	962	1,483	1,505	929	544	4.5	3.4	11.5	100.0	82.9	13.5	3.6
Divorced	1,109	2,721	3,174	2,516	593	9.5	9.1	12.5	100.0	86.5	8.4	5.0
Widowed	682	703	561	401	128	1.7	1.5	2.7	100.0	90.9	6.1	3.0
Maintained by father	393	692	945	763	157	2.8	2.8	3.3	100.0	84.6	12.0	3.5
Never married	*22*	*63*	*166*	*109*	*52*	*.5*	*.4*	*1.1*	100.0	72.9	19.9	7.2
Spouse absent [2]	247	181	187	139	39	.6	.5	.8	100.0	83.4	15.0	1.6
Divorced	(NA)	340	496	445	44	1.5	1.6	.9	100.0	87.3	9.5	3.2
Widowed	124	107	97	69	23	.3	.3	.5	100.0	91.8	6.2	2.1

NA Not available. [1] Includes other races, not shown separately. [2] Includes divorced.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 398.

No. 62. Households—States: 1970 to 1984

[**1970** and **1980**, as of **April 1**; **1984**, as of **July 1**. For definition of household, see text, p. 4. For composition of regions, see fig. I, inside front cover. Minus sign (—) indicates decrease. For explanation of annual percent change, see Guide to Tabular Presentation]

Region, division, and state	Number (1,000)			Annual percent change	
	1970	1980	1984, prel.	1970–1980	1980–1984
U.S	**63,450**	**80,390**	**86,019**	**2.4**	**1.6**
Region:					
Northeast	15,482	17,471	18,257	1.2	1.0
Midwest	17,537	20,859	21,543	1.7	.8
South	19,258	26,486	29,092	3.2	2.2
West	11,172	15,574	17,127	3.3	2.2
N. Eng	**3,645**	**4,362**	**4,609**	**1.8**	**1.3**
ME	303	395	420	2.7	1.4
NH	225	323	355	3.6	2.2
VT	132	178	191	3.0	1.6
MA	1,760	2,033	2,131	1.4	1.1
RI	292	339	355	1.5	1.1
CT	933	1,094	1,156	1.6	1.3
Mid. Atl	**11,637**	**13,109**	**13,648**	**1.0**	**.9**
NY	5,914	6,340	6,598	.7	.9
NJ	2,218	2,549	2,694	1.4	1.3
PA	3,705	4,220	4,356	1.3	.7
E. No. Cent	**12,382**	**14,654**	**15,078**	**1.7**	**.7**
OH	3,289	3,834	3,932	1.5	.6
IN	1,609	1,927	1,991	1.8	.8
IL	3,502	4,045	4,179	1.4	.8
MI	2,653	3,195	3,249	1.9	.4
WI	1,329	1,652	1,728	2.2	1.1
W. No. Cent	**5,155**	**6,205**	**6,465**	**1.9**	**1.0**
MN	1,154	1,445	1,519	2.3	1.2
IA	896	1,053	1,076	1.6	.5
MO	1,521	1,793	1,871	1.7	1.0
ND	182	228	241	2.3	1.4
SD	201	243	251	1.9	.8
NE	474	571	594	1.9	.9
KS	727	872	913	1.8	1.1
So Atl	**9,439**	**13,160**	**14,504**	**3.3**	**2.3**
DE	165	207	*223*	*2.3*	*1.8*
MD	1,175	1,461	1,569	2.2	1.7
DC	263	253	251	—.4	—.2
VA	1,391	1,863	2,029	2.9	2.0
WV	547	686	704	2.3	.6
NC	1,510	2,043	2,221	3.0	2.0
SC	734	1,030	1,126	3.4	2.1
GA	1,369	1,872	2,074	3.1	2.4
FL	2,285	3,744	4,306	4.9	3.3
E. So. Cent	**3,868**	**5,051**	**5,339**	**2.7**	**1.3**
KY	984	1,263	1,328	2.5	1.2
TN	1,213	1,619	1,713	2.9	1.3
AL	1,034	1,342	1,421	2.6	1.4
MS	637	827	877	2.6	1.4
W. So. Cent	**5,952**	**8,276**	**9,249**	**3.3**	**2.6**
AR	615	816	861	2.8	1.3
LA	1,052	1,412	1,532	2.9	1.9
OK	851	1,119	1,231	2.7	2.3
TX	3,434	4,929	5,626	3.6	3.1
Mt	**2,518**	**3,986**	**4,462**	**4.6**	**2.7**
MT	217	284	301	2.7	1.4
ID	219	324	346	3.9	1.6
WY	105	166	180	4.6	2.0
CO	*891*	*1,061*	*1,189*	*4.3*	*2.7*
NM	289	441	495	4.2	2.7
AZ	539	957	1,094	5.7	3.2
UT	298	449	502	4.1	2.7
NV	160	304	353	6.4	3.5
Pac	**8,654**	**11,587**	**12,666**	**2.9**	**2.1**
WA	1,106	1,541	1,649	3.3	1.6
OR	692	992	1,025	3.6	.8
CA	6,574	8,630	9,502	2.7	2.3
AK	79	131	165	5.1	5.4
HI	203	294	324	3.7	2.3

Source: U.S. Bureau of the Census, *Census of Population: 1970; 1980 Census of Population*, vol. 1, chapter B; and *Current Population Reports*, series P-25, No. 974.

No. 63. Families, by Characteristics: 1984

[**In thousands, except as indicated.** As of **March.** Based on Current Population Survey, which includes members of Armed Forces living off post or with families on post, but excludes other Armed Forces; see text, pp. 1 and 2 and Appendix III. For definition of families, see text, p. 4]

Characteristic	All families		Married couple		Male householder [1]		Female householder [1]		Black families	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	**61,997**	**100.0**	**50,090**	**100.0**	**2,030**	**100.0**	**9,878**	**100.0**	**6,675**	**100.0**
White	53,934	87.0	45,529	90.9	1,621	79.9	6,784	68.7	(x)	(x)
Black	6,675	10.8	3,446	6.9	354	17.4	2,874	29.1	6,675	100.0
Spanish origin [2]	3,567	5.8	2,606	5.2	151	7.4	810	8.2	(x)	(x)
Size of family:										
2 persons	24,831	40.1	18,859	37.7	1,272	62.7	4,700	47.6	2,228	33.4
3 persons	14,427	23.3	11,131	22.2	473	23.3	2,823	28.6	1,567	23.8
4 persons	13,228	21.3	11,769	23.5	169	8.3	1,290	13.1	1,352	20.3
5 persons	5,916	9.5	5,248	10.5	64	3.2	604	6.1	775	11.6
6 persons	2,276	3.7	2,014	4.0	34	1.7	229	2.3	387	5.8
7 or more persons	1,319	2.1	1,069	2.1	17	.8	233	2.4	346	5.2
Median size [3]	3.24	(x)	3.31	(x)	2.74	(x)	3.03	(x)	3.61	(x)
Own children under age 18:										
None	30,951	49.9	25,750	51.4	1,231	60.6	3,970	40.2	2,757	41.3
1	12,862	20.7	9,546	19.1	506	24.9	2,810	28.4	1,536	23.0
2	11,766	19.0	9,557	19.1	224	11.0	1,985	20.1	1,335	20.0
3	4,464	7.2	3,677	7.3	48	2.4	739	7.5	668	10.0
4 or more	1,954	3.2	1,559	3.1	21	1.0	374	3.8	379	5.7
Own children under age 6:										
None	47,779	77.1	38,371	76.6	1,759	86.7	7,649	77.4	4,883	73.2
1	9,628	15.5	7,769	15.5	211	10.4	1,649	16.7	1,229	18.4
2	3,939	6.4	3,404	6.8	52	2.6	482	4.9	476	7.1
3 or more	651	1.1	545	1.1	8	.4	98	1.0	87	1.3

X Not applicable. [1] No spouse present. [2] Persons of Spanish origin may be of any race. [3] For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 398.

No. 64. Percent Distribution of Families, by Number of Own Children Under 18 Years Old: 1960 to 1984

[As of **March**, except as noted. Except as noted, based on Current Population Survey; see headnote, table 63. See also *Historical Statistics, Colonial Times to 1970*, series A 353-358]

Number of children	1960 [1]	1970	1975	1978	1979	1980	1981	1982	1983	1984
All families [2] (1,000)	**45,128**	**51,586**	**55,712**	**57,215**	**57,804**	**59,550**	**60,309**	**61,019**	**61,393**	**61,997**
Average size	3.65	3.58	3.42	3.33	3.31	3.29	3.27	3.25	3.26	3.24
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children	43.1	44.1	46.0	46.9	47.5	47.9	48.2	49.2	49.8	49.9
1 child	18.4	18.2	19.7	20.3	20.6	20.9	21.1	20.9	20.9	20.7
2 children	18.0	17.4	18.0	19.0	19.0	19.3	19.2	19.0	18.7	19.0
3 children	10.8	10.6	9.3	8.8	8.5	7.8	7.7	7.4	7.3	7.2
4 or more children	9.7	9.8	6.9	5.0	4.5	4.1	3.8	3.5	3.3	3.2
White families (1,000)	**40,873**	**46,261**	**49,451**	**50,530**	**50,910**	**52,243**	**52,710**	**53,269**	**53,407**	**53,934**
Average size	3.58	3.52	3.36	3.28	3.25	3.23	3.20	3.19	3.20	3.18
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children	43.1	44.8	47.2	48.2	48.8	49.3	49.7	50.7	51.3	51.4
1 child	18.7	18.2	19.4	19.9	20.2	20.5	20.8	20.6	20.4	20.3
2 children	18.5	17.7	18.0	18.9	18.9	19.1	19.0	18.7	18.6	18.8
3 children	10.9	10.5	9.2	8.5	8.2	7.5	7.3	6.9	6.8	6.7
4 or more children	8.8	8.8	6.2	4.5	3.8	3.6	3.2	3.0	2.8	2.8
Black families (1,000)	**[3] 4,256**	**4,887**	**5,498**	**5,806**	**5,906**	**6,184**	**6,317**	**6,413**	**6,530**	**6,675**
Average size	4.31	4.13	3.90	3.77	3.74	3.67	3.66	3.65	3.66	3.61
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children	43.7	38.9	36.8	37.3	37.5	38.2	38.7	38.9	40.4	41.3
1 child	15.7	17.6	22.0	23.3	23.5	23.4	23.4	23.1	23.8	23.0
2 children	12.8	14.8	17.0	18.6	19.5	20.0	19.9	20.2	18.7	20.0
3 children	9.6	10.1	10.6	10.9	10.8	10.2	10.4	10.8	10.7	10.0
4 or more children	18.3	18.5	13.6	9.9	8.8	8.2	7.7	7.0	6.4	5.7
Spanish origin [4] (1,000)	(NA)	[1] 2,004	2,477	2,764	2,741	3,029	3,235	3,305	3,369	3,567
Average size	(NA)	(NA)	(NA)	3.88	3.85	3.90	3.87	3.89	3.90	3.87
Percent distribution	(NA)	[1] 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children	(NA)	[1] 29.8	29.4	28.6	30.6	31.2	30.1	31.3	31.6	32.3
1 child	(NA)	[1] 19.5	23.1	25.1	23.6	22.4	24.7	24.3	22.6	22.8
2 children	(NA)	[1] 19.4	19.7	20.7	21.9	23.0	23.3	22.8	24.3	23.9
3 children	(NA)	[1] 13.3	13.4	14.2	13.2	13.4	12.1	12.3	12.1	13.1
4 or more children	(NA)	[1] 18.1	14.5	11.3	10.6	9.9	9.7	9.4	9.4	7.9

NA Not available. [1] As of April. Based on Census of Population. [2] Beginning 1970, includes other races, not shown separately. [3] Black and other races. [4] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1960* and *1970*, and *Current Population Reports*, series P-20, No. 398, and earlier reports.

NO. 65. FAMILY HOUSEHOLDS WITH OWN CHILDREN UNDER AGE 18, BY TYPE OF FAMILY: 1970 TO 1984

[As of **March**. Based on Current Population Survey, which includes members of Armed Forces living off post or with families on post, but excludes other Armed Forces; see text, pp. 1 and 2 and Appendix III]

FAMILY TYPE	1970	1975	1980	1981	1982	1983	1984
Family households with children (1,000)	**28,731**	**29,944**	**31,022**	**31,227**	**31,012**	**30,818**	**31,046**
Married couple (1,000)	25,532	25,165	24,961	24,927	24,465	24,364	24,340
Male householder [1] (1,000)	341	478	616	666	679	737	799
Female householder [1] (1,000)	2,858	4,301	5,445	5,634	5,868	5,718	5,907
PERCENT DISTRIBUTION							
Family households with children	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Married couple	88.9	84.0	80.5	79.8	78.9	79.1	78.4
Male householder [1]	1.2	1.6	2.0	2.1	2.2	2.4	2.6
Female householder [1]	9.9	14.4	17.6	18.0	18.9	18.6	19.0
HOUSEHOLDS WITH CHILDREN, AS A PERCENT OF ALL FAMILY HOUSEHOLDS, BY TYPE							
Family households with children, total	**55.8**	**53.9**	**52.1**	**51.8**	**50.8**	**50.2**	**50.1**
Married couple	57.1	53.6	50.8	50.6	49.3	48.8	48.6
Male householder [1]	27.8	32.2	35.5	34.5	34.2	36.6	39.4
Female householder [1]	52.0	60.3	62.6	62.0	62.4	60.4	59.8

[1] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 398 and earlier reports.

NO. 66. CHILDREN UNDER 18 YEARS OLD, BY PRESENCE OF PARENTS AND WHETHER LIVING WITH MOTHER ONLY, BY MARITAL STATUS OF MOTHER: 1980 AND 1984

[As of **March**. Excludes persons under 18 years old who maintained households or family groups. It is likely that most of the sizeable increase in children living with parents is the result of new and more definitive coding procedures introduced by the Census Bureau in 1982. Based on Current Population Survey; see headnote, table 63]

PRESENCE OF PARENTS	Unit	TOTAL [1]		WHITE		BLACK		SPANISH ORIGIN [2]	
		1980	1984	1980	1984	1980	1984	1980	1984
CHILDREN UNDER 18 YEARS OLD									
Number	1,000	63,427	62,139	52,242	50,620	9,375	9,375	5,459	5,625
Living with—								[1]	
Both parents	Percent	76.7	74.9	82.7	81.0	42.2	41.0	75.4	70.2
Mother only	Percent	18.0	20.4	13.5	15.1	43.9	50.2	19.6	24.9
Divorced	Percent	7.5	8.3	7.0	7.8	10.9	11.6	5.9	8.4
Married, spouse absent	Percent	5.7	5.5	3.9	4.1	16.2	13.7	8.2	8.5
Single (never married)	Percent	2.8	5.0	1.0	1.9	12.8	22.5	4.0	6.3
Widowed	Percent	2.0	1.5	1.7	1.3	4.0	2.4	1.5	1.6
Father only	Percent	1.7	2.2	1.6	2.1	1.9	2.9	1.5	2.0
Neither parent	Percent	3.7	2.5	2.2	1.8	12.0	5.9	3.4	3.0
CHILDREN UNDER 6 YEARS OLD									
Number	1,000	19,463	21,317	15,885	17,204	2,916	3,368	1,988	2,014
Living with—									
Both parents	Percent	78.9	76.6	85.7	83.9	41.4	38.3	77.4	72.4
Mother only	Percent	15.4	19.8	11.1	13.2	39.5	55.0	18.2	23.3
Divorced	Percent	4.7	5.2	4.6	4.9	5.6	6.9	3.2	5.2
Married, spouse absent	Percent	5.4	5.2	4.1	4.2	12.8	10.4	7.9	7.6
Single (never married)	Percent	4.5	9.1	1.8	3.7	19.4	37.1	6.0	10.0
Widowed	Percent	.8	.5	.6	.4	1.7	.7	1.0	.6
Father only	Percent	1.1	2.0	.9	1.9	1.9	2.5	1.0	2.3
Neither parent	Percent	4.6	1.6	2.3	1.1	17.2	4.2	3.5	2.0
CHILDREN 6 TO 17 YEARS OLD									
Number	1,000	43,964	40,823	36,357	33,416	6,459	6,007	3,471	3,611
Living with—									
Both parents	Percent	75.7	74.0	81.4	79.5	42.6	42.5	74.2	68.9
Mother only	Percent	19.1	20.6	14.6	16.1	45.9	47.5	20.4	25.8
Divorced	Percent	8.8	10.0	8.1	9.4	13.3	14.3	7.5	10.3
Married, spouse absent	Percent	5.8	5.7	3.8	4.0	17.7	15.5	8.3	9.0
Single (never married)	Percent	2.0	2.9	.6	.9	9.9	14.3	2.8	4.3
Widowed	Percent	2.6	2.0	2.1	1.7	5.0	3.3	1.9	2.2
Father only	Percent	1.9	2.4	1.9	2.2	1.9	3.1	1.8	1.7
Neither parent	Percent	3.3	3.0	2.1	2.2	9.6	6.9	3.4	3.5

[1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 399, and earlier reports.

No. 67. Female Family Householders With No Spouse Present, by Race and Presence of Children: 1960 to 1984

[**In thousands, except percent. 1960 to 1975** covers persons 14 years old and over; beginning **1980** covers persons 15 years old and over. **1960** census data as of **April**; thereafter based on Current Population Survey as of **March**. See headnote, table 63]

ITEM	1960	1970	1975	1980	1983	1984	WITH 1 OR MORE OWN CHILDREN UNDER 18			
							1960	1970	1980	1984
Total families [1]	**45,128**	**51,586**	**55,712**	**59,550**	**61,393**	**61,997**	**25,661**	**28,812**	**31,022**	**31,046**
Female family householders	4,194	5,591	7,242	8,705	9,469	9,878	1,891	2,926	5,445	5,907
Percent of all families	9.3	10.8	13.0	14.6	15.4	15.9	7.4	10.2	17.6	19.0
Percent under 35 years old	17.7	24.4	32.5	34.6	33.5	33.5	35.0	43.1	52.4	51.6
White families	40,873	46,261	49,451	52,243	53,407	53,934	23,264	25,543	26,474	26,207
Female family householders	3,305	4,165	5,212	6,052	6,507	6,784	1,394	1,995	3,558	3,856
Percent of White families	8.1	9.0	10.5	11.6	12.2	12.6	6.0	7.8	13.4	14.7
Percent under 35 years old	14.7	20.8	29.0	30.8	29.5	30.1	30.7	39.8	49.2	47.8
Black families	[2] 4,256	4,867	5,498	6,184	6,530	6,675	[2] 2,397	2,984	3,820	3,918
Female family householders	[2] 889	1,382	1,940	2,495	2,734	2,874	[2] 497	912	1,793	1,913
Percent of Black families	20.9	28.3	35.3	40.3	41.9	43.1	20.7	30.6	46.9	48.8
Percent under 35 years old	28.7	35.2	42.4	44.0	42.7	41.4	47.1	50.0	59.1	59.6

[1] Beginning 1970, includes other races not shown separately. [2] Black and other races.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1960,* vol. I, and *Current Population Reports,* series P-20, No. 398, and earlier reports.

No. 68. Female Family Householders With No Spouse Present—Characteristics, by Race: 1960 to 1984

[See headnote, table 67. 1970 data unrevised, therefore data will not agree with table 67]

CHARACTERISTIC	UNIT	WHITE					BLACK				
		1960	1970	1980	1983	1984	1960 [1]	1970	1980	1983	1984
Female family householder	1,000	**3,305**	**4,185**	**6,052**	**6,507**	**6,784**	**889**	**1,349**	**2,495**	**2,734**	**2,874**
Median age	Years	52.2	50.4	43.7	43.1	42.9	43.8	41.3	37.4	38.2	38.0
Marital status:											
Single (never married)	Percent	11.8	9.2	10.6	12.1	12.0	10.8	16.2	27.3	32.9	30.9
Married, spouse absent	Percent	17.6	18.5	16.9	16.4	16.6	37.4	39.7	28.6	23.6	23.4
Separated	Percent	9.6	11.4	13.9	14.1	13.5	30.2	33.8	26.8	21.9	21.7
Other	Percent	7.9	7.2	3.0	2.3	3.1	7.2	5.9	1.8	1.7	1.7
Widowed	Percent	52.5	47.0	32.7	30.0	28.6	40.2	29.9	22.2	19.5	20.3
Divorced	Percent	18.1	25.3	39.8	41.5	42.8	11.6	14.2	21.9	24.0	25.4
Presence of children under 18:											
No own children	Percent	57.8	52.0	41.2	43.0	43.2	44.4	33.5	28.1	31.9	33.5
With own children	Percent	42.2	48.0	58.8	57.0	56.8	55.6	66.6	71.9	68.1	66.6
1 child	Percent	19.2	18.8	28.1	28.2	28.6	16.9	19.1	26.3	27.3	27.9
2 children	Percent	12.0	15.0	19.9	19.0	19.5	12.8	14.4	23.2	21.3	21.5
3 children	Percent	6.1	7.8	7.4	6.8	5.9	9.4	12.5	11.1	12.0	11.0
4 or more children	Percent	5.0	6.4	3.4	3.0	2.7	16.5	20.6	11.3	7.6	6.2
Mean number of children	Number	.85	1.00	1.03	.99	.96	1.57	1.83	1.51	1.33	1.26

[1] Black and other races.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 398, series P-23, No. 50; and unpublished data.

No. 69. Families Not Maintained by Married Couple: 1970 to 1984

[Covers persons 18 years old and over. As of **March**. See headnote, table 63]

CHARACTERISTIC	NUMBER (1,000)								PERCENT BY MARITAL STATUS			
	1970	1975	1979	1980	1981	1982	1983	1984	1970	1975	1980	1984
Total	**6,806**	**8,718**	**10,074**	**10,431**	**11,005**	**11,381**	**11,476**	**11,897**	(X)	(X)	(X)	(X)
Male householder	**1,229**	**1,492**	**1,641**	**1,733**	**1,931**	**1,984**	**2,013**	**2,027**	**100.0**	**100.0**	**100.0**	**100.0**
Married, wife absent	197	319	252	269	309	274	288	283	16.0	21.4	15.5	14.0
Widowed	422	387	384	421	399	364	423	400	34.3	25.9	24.3	19.7
Divorced	194	340	460	485	607	661	696	708	15.8	22.8	28.0	34.9
Single (never married)	416	446	545	558	617	664	606	635	33.8	29.9	32.2	31.3
Female householder	**5,577**	**7,226**	**8,433**	**8,698**	**9,074**	**9,397**	**9,463**	**9,871**	**100.0**	**100.0**	**100.0**	**100.0**
Married, husband absent	1,323	1,641	1,769	1,769	1,864	1,860	1,763	1,845	23.7	22.7	20.3	18.7
Widowed	2,396	2,559	2,465	2,570	2,463	2,461	2,548	2,582	43.0	35.4	29.5	26.2
Divorced	1,259	2,109	2,807	3,008	3,277	3,478	3,433	3,703	22.6	29.2	34.6	37.5
Single (never married)	598	917	1,392	1,353	1,471	1,599	1,720	1,740	10.7	12.7	15.6	17.6

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 399 and earlier reports; and unpublished data.

NO. 70. NONFAMILY HOUSEHOLDERS, BY MARITAL STATUS: 1970 TO 1984

[In thousands of persons. 1970, 14 years old and over; 1980 and 1984, 15 years old and over. As of **March.** Based on Current Population Survey; see headnote, table 63]

MARITAL STATUS	1970	1980	1984				MARITAL STATUS	1970	1980	1984			
			Total	Under 35 yr.	35-64 yr.	65 yr. old and over				Total	Under 35 yr.	35-64 yr.	65 yr. old and over
Males	**4,063**	**8,807**	**9,752**	**4,414**	**3,648**	**1,691**	**Females**	**7,882**	**12,419**	**13,658**	**3,014**	**4,116**	**6,528**
Single	1,765	4,371	4,853	3,363	1,195	294	Single	1,608	3,302	3,703	2,350	863	490
Married [1]	545	1,051	999	301	534	164	Married [1]	516	675	719	199	362	157
Widowed	996	1,177	1,264	8	255	1,002	Widowed	4,915	6,569	6,902	18	1,467	5,418
Divorced	756	2,209	2,637	743	1,664	230	Divorced	844	1,873	2,334	446	1,425	463

[1] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 399 and earlier reports; and unpublished data.

NO. 71. NONFAMILY HOUSEHOLDS, BY AGE OF HOUSEHOLDER AND PRESENCE OF NONRELATIVES: 1970 TO 1984

[1970, persons 14 years old and over; 1980 and 1984, 15 years old and over. See headnote, table 63]

ITEM	NONFAMILY HOUSEHOLDS		MALE HOUSEHOLDER (1,000)					FEMALE HOUSEHOLDER (1,000)				
	Total (1,000)	Percent	Total	15-24 yr. old	25-44 yr. old	45-64 yr. old	65 yr. old and over	Total	15-24 yr. old	25-44 yr. old	45-64 yr. old	65 yr. old and over
1970 (April), total	**12,430**	**100.0**	**4,629**	**[1] 571**	**1,346**	**1,395**	**1,318**	**7,801**	**[1] 512**	**815**	**2,577**	**3,897**
1-person (living alone)	*11,115*	*89.4*	*3,965*	*[1] 345*	*1,134*	*1,263*	*1,224*	*7,150*	*[1] 328*	*695*	*2,421*	*3,706*
Nonrelatives present	1,315	10.6	664	[1] 226	212	132	94	651	[1] 184	120	156	191
1980 (March), total	**21,226**	**100.0**	**8,807**	**1,567**	**3,854**	**1,822**	**1,565**	**12,419**	**1,189**	**2,198**	**3,048**	**5,983**
1-person (living alone)	18,296	86.2	6,966	947	2,920	1,613	1,486	11,330	779	1,809	2,901	5,842
Nonrelatives present	*2,930*	*13.8*	*1,841*	*620*	*934*	*209*	*79*	*1,089*	*410*	*389*	*147*	*141*
1984 (March), total	**23,410**	**100.0**	**9,752**	**1,246**	**4,765**	**2,051**	**1,691**	**13,658**	**1,007**	**2,943**	**3,180**	**6,528**
1-person (living alone)	19,954	85.2	7,529	698	3,455	1,779	1,595	12,425	609	2,414	3,031	6,371
Nonrelatives present	*3,456*	*14.8*	*2,223*	*548*	*1,310*	*272*	*96*	*1,233*	*398*	*529*	*149*	*157*

[1] Persons 14-24 years old.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. II, part 4B; *Current Population Reports*, series P-20, Nos. *398* and *399*.

NO. 72. PERSONS LIVING ALONE, BY SEX AND AGE: 1960 TO 1984

[**1960** census data as of **April**; thereafter, based on Current Population Survey as of **March.** See headnote, table 63]

SEX AND AGE	NUMBER OF PERSONS (1,000)							PERCENT DISTRIBUTION				
	1960	1970	1975	1980	1982	1983	1984	1960	1970	1975	1980	1984
Both sexes	**7,064**	**10,851**	**13,939**	**18,296**	**19,354**	**19,250**	**19,954**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
14-24 years [1]	234	556	1,111	1,726	1,511	1,303	1,309	3.3	5.1	8.0	9.4	6.6
25-44 years	1,212	1,604	2,744	4,729	5,560	5,576	5,869	17.2	14.8	19.7	25.8	29.4
45-64 years	2,720	3,622	4,076	4,514	4,611	4,515	4,810	38.5	33.4	29.2	24.7	24.1
65 years old and over	2,898	5,071	6,008	7,328	7,673	7,856	7,966	41.0	46.7	43.1	40.1	39.9
Male	**2,628**	**3,532**	**4,918**	**6,966**	**7,482**	**7,451**	**7,529**	**37.2**	**32.5**	**35.3**	**38.1**	**37.7**
14-24 years [1]	124	274	610	947	841	672	698	1.8	2.5	4.4	5.2	3.5
25-44 years	686	933	1,689	2,920	3,365	3,441	3,455	9.7	8.6	12.1	16.0	17.3
45-64 years	965	1,152	1,329	1,613	1,784	1,714	1,779	13.7	10.6	9.5	8.8	8.9
65 years old and over	853	1,174	1,290	1,486	1,492	1,624	1,595	12.1	10.8	9.3	8.1	8.0
Female	**4,436**	**7,319**	**9,021**	**11,330**	**11,872**	**11,799**	**12,425**	**62.8**	**67.5**	**64.7**	**61.9**	**62.3**
14-24 years [1]	110	282	501	779	670	631	609	1.6	2.6	3.6	4.3	3.1
25-44 years	526	671	1,055	1,809	2,196	2,135	2,414	7.4	6.2	7.6	9.9	12.1
45-64 years	1,755	2,470	2,747	2,901	2,826	2,801	3,031	24.8	22.8	19.7	15.9	15.2
65 years old and over	2,045	3,897	4,718	5,842	6,180	6,232	6,371	28.9	35.9	33.8	31.9	31.9

[1] Beginning 1980, persons 15-24 years old.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, Subject Report, PC(2)-4B; *Current Population Reports*, series P-20, No. 399 and earlier reports; and unpublished data.

No. 73. Population in Institutions and Other Group Quarters, by Sex, Race, and Type of Quarters: 1960 to 1980

[In thousands. As of April 1. Based on sample data and subject to sampling variability; see text, p. 1 and Appendix III. See *Historical Statistics, Colonial Times to 1970*, series A 359-371, for inmates of institutions]

Race and type of quarters	1960	1970			1980		
		Total	Male	Female	Total	Male	Female
Total	**4,902**	**5,786**	**3,438**	**2,349**	**5,738**	**3,153**	**2,586**
White	4,253	5,037	2,909	2,129	4,631	2,368	2,263
Black and other	649	749	529	220	1,107	785	323
Institutional inmates	1,887	2,127	1,126	1,000	2,492	1,231	1,261
Homes for the aged and dependent	470	928	299	629	1,426	422	1,004
Mental hospitals and residential treatment centers	630	434	245	189	255	157	99
Correctional institutions	346	328	314	15	466	439	27
Tuberculosis hospitals	65	17	12	5	8	6	1
Chronic disease hospitals (excl. TB and mental)	42	67	38	29	61	36	25
Homes and schools for the mentally handicapped	175	202	114	88	149	85	65
Homes and schools for the physically handicapped	24	23	16	6	27	15	12
Homes for dependent and neglected children	73	48	28	19	38	24	14
Homes for unwed mothers	3	4	(Z)	4	2	–	2
Training schools for juvenile delinquents	46	66	53	14	42	34	8
Detention homes	11	10	7	4	17	14	3
College dormitories	829	1,765	891	874	1,994	989	1,006
Military quarters	868	1,025	1,005	20	671	613	58
Rooming and boarding houses	634	330	191	139	176	107	69
Other	684	539	224	315	404	212	192

– Represents or rounds to zero. Z Fewer than 500.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. I, chapter D, and vol. II; *Census of Population: 1970*, vols. I and II; and *1980 Census of Population*, vol. 2 (PC80-2-4D).

No. 74. Population in Group Quarters, by Selected Type—States: 1980

[As of April 1. Based on a sample and subject to sampling variability, see text, p.1 and Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Total persons in group quarters [1]	Inmates of mental hospitals	Inmates of homes for the aged	In college dormitory
U.S	**5,738,423**	**245,029**	**1,426,371**	**1,994,282**
Region:				
Northeast	1,289,828	80,652	327,319	512,126
Midwest	1,497,156	57,029	472,568	580,885
South	1,928,537	71,051	396,554	655,598
West	1,022,902	36,297	229,930	245,673
N.E	**408,149**	**16,248**	**106,344**	**187,896**
ME	36,936	1,259	9,570	15,705
NH	29,556	700	6,673	16,454
VT	20,992	550	4,354	13,597
MA	197,940	8,568	49,728	93,690
RI	33,995	1,500	8,146	16,314
CT	88,730	3,671	27,873	32,136
M.A	**881,679**	**64,404**	**220,975**	**324,230**
NY	446,898	36,078	114,276	155,061
NJ	135,512	8,807	34,414	37,227
PA	297,269	19,519	72,285	131,942
E.N.C	**972,160**	**40,848**	**296,088**	**378,958**
OH	228,653	11,102	71,479	90,229
IN	145,755	5,606	40,112	72,654
IL	271,054	9,975	80,410	89,020
MI	197,786	9,620	55,805	79,033
WI	128,912	4,545	48,282	48,022
W.N.C	**524,996**	**16,181**	**176,480**	**201,927**
MN	118,738	4,732	44,553	43,086
IA	96,389	2,637	36,217	41,649
MO	127,643	4,117	37,942	47,243
ND	27,118	1,129	7,486	10,977
SD	26,154	559	8,087	10,744
NE	48,493	805	17,650	19,120
KS	80,461	2,202	24,545	28,908
S.A	**992,590**	**41,254**	**163,080**	**331,459**
DE	16,223	560	2,771	7,616
MD	94,182	6,141	19,821	31,613
DC	31,795	2,215	2,866	15,974
VA	176,852	9,723	24,323	58,296
WV	34,869	1,443	6,355	17,534
NC	194,682	5,220	29,596	78,207
SC	105,874	4,190	11,666	37,931
GA	142,344	3,674	29,376	39,897
FL	195,769	8,088	36,306	44,391
E.S.C	**357,085**	**13,496**	**77,060**	**138,284**
KY	103,368	2,067	23,591	34,247
TN	111,441	6,215	22,014	47,525
AL	77,991	2,560	18,702	29,059
MS	64,285	2,654	12,753	27,453
W.S.C	**578,862**	**16,301**	**156,414**	**185,855**
AR	51,610	1,394	18,631	19,226
LA	96,375	3,936	22,776	35,467
OK	90,189	1,580	25,732	34,678
TX	340,688	9,391	89,275	96,484
Mt	**234,371**	**6,808**	**47,139**	**84,004**
MT	20,128	747	5,479	8,160
ID	18,985	510	5,084	6,295
WY	9,037	608	2,198	3,657
CO	74,198	1,964	16,109	25,691
NM	22,573	622	2,585	8,302
AZ	51,999	1,358	8,424	18,689
UT	25,339	656	4,921	10,887
NV	12,112	343	2,339	2,323
Pac	**788,531**	**29,489**	**182,791**	**161,669**
WA	109,060	3,275	27,970	30,302
OR	57,616	2,357	16,052	20,226
CA	566,056	23,118	134,756	104,292
AK	16,243	154	854	1,371
HI	39,556	585	3,159	5,478

[1] Includes persons in other group quarters, not shown separately.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter C (PC80-1-C).

No. 75. Religious Bodies—Selected Data

[Represents latest information available from religious bodies with memberships of 50,000 or more; excludes a few groups giving no data. Not all groups follow same calendar year nor count membership in same way; some groups give only approximate figures. Roman Catholics count all baptized persons, including infants; Jewish statistics are estimates of the number of persons living in Jewish households including as a consequence of intermarriage, approximately 7.4 percent non-Jewish persons. Eastern Orthodox Churches include all persons in their nationality or cultural groups; most Protestant bodies count only persons who have attained full membership, and previous estimates have indicated that all but a small minority of these are over 13 years of age; however, many Lutheran bodies and The Episcopal Church now report all baptized persons, and not only those confirmed. Data which appear in italics are "noncurrent," i.e., they are reported for **1982 or earlier.** All other data are "current" and were reported in **1983** or **1984**]

RELIGIOUS BODY	Year	Churches reported	Member-ship (1,000)	Pastors serving parishes	Sunday school enrollment[1] (1,000)
Total	(x)	**338,244**	**140,816**	**317,465**	**28,861**
Bodies with membership of 50,000 or more	(x)	**323,405**	**139,296**	**304,019**	**28,315**
Current data	(x)	203,656	106,229	210,308	28,315
Noncurrent data	(x)	*119,749*	*33,067*	*93,711*	(NA)
African Methodist Episcopal Church	*1981*	*6,200*	*2,210*	*6,050*	(NA)
African Methodist Episcopal Zion Church	*1982*	*6,023*	*1,134*	*6,000*	(NA)
American Baptist Association	1983	1,641	225	(NA)	(NA)
American Baptist Churches in the U.S.A.	*1982*	*5,851*	*1,637*	*3,959*	(NA)
American Carpatho-Russian Orthodox Greek Catholic Church	*1976*	*70*	*100*	(NA)	(NA)
American Lutheran Church, The	1983	4,905	2,343	4,595	580
Antiochian Orthodox Christian Archdiocese of North America, The	1984	120	280	155	6
Apostolic Catholic Assyrian Church of the East, N. American Diocese	1983	23	80	54	(NA)
Apostolic Overcoming Holy Church of God	*1956*	*300*	*75*	*300*	(NA)
Armenian Apostolic Church of America	1984	33	350	27	(NA)
Armenian Church of America, Diocese of the	*1979*	*66*	*450*	*45*	(NA)
Assemblies of God	1983	10,386	1,993	14,698	1,457
Baptist General Conference	1984	732	129	1,030	89
Baptist Missionary Association of America	1983	1,411	234	1,500	104
Buddhist Churches of America	1984	100	70	70	5
Bulgarian Eastern Orthodox Church (Diocese of N. and S. America and Australia)	*1971*	*13*	*86*	(NA)	(NA)
Christian and Missionary Alliance, The	1983	1,532	216	1,556	167
Christian Church (Disciples of Christ)	1983	4,608	1,146	4,035	345
Christian Churches and Churches of Christ	1983	5,502	1,044	(NA)	(NA)
Christian Congregation, Inc., The	1983	1,429	101	1,429	57
Christian Methodist Episcopal Church	1983	2,340	719	2,340	213
Christian Reformed Church in North America	1983	639	219	596	52
Church of God, The	*1978*	*2,035*	*76*	*1,910*	(NA)
Church of God (Anderson, IN)	1983	2,286	182	1,923	218
Church of God (Cleveland, TN)	1983	5,410	493	4,770	(NA)
Church of God in Christ, The	*1982*	*9,982*	*3,710*	*9,204*	(NA)
Church of God in Christ, International, The	*1982*	*300*	*200*	*700*	(NA)
Church of God of Prophecy, The	1983	2,040	74	(NA)	(NA)
Church of Jesus Christ of Latter-day Saints, The	1983	8,017	3,602	24,201	3,374
Church of the Brethren	1983	1,067	165	(NA)	(NA)
Church of the Nazarene	1983	4,931	508	4,000	822
Churches of Christ	1983	13,056	1,600	(NA)	(NA)
Community Churches, International Council of	1983	250	173	(NA)	(NA)
Congregational Christian Churches, National Association of	1984	457	106	524	14
Conservative Baptist Association of America	*1982*	*1,140*	*225*	(NA)	(NA)
Coptic Orthodox Church	1983	28	100	27	(NA)
Cumberland Presbyterian Church	1983	878	100	501	48
Episcopal Church, The	1983	7,387	2,795	7,695	552
Evangelical Covenant Church, The	1983	554	83	473	69
Evangelical Free Church of America	1984	900	146	1,150	104
Evangelical Lutheran Churches, The Association of	*1982*	*272*	*111*	*334*	(NA)
Free Methodist Church of North America	*1982*	*1,012*	*71*	*900*	(NA)
Free Will Baptists	1983	2,480	226	2,790	179
Friends United Meeting	1983	534	58	303	26
Full Gospel Fellowship of Churches and Ministers, International	1983	401	65	809	45
General Association of Regular Baptist Churches	*1981*	*1,571*	*301*	*2,000*	(NA)
General Baptists (General Association of)	1983	860	75	(NA)	(NA)
Greek Orthodox Archdiocese of North and South America	*1977*	*535*	*1,950*	610	(NA)
Independent Fundamental Churches of America	*1980*	*1,019*	*120*	*786*	(NA)
International Church of the Foursquare Gospel	1983	113	165	(NA)	(NA)
Jehovah's Witnesses	1983	7,921	650	(NA)	(NA)
Jews[2]	1983	3,500	5,728	3,060	(NA)
Liberty Baptist Fellowship	1983	267	130	374	65
Lutheran Church in America	1983	5,815	2,925	5,142	668

See footnotes at end of table.

No. 75. Religious Bodies—Selected Data—Continued

[See headnote, p. 49]

Religious body	Year	Churches reported	Membership (1,000)	Pastors serving parishes	Sunday school enrollment[1] (1,000)
Bodies with membership of 50,000 or more—Con.					
Lutheran Church—Missouri Synod, The	1983	5,829	2,631	4,933	646
Mennonite Church	1983	1,201	110	2,105	115
National Baptist Convention of America	*1956*	*11,398*	*2,669*	*7,598*	(NA)
National Baptist Convention, U.S.A., Inc	*1958*	*26,000*	*5,500*	*26,000*	(NA)
National Primitive Baptist Convention, Inc	*1975*	*606*	*250*	*460*	(NA)
North American Old Roman Catholic Church	1983	130	62	107	12
Orthodox Church in America	*1978*	*440*	*1,000*	*457*	(NA)
Pentecostal Church of God	1983	1,020	90	(NA)	(NA)
Pentecostal Holiness Church, International	1983	1,443	108	1,402	139
Plymouth Brethren	1983	1,100	98	(NA)	(NA)
Polish National Catholic Church of America	*1960*	*162*	*282*	*141*	(NA)
Presbyterian Church in America	1983	825	156	(NA)	66
Presbyterian Church (U.S.A.)	1983	11,596	3,122	10,814	1,146
Primitive Baptists	*1960*	*1,000*	*72*	(NA)	(NA)
Progressive National Baptist Convention, Inc	*1967*	*655*	*522*	(NA)	(NA)
Reformed Church in America	1983	920	345	845	104
Reorganized Church of Jesus Christ of Latter-day Saints	1983	1,059	193	16,400	(NA)
Roman Catholic Church, The	1983	24,260	52,393	35,163	7,671
Russian Orthodox Church in the U.S.A., Patriarchal Parishes of the	*1975*	*41*	*52*	*55*	(NA)
Russian Orthodox Church Outside of Russia, The	*1955*	*81*	*55*	*92*	(NA)
Salvation Army, The	1983	1,061	428	2,549	105
Serbian Eastern Orthodox Church in the U.S.A. and Canada	*1982*	*78*	*97*	*57*	(NA)
Seventh-day Adventists	1983	3,907	624	2,076	504
Southern Baptist Convention	1983	34,464	14,178	35,900	7,807
Triumph the Church and Kingdom of God in Christ (International)	*1972*	*475*	*54*	*860*	(NA)
Ukrainian Orthodox Church in the U.S.A	*1966*	*107*	*88*	*107*	(NA)
Unitarian Universalist Association	1983	945	169	473	37
United Church of Christ	1983	6,427	1,702	5,277	453
United Free Will Baptist Church	*1952*	*836*	*100*	*784*	(NA)
United Methodist Church, The	*1982*	*38,181*	*9,405*	*20,781*	(NA)
United Pentecostal Church, International	*1982*	*3,300*	*465*	*3,521*	(NA)
Wesleyan Church, The	1983	1,722	108	1,403	203
Wisconsin Evangelical Lutheran Synod	1983	1,193	414	1,034	48
Bodies with membership of less than 50,000	(x)	**14,839**	**1,520**	**13,446**	**546**

NA Not available. X Not applicable. [1] Includes pupils, officers, and teachers. [2] Estimate of size of Jewish community provided by American Jewish Yearbook.

Source: National Council of the Churches of Christ in the United States of America, New York, NY, *Yearbook of American and Canadian Churches*, annual. (Copyright.)

No. 76. Religious Bodies—Church Membership, 1960 to 1983, and Number of Churches, 1983

[Membership in thousands, except as indicated. See headnote, table 75. See also *Historical Statistics, Colonial Times to 1970*, series H 793–799]

Religious body	Membership						Number of churches, 1983
	1960	1965	1970	1975	1980	1983	
Total	**114,449**	**124,682**	**131,045**	**131,013**	**134,817**	**140,816**	**338,244**
Members as percent of population[1]	64	64	63	61	59	60	(x)
Average members per local church	359	382	399	393	401	416	(x)
Buddhist Churches of America	20	92	100	60	60	70	100
Eastern Churches	2,699	3,172	3,850	3,696	3,823	4,034	1,656
Jews[2]	5,367	5,600	5,870	6,115	5,920	5,728	3,500
Old Catholic, Polish National Catholic, and Armenian Churches	590	484	848	846	924	1,150	436
The Roman Catholic Church	42,105	46,246	48,215	48,882	50,450	52,393	24,260
Protestants[3]	63,689	69,088	71,713	71,043	73,478	77,254	307,147
Miscellaneous[4]			449	372	161	188	1,145

X Not applicable. [1] Based on Bureau of the Census estimated total population as of July 1. [2] Estimates of the Jewish community including those identified with Orthodox, Conservative and Reformed synagogues or temples. [3] Includes nonprotestant bodies such as "Latter-day Saints" and "Jehovah's Witnesses." [4] Includes non-Christian bodies such as "Spiritualists," "Ethical Culture Movement," and "Unitarian-Universalists."

Source: National Council of the Churches of Christ in the United States of America, New York, NY, *Yearbook of American and Canadian Churches*, annual. (Copyright.)

No. 77. Church Attendance, 1958 to 1984, and by Selected Characteristics, 1984

[In percent. Represents percent of population, 18 years old and over, who attended a church or synagogue in the last seven days. Data represent averages of the combined results of several surveys during year. Data are subject to sampling variability, see source]

YEAR	Persons attending church/ synagogue	SEX AND AGE	Attendance, 1984	RACE, SPANISH ORIGIN, AND REGION	Attendance, 1984	DENOMINATION	Attendance, 1984
1958	49	Male	35	White	39	Catholics	51
1960	47	Female	44	Black	43	Jews	22
1967	43	18–24 yrs.	30	Hispanic	49	Protestants	39
1970	42	25–29 yrs.	31	East[1]	38	Baptists	41
1977	41	30–49 yrs.	40	Midwest[2]	42	Methodists	33
1980	40	50–64 yrs.	45	South[3]	44	Lutherans	39
1983	40	65 yrs. and over	48	West[4]	33	Presbyterians	39
1984	40					Episcopalians	35
						Latter-Day Saints	53

[1] ME, NH, RI, NY, CT, VT, MA, NJ, PA, WV, DE, MD, and DC. [2] OH, IN, IL, MI, MN, WI, IA, ND, SD, KS, NE, and MO. [3] KY, TN, VA, NC, SC, GA, FL, AL, MS, TX, AR, OK, and LA. [4] AZ, NM, CO, NV, MT, ID, WY, UT, CA, WA, OR, AK, and HI.

Source: Gallup Opinion Poll, Princeton, NJ, "Religion in America" in *The Gallup Report*, periodic.

No. 78. Christian Church Adherents, 1980, and Jewish Population, 1984—States

[Christian church adherents were defined as "all members, including full members, their children and the estimated number of other regular participants who are not considered as communicant, confirmed or full members." Data on Christian church adherents are based on reports of 111 church bodies and exclude 18 church bodies that reported more than 100,000 members to the *Yearbook of American and Canadian Churches* (see table 75): African Methodist Episcopal Church; Progressive National Baptist Convention, Inc.; National Primitive Baptist Convention, Inc.; National Baptist Convention, U.S.A., Inc.; National Baptist Convention of America; Church of God in Christ, International; Church of God in Christ; Jehovah's Witnesses; United Pentecostal Church International; Polish National Catholic Church of America; General Association of Regular Baptist Churches; Free Will Baptists; Church of God of Prophecy; National Council of Community Churches; Reorganized Church of Jesus Christ of Latter Day Saints; Independent Fundamental Churches of America; Pentecostal Church of God of America, Inc.; and Wesleyan Church. Data on Jewish population are based primarily on a compilation of individual estimates made by local Jewish federations. Most such estimates are made by multiplying the number of families by the average size of household and thus it may include some non-Jews living in Jewish households. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	CHRISTIAN CHURCH ADHERENTS, 1980		JEWISH POPULATION, 1984		DIVISION AND STATE	CHRISTIAN CHURCH ADHERENTS, 1980		JEWISH POPULATION, 1984	
	Number (1,000)	Percent of population[1]	Number (1,000)	Percent of population[1]		Number (1,000)	Percent of population[1]	Number (1,000)	Percent of population[1]
U.S.	**111,736**	**49.3**	**5,817**	**2.5**	**South Atlantic**	**16,247**	**44.0**	**923**	**2.4**
					Delaware	238	40.1	10	1.6
Region:					Maryland	1,673	39.7	199	4.6
Northeast	27,029	55.0	3,122	6.3	District of Columbia	304	47.6	24	3.9
Midwest	31,204	53.0	665	1.1	Virginia	2,221	41.5	61	1.1
South	37,516	49.8	1,073	1.4	West Virginia	772	39.6	4	.2
West	15,986	37.0	957	2.1	North Carolina	3,169	53.9	15	.3
					South Carolina	1,603	51.3	9	.3
New England	**7,381**	**59.8**	**396**	**3.2**	Georgia	2,560	46.9	42	.7
Maine	461	41.0	10	.9	Florida	3,707	38.0	559	5.2
New Hampshire	407	44.2	6	.6	**East South Central**	**8,079**	**55.1**	**44**	**.3**
Vermont	244	47.7	2	.5	Kentucky	1,979	54.1	13	.4
Massachusetts	3,669	64.0	248	4.3	Tennessee	2,485	54.1	18	.4
Rhode Island	710	75.0	22	2.3	Alabama	2,230	57.3	10	.2
Connecticut	1,890	60.8	108	3.4	Mississippi	1,385	54.9	3	.1
Middle Atlantic	**19,649**	**53.4**	**2,726**	**7.4**	**West South Central**	**13,189**	**55.5**	**106**	**.4**
New York	8,548	48.7	1,880	10.6	Arkansas	1,282	56.1	3	.1
New Jersey	3,923	53.3	433	5.8	Louisiana	2,404	57.2	17	.4
Pennsylvania	7,177	60.5	412	3.5	Oklahoma	1,751	57.9	7	.2
					Texas	7,752	54.5	78	.5
East North Central	***20,969***	***53.3***	***540***	***1.3***	**Mountain**	**5,241**	**46.1**	**125**	**1.0**
Ohio	5,306	49.1	140	1.3	*Montana*	*348*	*44.2*	*1*	*.1*
Indiana	2,451	44.6	21	.4	Idaho	472	50.0	1	.1
Illinois	6,251	54.7	261	2.3	Wyoming	207	44.0	(Z)	.1
Michigan	3,932	42.5	85	.9	Colorado	1,052	36.4	44	1.4
Wisconsin	3,029	64.4	31	.7	New Mexico	767	58.9	5	.4
West North Central	**10,235**	**59.6**	**126**	**.7**	Arizona	1,065	39.2	53	1.8
Minnesota	2,644	64.9	32	.8	Utah	1,097	75.1	2	.2
Iowa	1,781	61.1	8	.3	Nevada	233	29.1	18	2.0
Missouri	2,613	53.1	65	1.3	**Pacific**	**10,745**	**33.8**	**832**	**2.5**
North Dakota	482	73.8	1	.2	Washington	1,275	30.9	22	.5
South Dakota	462	66.9	1	.1	Oregon	946	35.9	11	.4
Nebraska	990	63.1	8	.5	California	8,082	34.1	793	3.2
Kansas	1,262	53.4	11	.5	Alaska	123	30.6	1	.2
					Hawaii	319	33.1	6	.5

Z Fewer than 500. [1] Based on U.S. Bureau of the Census data for resident population enumerated as of April 1, 1980 and estimated as of July 1984.

Source: Christian church adherents—B. Quinn, H. Anderson, M. Bradley, P. Goetting, and P. Shriver, *Churches and Church Membership in the United States 1980*, Glenmary Research Center, Atlanta, GA, 1982 (copyright); Jewish population—American Jewish Committee and the American Jewish Publication Society, New York, NY, *American Jewish Year Book, 1985* (copyright).

No. 79. Religious Bodies—Church Contributions

[Data are for 40 U.S. Communions reporting primarily in 1983, although a few report 1982 or 1984 data. Data are incomplete as not all U.S. churches have current data available. For additional data, see source]

Religious body	Contributions		Congregational finances ($1,000)	Benevolences [2]	
	Total ($1,000)	Per capita inclusive membership [1]		Total ($1,000)	Percent of total contributions
United States Communions	**11,672,316**	**256.34**	**9,381,484**	**2,290,832**	**19.6**
American Baptist Churches in the U.S.A.	284,208	173.60	242,750	41,458	14.6
American Lutheran Church, The	460,134	196.35	375,500	84,634	18.4
Associate Reformed Presbyterian Church (General Synod)	12,820	356.77	3,125	9,695	75.6
Baptist General Conference	81,377	631.26	66,450	14,927	18.3
Baptist Missionary Association of America	45,426	194.01	37,627	7,799	17.2
Brethren in Christ Church	9,497	630.70	7,638	1,859	19.6
Christian and Missionary Alliance, The	105,332	487.97	85,391	19,941	18.9
Christian Church (Disciples of Christ)	277,744	242.38	241,935	35,809	12.9
Church of God General Conference, Oregon, Illinois	2,393	415.58	1,981	412	17.2
Church of God (Anderson, Indiana)	95,206	522.56	81,309	13,897	14.6
Church of the Brethren	54,215	329.22	39,727	14,488	26.7
Church of the Lutheran Confession	2,104	236.43	1,730	374	17.8
Church of the Nazarene	272,328	536.63	237,221	35,107	12.9
Churches of God, General Conference	13,733	398.94	10,842	2,891	21.1
Conservative Congregational Christian Conference	12,178	455.00	9,198	2,980	24.5
Cumberland Presbyterian Church	22,811	228.37	20,207	2,604	11.4
Episcopal Church, The	876,844	313.76	708,162	168,682	19.2
Evangelical Congregational Church	9,399	244.57	7,380	2,019	21.5
Evangelical Covenant Church, The	57,014	687.38	46,398	10,616	18.6
Evangelical Lutheran Synod	4,681	227.74	3,843	838	17.9
Evangelical Mennonite Brethren Conference	2,089	997.55	623	1,466	70.2
Evangelical Mennonite Church	2,669	691.96	1,931	738	27.2
Friends United Meeting	14,610	250.30	11,723	2,887	19.8
General Association of General Baptists	19,017	253.11	17,283	1,734	9.1
International Pentecostal Church of Christ	1,577	587.39	1,522	55	3.9
Latvian Evangelical Lutheran Church in America, The	2,020	142.66	1,800	220	10.9
Lutheran Church in America	546,149	186.72	457,240	88,909	16.3
Lutheran Church—Missouri Synod, The	596,514	226.73	499,221	97,293	16.3
Mennonite Church	51,736	469.07	34,154	17,582	34.0
Moravian Church in America, Northern Province	7,530	233.05	6,618	912	12.1
North American Baptist Conference	23,144	534.67	18,011	5,133	22.2
Orthodox Presbyterian Church, The	8,630	498.72	6,875	1,755	20.3
Presbyterian Church (U.S.A.)	1,245,738	398.99	1,047,757	197,981	15.9
Reformed Church in America	112,705	327.13	92,072	20,633	18.3
Seventh-day Adventists	467,097	749.08	143,636	323,461	69.3
Southern Baptist Convention	3,367,355	237.50	2,838,574	528,781	15.7
United Church of Christ	388,330	227.64	332,613	55,717	14.4
United Methodist Church, The	1,931,797	205.39	1,493,669	438,128	22.7
Wesleyan Church, The	74,312	690.17	62,065	12,247	16.5
Wisconsin Evangelical Lutheran Synod	109,854	265.22	85,684	24,169	22.0

[1] Inclusive membership refers to those who are full, communicant, or confirmed members, plus other members listed as baptized, or nonconfirmed, or noncommunicant. [2] Benevolences are funds allocated *outside* of local churches to such agencies as domestic denominational church boards and societies, regional offices (dioceses, conferences, synods, etc.) and in support of national church operations usually at the national headquarters of a religious body. They also include funds sent overseas for missions, projects of relief, resettlement and rehabilitation, and special charitable appeals both religious and secular.

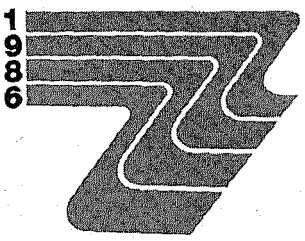
Source: National Council of the Churches of Christ in the United States of America, New York, NY, *Yearbook of American and Canadian Churches*, annual. (Copyright.)

No. 80. National Nonprofit Associations—Number, by Type: 1970 to 1984

Type	1970	1975	1980	1984	Type	1970	1975	1980	1984
Total	[1] 10,734	12,866	14,726	18,170	Public affairs	498	835	1,068	1,795
Trade, business, commercial	2,895	2,637	3,118	3,622	Fraternal, foreign interest, nationality, ethnic	610	460	435	480
Agriculture	508	612	677	832	Religious	806	736	797	894
Legal, governmental, public administration, military	346	450	529	646	Veteran, hereditary, patriotic	198	213	208	263
Scientific, engineering, tech	548	874	1,039	1,170	Hobby, avocational	444	681	910	1,232
Educational and cultural	1,383	2,132	2,376	2,680	Athletic sports	336	449	504	707
Social welfare	475	777	994	1,333	Labor unions	226	234	235	249
Health, medical	830	1,138	1,413	1,805	Chambers of Commerce [2]	110	112	105	135
					Greek letter societies	334	326	318	327

[1] Includes associations not shown separately. [2] National, binational, and international.

Source: Gale Research Co., Detroit, MI. Compiled from *Encyclopedia of Associations*, annual. (Copyright.)



Section 2

Vital Statistics

This section presents vital statistics—data on births; deaths; abortions; fetal deaths, including stillbirths; fertility; life expectancy; marriages; and divorces. Vital statistics are compiled for the country as a whole by the National Center for Health Statistics (NCHS) and published in its annual report, *Vital Statistics of the United States,* in certain reports of the *Vital and Health Statistics* series, and in the *Monthly Vital Statistics Report.* Reports in this field are also issued by the various State bureaus of vital statistics. Data on fertility, on age of persons at first marriage, and on marital status and marital history are compiled by the Bureau of the Census from its Current Population Survey (CPS; see text, pp. 1 and 2) and published in *Current Population Reports,* series P–20. Data on abortions are published by the Alan Guttmacher Institute, New York, NY in selected issues of *Family Planning Perspectives* and by the U.S. Centers for Disease Control in the annual *Abortion Surveillance Report—Legal Abortions.*

Registration of vital events.—The registration of births, deaths, fetal deaths, and other vital events in the United States is primarily a State and local function. The civil laws of every State provide for a continuous and permanent birth- and death-registration system. Many States also provide for marriage- and divorce-registration systems. Vital events occurring to U.S. residents outside the United States are not included in the data.

Births and deaths.—The live-birth, death, and fetal-death statistics prepared by NCHS are based on copies of vital records received from registration offices of all States, of New York City, and of the District of Columbia. The annual collection of death statistics on a national basis began in 1900 with a national death-registration area of 10 States and the District of Columbia; a similar annual collection of birth statistics for a national birth-registration area began in 1915, also with 10 reporting States and the District of Columbia. Since 1933, the birth- and death-registration areas have comprised the entire United States, including Alaska (beginning 1959) and Hawaii (beginning 1960). National statistics on fetal deaths were first compiled for 1918 and annually since 1922.

Prior to 1951, birth statistics came from a complete count of records received in the Public Health Service (now received in NCHS). From 1951 through 1971, they were based on a 50-percent sample of all registered births (except for a complete count in 1955 and a 20- to 50-percent sample in 1967). Beginning in 1972, they have been based on a complete count for States in the Cooperative Health Statistics System (for details, see the technical appendix in *Vital Statistics of the United States*) and on a 50-percent sample of all other areas. Mortality data have been based on a complete count of records for each area (except for a 50-percent sample in 1972). Beginning in 1970, births to, and deaths of nonresident aliens of the United States and U.S. citizens outside the United States have been excluded from the data. Fetal deaths and deaths among Armed Forces abroad are excluded. Data based on samples are subject to sampling error; for details, see annual issues of *Vital Statistics of the United States.*

Mortality statistics by cause of death are compiled in accordance with World Health Organization regulations according to the *International Classification of Diseases* (ICD). The ICD is revised approximately every 10 years. The ninth revision of the ICD was employed beginning in 1979. Deaths for prior years were classified according to the revision of the ICD in use at the time. Each revision of the ICD introduces a number of discontinuities in mortality statistics; for a discussion of those between the eighth and ninth revisions of the ICD, see *Monthly Vital Statistics Report,* vol. 28, No. 11, supplement.

Some of the tables present age-adjusted death rates in addition to crude death rates. Age adjusted death rates shown in this section were prepared using the direct method, in which age-specific death rates for a population of interest are applied to a standard population distributed by age. Age adjustment eliminates the differences in observed rates between points in time or among compared population groups that result from age differences in population composition.

Abortions.—The U.S. Centers for Disease Control (CDC) collects data on abortions annually from States which have a central health agency with a statewide reporting system. The Alan Guttmacher Institute, New York, NY also issues data on the number of abortions based on its own surveys of hospitals and physicians. The Guttmacher Institute also publishes data on the character-

istics of abortions after adjusting CDC data for changes in the number of States reporting each year.

Fertility and life expectancy.—The total fertility rate, defined as the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year, is compiled and published by NCHS. Other data relating to social and medical factors which affect fertility rates, such as contraceptive use and birth expectations, are collected and made available by both NCHS and the Bureau of the Census. NCHS figures are based on information in birth and fetal death certificates and on the periodic National Surveys of Family Growth; Bureau of the Census data are based on decennial censuses and the CPS.

Data on life expectancy, the average remaining lifetime in years for persons who attain a given age, are computed and published by NCHS. For details, see the technical appendix in *Vital Statistics of the United States.*

Marriage and divorce.—The compilation of nationwide statistics on marriages and divorces in the United States began in 1887–1888 when the National Office of Vital Statistics prepared estimates for the years 1867–1886. Although periodic updates took place after 1888, marriage and divorce statistics were not collected and published annually until 1944 by that Office. In 1957 and 1958, respectively, the same Office established marriage- and divorce-registration areas. Beginning in 1957, the marriage-registration area comprised 30 States, plus Alaska, Hawaii, Puerto Rico, and the Virgin Islands; it currently includes 42 States and the District of Columbia. The divorce-registration area, starting in 1958 with 14 States, Alaska, Hawaii, and the Virgin Islands, currently includes a total of 31 States and the Virgin Islands. Procedures for estimating the number of marriages and divorces in the registration States are discussed in *Vital Statistics of the United States, Vol. III—Marriage and Divorce.* Total counts of events for registration and nonregistration States are gathered by collecting already summarized data on marriages and divorces reported by State offices of vital statistics and by county offices of registration.

Another important source of data on marriage and divorce trends in the United States is the March supplement to the Current Population Survey conducted by the Bureau of the Census. For information on marital status, see section 1.

Vital statistics rates.—Except as noted, vital statistics rates computed by NCHS are based on decennial census population figures as of April 1 for 1940, 1950, 1960, 1970, and 1980; and on midyear population figures for other years, as estimated by the Bureau of the Census (see text, p. 2).

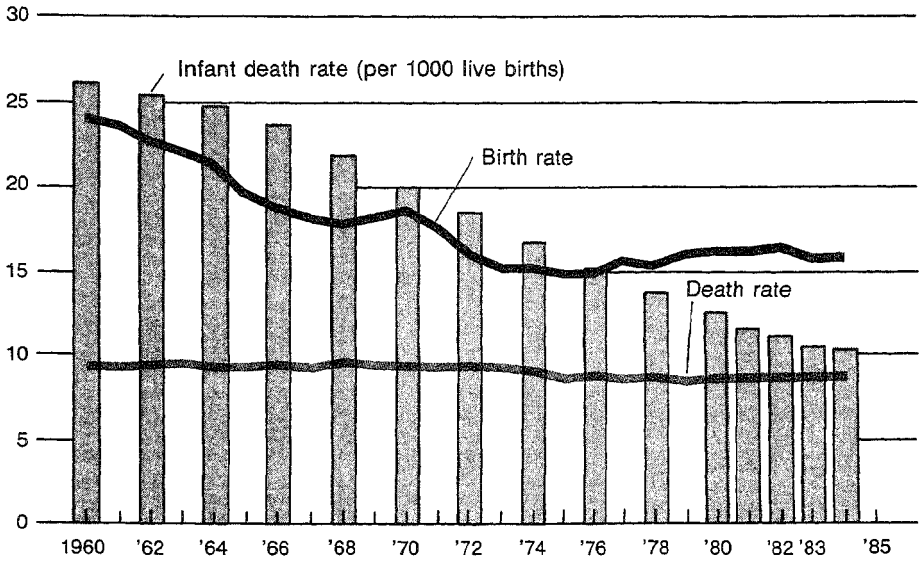
Race.—Data by race for births, deaths, marriages, and divorces from NCHS are based on information contained in the certificates of registration. The Census Bureau's Current Population Survey obtains information on race by asking respondents to classify their race as 1) White, 2) Black, 3) American Indian, Eskimo, or Aleut, or 4) Asian or Pacific Islander.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures, and measures of statistical reliability applicable to Census Bureau and NCHS data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

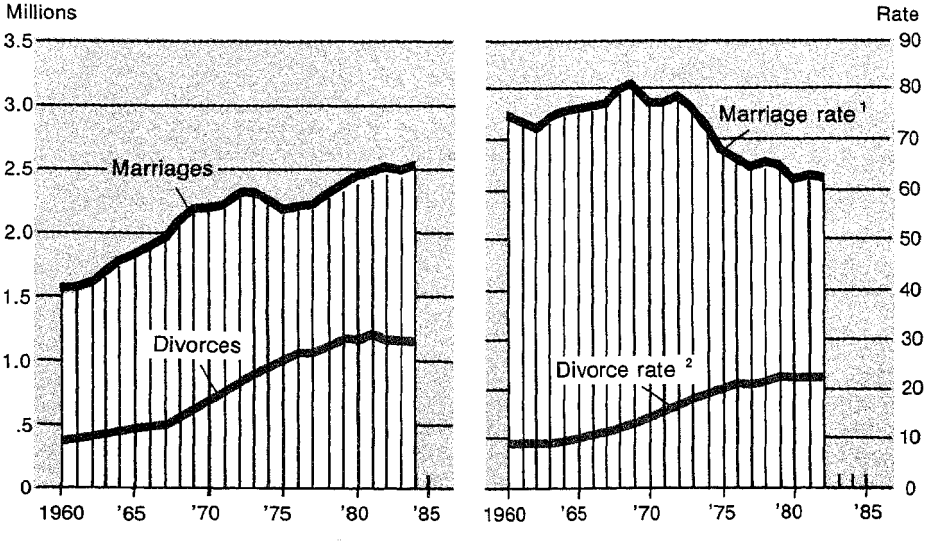
Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

Figure 2.1
Birth and Death Rates: 1960 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 81.

Figure 2.2
Marriages and Divorces: 1960 to 1984



[1] Rate per 1000 unmarried women, 15 years old and over.
[2] Rate per 1000 married women, 15 years old and over.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 81 and 124.

NO. 81. LIVE BIRTHS, DEATHS, MARRIAGES, AND DIVORCES: 1910 TO 1984

[Prior to 1960, excludes Alaska and Hawaii. Figures for deaths and death rates for 1910–1930 are for death-registration States only. Beginning 1970, excludes births to, and deaths of, nonresidents of the U.S. See Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series B 1–5, B 142, B 167, B 214, and B 216]

YEAR	NUMBER (1,000)					RATE PER 1,000 POPULATION				
	Births [1]	Deaths		Marriages [3]	Divorces [4]	Births [1]	Deaths		Marriages [3]	Divorces [4]
		Total	Infant [2]				Total	Infant [2]		
1910	2,777	697	(NA)	948	83	30.1	14.7	(NA)	10.3	.9
1915	2,965	916	78	1,008	104	29.5	13.2	99.9	10.0	1.0
1920	2,950	1,118	130	1,274	171	27.7	13.0	85.8	12.0	1.6
1925	2,909	1,192	135	1,188	175	25.1	11.7	71.7	10.3	1.5
1930	2,618	1,327	142	1,127	196	21.3	11.3	64.6	9.2	1.6
1935	2,377	1,393	120	1,327	218	18.7	10.0	55.7	10.4	1.7
1940	2,559	1,417	111	1,596	264	19.4	10.8	47.0	12.1	2.0
1945	2,858	1,402	105	1,613	485	20.4	10.6	38.3	12.2	3.5
1950	3,632	1,452	104	1,667	385	24.1	9.6	29.2	11.1	2.6
1955	4,097	1,529	107	1,531	377	25.0	9.3	26.4	9.3	2.3
1957	4,300	1,633	112	1,518	381	25.3	9.6	26.3	8.9	2.2
1960	4,258	1,712	111	1,523	393	23.7	9.5	26.0	8.5	2.2
1965	3,760	1,828	93	1,800	479	19.4	9.4	24.7	9.3	2.5
1966	3,606	1,863	86	1,857	499	18.4	9.5	23.7	9.5	2.5
1967	3,521	1,851	79	1,927	523	17.8	9.4	22.4	9.7	2.6
1968	3,502	1,930	76	2,069	584	17.5	9.7	21.8	10.4	2.9
1969	3,600	1,922	75	2,145	639	17.8	9.5	20.7	10.6	3.2
1970	3,731	1,921	75	2,159	708	18.4	9.5	20.0	10.6	3.5
1971	3,556	1,928	68	2,190	773	17.2	9.3	19.1	10.6	3.7
1972	3,258	1,964	60	2,282	845	15.6	9.4	18.5	10.9	4.0
1973	3,137	1,973	56	2,284	915	14.8	9.3	17.7	10.8	4.3
1974	3,160	1,934	53	2,230	977	14.8	9.1	16.7	10.5	4.6
1975	3,144	1,893	51	2,153	1,036	14.6	8.8	16.1	10.0	4.8
1976	3,168	1,909	48	2,155	1,083	14.6	8.8	15.2	9.9	5.0
1977	3,327	1,900	47	2,178	1,091	15.1	8.6	14.1	9.9	5.0
1978	3,333	1,928	46	2,282	1,130	15.0	8.7	13.8	10.3	5.1
1979	3,494	1,914	46	2,331	1,181	15.6	8.5	13.1	10.4	5.3
1980	3,612	1,990	46	2,390	1,189	15.9	8.8	12.6	10.6	5.2
1981	3,629	1,978	43	2,422	1,213	15.8	8.6	11.9	10.6	5.3
1982	3,681	1,975	42	2,456	1,170	15.9	8.5	11.5	10.6	5.0
1983, prel	3,614	2,010	39	2,444	1,179	15.5	8.6	10.9	10.5	5.0
1984, prel	3,697	2,047	39	2,487	1,155	15.7	8.7	10.6	10.5	4.9

NA Not available. [1] Through 1957, adjusted for underregistration. [2] Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. [3] Includes estimates for some States through 1969 and also for 1976 and 1977 and marriage licenses for some States for all years except 1973 and 1975. Beginning 1978, includes nonlicensed marriages in California. [4] Includes reported annulments and some estimated State figures for all years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual, and unpublished data.

NO. 82. TOTAL FERTILITY RATE AND INTRINSIC RATE OF NATURAL INCREASE: 1940 TO 1982

[Excludes Alaska prior to 1959 and Hawaii prior to 1960. Prior to 1960, based on births adjusted for underregistration; thereafter, registered births only. Beginning 1970, excludes births to nonresidents of United States. The *total fertility rate* is the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year. A total fertility rate of 2,110 represents "replacement level" fertility for the total population under current mortality conditions (assuming no net immigration). The *intrinsic rate of natural increase* is the rate that would eventually prevail if a population were to experience, at each year of age, the birth rates and death rates occurring in the specified year and if those rates remained unchanged over a long period of time. Minus sign (–) indicates decrease. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series B 11]

ANNUAL AVERAGE AND YEAR	TOTAL FERTILITY RATE			INTRINSIC RATE OF NATURAL INCREASE			YEAR	TOTAL FERTILITY RATE			INTRINSIC RATE OF NATURAL INCREASE		
	Total	White	Black and other	Total	White	Black and other		Total	White	Black and other	Total	White	Black and other
1940–1944	2,523	2,460	3,010	4.6	3.9	9.8	1970	2,480	2,385	3,067	6.0	4.5	14.4
1945–1949	2,985	2,916	3,485	11.7	10.9	17.2	1971	2,267	2,161	2,920	2.6	.8	12.6
1950–1954	3,337	3,221	4,185	16.8	15.4	25.7	1972	2,010	1,907	2,628	–2.0	–3.9	8.6
1955–1959	3,690	3,549	4,716	21.1	19.5	30.7	1973	1,879	1,783	2,444	–4.5	–6.5	5.7
1960–1964	3,449	3,326	4,326	18.6	17.1	27.7	1974	1,835	1,749	2,339	–5.4	–7.2	4.0
1965–1969	2,622	2,512	3,362	8.2	6.4	18.6	1975	1,774	1,686	2,276	–6.7	–8.6	3.0
1970–1974	2,094	1,997	2,680	–.7	–2.5	9.1	1976	1,738	1,652	2,223	–7.4	–9.3	2.1
1975–1979	1,774	1,685	2,270	–6.6	–8.5	3.0	1977	1,790	1,703	2,278	–6.2	–8.1	3.2
1980–1982	1,828	1,739	2,287	–5.3	–7.1	3.4	1978	1,760	1,668	2,264	–6.8	–8.8	2.9
1965	2,913	2,783	3,808	12.1	10.3	23.1	1979	1,808	1,715	2,310	–5.7	–7.7	3.8
1966	2,721	2,603	3,532	9.7	7.9	20.4	1980	1,840	1,749	2,323	–5.1	–7.0	4.0
1967	2,558	2,447	3,299	7.4	5.6	18.2	1981	1,815	1,726	2,275	–5.5	–7.4	3.3
1968	2,464	2,366	3,108	5.9	4.2	16.0	1982	1,829	1,742	2,264	–5.2	–7.0	3.0
1969	2,456	2,360	3,061	5.7	4.1	15.4							

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 83. Births and Birth Rates: 1960 to 1983

[Births in thousands, except as indicated. Beginning 1970, excludes births to nonresidents of U.S. See Appendix III. Minus sign (–) indicates decrease. For population bases used to derive these data, see text, p. 54. See also *Historical Statistics, Colonial Times to 1970,* series B 1, B 5-10, and B 12-20]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Live births	**4,258**	**3,760**	**3,731**	**3,144**	**3,168**	**3,327**	**3,333**	**3,494**	**3,612**	**3,629**	**3,681**	**3,639**
Average annual percent change [1]	.8	−2.5	−.2	−3.4	.8	5.0	.2	4.8	3.4	.5	1.4	−1.1
White	3,601	3,124	3,091	2,552	2,568	2,691	2,681	2,808	2,899	2,909	2,942	2,904
Black and other	657	636	640	592	600	636	652	686	714	721	738	735
Black	602	581	572	512	514	544	552	578	590	588	593	586
Male	2,180	1,927	1,915	1,613	1,624	1,706	1,709	1,791	1,853	1,860	1,886	1,866
Female	2,078	1,833	1,816	1,531	1,543	1,621	1,624	1,703	1,760	1,769	1,795	1,773
Males per 100 females	104.9	105.1	105.5	105.4	105.3	105.3	105.3	105.2	105.3	105.2	105.1	105.2
Age of mother:												
Under 20 years	594	599	656	595	571	571	554	560	562	537	524	499
20–24 years	1,427	1,337	1,419	1,094	1,092	1,146	1,140	1,189	1,226	1,212	1,206	1,160
25–29 years	1,093	926	995	937	972	1,016	1,015	1,069	1,108	1,128	1,152	1,148
30–34 years	688	529	428	376	392	447	474	517	550	581	605	625
35–39 years	360	283	180	115	116	121	126	135	141	146	168	180
40 years or more	97	86	53	28	26	25	24	24	24	25	26	27
Birth rate per 1,000 population	**23.7**	**19.4**	**18.4**	**14.6**	**14.6**	**15.1**	**15.0**	**15.6**	**15.9**	**15.8**	**15.9**	**15.5**
White	22.7	18.3	17.4	13.6	13.6	14.1	14.0	14.5	14.9	14.8	14.9	14.6
Black and other	32.1	27.6	25.1	21.0	20.8	21.6	21.6	22.2	22.5	22.0	21.9	21.3
Black	31.9	27.7	25.3	20.7	20.5	21.4	21.3	22.0	22.1	21.6	21.4	20.9
Male	24.7	20.3	19.4	15.4	15.3	15.9	15.8	16.4	16.8	16.7	16.7	16.4
Female	22.8	18.6	17.4	13.8	13.8	14.4	14.2	14.8	15.1	15.0	15.1	14.7
Plural birth ratio [2]	20.4	20.1	[3] 18.1	19.2	19.5	19.2	19.6	19.5	19.3	19.7	19.9	20.3
White	19.3	19.0	[3] 17.3	18.5	18.8	18.5	18.8	18.6	18.5	18.8	19.2	19.6
Black and other	26.3	25.8	[3] 21.9	22.1	22.3	22.4	22.9	22.9	22.7	23.0	22.6	22.9
Black	(NA)	(NA)	[3] 22.8	23.1	23.3	23.3	24.2	24.2	24.1	24.7	24.1	24.5
Birth rate per 1,000 women [4]	**118.0**	**96.6**	**87.9**	**66.0**	**65.0**	**66.8**	**65.5**	**67.2**	**68.4**	**67.4**	**67.3**	**65.8**
White [4]	113.2	91.4	84.1	62.5	61.5	63.2	61.7	63.4	64.7	63.9	63.9	62.4
Black and other [4]	153.6	131.9	113.0	87.7	85.8	87.7	87.0	88.5	88.6	86.4	85.5	83.2
Black [4]	153.5	133.2	115.4	87.9	85.8	88.1	86.7	88.3	88.1	85.4	84.1	81.7
Age of mother:												
10–14 years	.8	.8	1.2	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
15–19 years	89.1	70.5	68.3	55.6	52.8	52.8	51.5	52.3	53.0	52.7	52.9	51.7
20–24 years	258.1	195.3	167.8	113.0	110.3	112.9	109.9	112.8	115.1	111.8	111.3	108.3
25–29 years	197.4	161.6	145.1	108.2	106.2	111.0	108.5	111.4	112.9	112.0	111.0	108.7
30–34 years	112.7	94.4	73.3	52.3	53.6	56.4	57.8	60.3	61.9	61.4	64.2	64.6
35–39 years	56.2	46.2	31.7	19.5	19.0	19.2	19.0	19.5	19.8	20.0	21.1	22.1
40–44 years	15.5	12.8	8.1	4.6	4.3	4.2	3.9	3.9	3.9	3.8	3.9	3.8
45–49 years	[5] .9	.8	.5	.3	.2	.2	.2	.2	.2	.2	.2	.2

NA Not available. [1] For explanation, see Guide to Tabular Presentation. For 1960, change from 1955. [2] Per 1,000 live births. [3] 1971. [4] Per 1,000 women, 15–44 years old in specified group. [5] Rate computed by relating births to mothers 45 years old and over to women 45 to 49 years old.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 84. Birth Rates, by Live-Birth Order and Race: 1960 to 1983

[Births per 1,000 women 15–44 years old in specified racial group. Live-birth order refers to number of children born alive. Figures for births of order not stated are distributed. See also headnote, table 83, and *Historical Statistics, Colonial Times to 1970,* series B 20-27]

LIVE-BIRTH ORDER	ALL RACES [1]					WHITE					BLACK				
	1960	1970	1980	1982	1983	1960	1970	1980	1982	1983	1960	1970	1980	1982	1983
Total	**118.0**	**87.9**	**68.4**	**67.3**	**65.8**	**113.2**	**84.1**	**64.7**	**63.9**	**62.4**	**153.5**	**115.4**	**88.1**	**84.1**	**81.7**
First birth	31.1	34.2	29.5	28.6	27.8	30.8	32.9	28.4	27.7	26.8	33.6	43.3	35.2	33.0	32.3
Second birth	29.2	24.2	21.8	22.0	21.5	29.2	23.7	21.0	21.3	20.9	29.3	27.1	25.7	24.9	24.1
Third birth	22.8	13.6	10.3	10.2	10.1	22.7	13.3	9.5	9.5	9.4	24.0	16.1	14.5	14.2	13.7
Fourth birth	14.6	7.2	3.9	3.8	3.7	14.1	6.8	3.4	3.3	3.3	18.6	10.0	6.7	6.5	6.3
Fifth birth	8.3	3.8	1.5	1.4	1.4	7.5	3.4	1.3	1.2	1.2	14.1	6.4	3.0	2.8	2.8
Sixth and seventh	7.6	3.2	1.0	.9	.9	6.1	2.7	.8	.7	.7	18.4	7.0	2.1	1.9	1.8
Eighth and over	4.3	1.8	.4	.3	.3	2.8	1.2	.3	.3	.2	15.6	5.6	.9	.7	.6

[1] Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 85. Live Births—Number and Rate, by State: 1960 to 1984

[Registered births. Beginning 1970, excludes births to nonresidents of the U.S. For composition of regions, see fig. I, inside front cover. See Appendix III]

Region, division, and state	Number (1,000)								Rate per 1,000 population[2]							
	By State of residence						By State of occurrence		By State of residence						By State of occurrence	
	1960	1970	1975	1980	1982	1983	1983[1]	1984[1]	1960	1970	1975	1980	1982	1983	1983[1]	1984[1]
U.S.	4,258	3,731	3,144	3,612	3,681	3,639	[3]3,614	[3]3,697	23.7	18.4	14.8	15.9	15.9	15.5	[3]15.5	[3]15.7
Region:																
Northeast	970	831	625	656	675	674	674	677	21.7	16.9	12.6	13.4	13.7	13.6	13.6	13.6
Midwest	1,246	1,038	855	956	928	900	900	900	24.1	18.4	14.8	16.2	15.8	15.3	15.3	15.2
South	1,354	1,208	1,062	1,232	1,270	1,258	1,243	1,274	24.6	19.2	15.3	16.4	16.2	15.8	15.6	15.8
West	688	654	602	768	807	809	784	830	24.5	18.8	15.6	17.8	17.9	17.6	17.1	17.7
N.E.	237	200	148	162	168	168	170	168	22.5	16.9	12.2	13.1	13.5	13.5	13.6	13.4
ME	23	18	15	16	17	17	16	17	24.0	17.9	14.2	14.6	14.7	14.6	14.2	14.3
NH	14	13	11	14	14	14	14	13	22.8	17.9	13.3	14.9	14.9	14.4	14.6	13.0
VT	9	8	7	8	8	8	8	7	24.1	18.8	14.1	15.4	15.4	15.2	14.6	14.0
MA	115	95	68	73	76	76	79	79	22.4	16.6	11.9	12.7	13.2	13.2	13.6	13.7
RI	18	16	11	12	13	13	13	13	21.4	16.5	11.3	12.9	13.1	13.2	13.7	13.7
CT	57	50	36	39	40	41	40	39	22.4	16.7	11.6	12.5	12.9	13.1	12.9	12.4
M.A.	733	630	477	495	508	506	504	508	21.5	16.9	12.8	13.4	13.8	13.7	13.6	13.7
NY	359	318	236	239	247	249	250	251	21.4	17.4	13.1	13.6	14.1	14.1	14.1	14.2
NJ	132	120	92	97	99	99	95	97	21.8	16.8	12.5	13.2	13.3	13.3	12.8	13.0
PA	241	193	149	159	162	158	159	160	21.3	16.3	12.5	13.4	13.6	13.3	13.4	13.4
E.N.C.	677	754	610	668	645	624	623	623	24.2	18.7	14.8	16.0	15.5	15.0	15.0	15.0
OH	231	200	159	169	165	159	160	160	23.8	18.7	14.7	15.7	15.3	14.8	14.9	14.9
IN	113	99	82	88	84	81	82	79	24.2	19.1	15.4	16.1	15.3	14.8	15.0	14.4
IL	239	205	169	190	184	179	176	176	23.7	18.5	15.0	16.6	16.0	15.6	15.3	15.3
MI	195	172	134	146	136	133	132	135	25.0	19.4	14.7	15.7	15.2	14.7	14.5	14.8
WI	100	78	65	75	74	73	73	73	25.2	17.6	14.3	15.9	15.7	15.3	15.3	15.3
W.N.C.	369	284	246	288	283	278	277	277	24.0	17.4	14.7	16.8	16.3	15.8	15.9	15.8
MN	88	68	56	68	68	66	65	66	25.7	18.0	14.4	16.6	16.6	15.8	15.6	15.8
IA	64	48	41	48	45	43	44	43	23.3	17.1	14.4	16.4	15.4	14.9	15.1	14.6
MO	98	81	69	79	77	76	77	79	22.7	17.3	14.3	16.1	15.5	15.2	15.4	15.7
ND	17	11	11	12	13	12	13	13	26.3	17.6	16.6	18.4	18.8	18.2	19.4	18.6
SD	18	12	11	13	13	13	12	12	25.9	17.0	16.5	19.2	18.5	17.9	17.7	17.5
NE	34	26	24	27	27	26	27	26	24.3	17.3	15.4	17.4	17.0	16.4	16.8	16.5
KS	51	38	34	41	41	40	39	39	23.3	17.0	14.9	17.2	17.0	16.7	16.3	15.8
S.A.	629	574	482	547	563	563	563	574	24.2	18.7	14.0	14.8	14.7	14.5	14.5	14.5
DE	12	11	8	9	9	9	10	9	25.9	19.2	14.0	15.8	15.3	15.2	15.7	15.5
MD	77	69	53	60	64	64	58	59	24.9	17.6	12.7	14.2	14.9	14.9	13.4	13.5
DC	20	15	10	9	9	9	19	19	26.0	20.1	13.7	14.7	14.9	15.0	29.8	30.7
VA	96	86	70	78	81	81	77	79	24.1	18.6	13.9	14.7	14.8	14.5	14.0	14.1
WV	39	31	28	29	27	26	27	25	21.2	17.8	15.3	15.1	13.9	13.2	13.7	12.8
NC	110	98	81	84	86	84	85	87	24.1	19.3	14.6	14.4	14.3	13.8	13.9	14.1
SC	60	52	47	52	52	51	49	48	25.1	20.1	16.1	16.6	16.0	15.6	14.9	14.6
GA	100	97	80	92	90	90	91	92	25.3	21.1	15.8	16.9	16.0	15.7	15.9	15.7
FL	116	115	106	132	145	149	149	155	23.3	16.9	12.4	13.5	13.8	13.9	13.9	14.1
E.S.C.	294	248	219	240	230	223	225	224	24.4	19.4	15.9	16.4	15.5	15.0	15.0	14.9
KY	72	60	55	60	57	55	55	52	23.8	18.7	15.8	16.3	15.4	14.7	14.9	14.0
TN	82	72	62	69	67	65	68	70	23.0	18.4	14.6	15.1	14.4	14.0	14.5	14.9
AL	81	67	58	64	60	59	58	59	24.7	19.4	15.8	16.3	15.3	14.9	14.6	14.7
MS	59	49	44	48	46	44	44	43	27.2	22.1	18.3	19.0	17.9	17.0	17.0	16.4
W.S.C.	431	386	361	445	477	470	455	476	25.4	20.0	16.9	18.7	18.9	18.2	17.7	18.2
AR	41	35	34	37	35	35	34	33	22.7	18.5	16.0	16.3	15.3	15.1	14.4	14.2
LA	90	74	68	82	85	83	81	83	27.7	20.4	17.5	19.5	19.3	18.6	18.2	18.6
OK	51	45	43	52	59	57	55	53	21.9	17.5	15.4	17.2	18.2	17.2	16.4	16.2
TX[4]	249	231	216	274	298	295	287	306	26.0	20.6	17.2	19.2	19.4	18.7	18.3	19.2
Mt.	187	172	177	228	237	233	235	230	27.3	20.7	17.9	19.9	19.6	18.9	19.0	18.4
MT	17	13	12	14	15	14	14	14	25.9	18.2	16.1	18.1	18.1	17.3	16.9	16.8
ID	17	14	16	20	20	19	19	17	25.7	20.3	19.5	21.4	20.1	19.0	18.7	17.1
WY	9	7	7	11	11	10	10	9	25.8	19.6	18.3	22.5	21.7	19.9	18.5	17.7
CO	43	42	40	50	55	55	55	54	24.5	18.8	15.5	17.2	17.8	17.4	17.6	17.1
NM	31	22	21	26	28	28	30	26	32.3	21.8	18.1	20.0	20.3	19.7	21.6	18.5
AZ	37	38	40	50	53	54	53	55	28.2	21.3	17.3	18.4	18.2	18.1	17.8	18.0
UT	28	27	32	42	42	39	41	40	29.5	25.5	25.7	28.6	26.4	24.4	25.2	24.0
NV	7	10	9	13	15	14	14	15	25.5	19.6	14.6	16.6	16.6	16.0	16.0	16.8
Pac.	501	483	425	542	570	576	549	599	23.6	18.2	14.8	17.0	17.2	17.1	16.3	17.5
WA	65	61	51	68	69	69	64	74	22.9	17.8	14.0	16.4	16.3	16.0	14.8	16.9
OR	38	35	33	43	41	40	41	40	21.7	16.8	14.4	16.4	15.4	15.0	15.4	14.8
CA	372	363	317	403	430	436	414	455	23.7	18.2	14.7	17.0	17.4	17.3	16.4	17.8
AK	8	8	7	10	11	12	12	12	33.4	25.1	20.7	23.7	25.4	24.9	24.0	24.5
HI	17	16	16	18	19	19	19	19	27.2	21.4	17.8	18.8	18.8	18.8	18.6	18.0

[1] Provisional. [2] Based on population (excluding Armed Forces abroad) enumerated as of Apr. 1 for 1960, 1970, and 1980, and estimated as of July 1 for other years. [3] U.S. totals are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner. [4] Exclusion of births to nonresidents beginning 1970 affects comparability with data for earlier years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

NO. 86. LIVE BIRTHS, BY RACE—STATES: 1970 TO 1982

[In thousands. Registered births by place of residence. Excludes births to nonresidents of the U.S. See Appendix III]

REGION, DIVISION, AND STATE	WHITE			BLACK		
	1970	1980	1982	1970	1980	1982
U.S	3,091	2,899	2,942	572	590	593
Region:						
Northeast	711	540	554	112	100	106
Midwest	907	815	791	122	123	117
South	904	898	932	294	313	312
West	570	646	665	43	54	58
N.E	**188**	**148**	**153**	**10**	**11**	**12**
ME	18	16	16	(z)	(z)	(z)
NH	13	14	14	(z)	(z)	(z)
VT	8	8	8	(z)	(z)	(z)
MA	90	66	69	4	5	5
RI	15	11	11	1	1	1
CT	45	34	35	5	5	5
M.A	**523**	**392**	**402**	**102**	**89**	**94**
NY	257	180	186	57	49	54
NJ	98	75	76	21	20	20
PA	168	137	139	24	20	21
E.N.C	**645**	**554**	**536**	**104**	**103**	**98**
OH	175	144	140	24	23	23
IN	90	78	74	9	10	9
IL	163	145	140	40	41	39
MI	144	119	114	27	24	22
WI	73	69	68	4	5	5
W.N.C	**262**	**260**	**255**	**18**	**19**	**19**
MN	67	64	64	1	2	2
IA	47	45	43	1	1	1
MO	68	66	64	12	12	12
ND	10	11	11	(z)	(z)	(z)
SD	10	11	11	(z)	(z)	(z)
NE	24	25	25	1	1	1
KS	35	36	36	3	3	3
S.A	**416**	**377**	**390**	**154**	**162**	**164**
DE	8	7	7	2	2	2

DIVISION, AND STATE	WHITE			BLACK		
	1970	1980	1982	1970	1980	1982
S.A—Con						
MD	52	40	43	16	18	19
DC	2	1	2	13	8	7
VA	67	57	60	18	19	19
WV	30	28	26	1	1	1
NC	70	57	58	27	25	25
SC	33	31	31	19	21	20
GA	66	58	57	30	34	32
FL	87	96	106	27	34	37
E.S.C	**182**	**172**	**166**	**65**	**66**	**62**
KY	55	54	51	5	6	5
TN	57	53	52	15	16	15
AL	45	41	39	22	22	21
MS	26	25	24	23	23	22
W.S.C	**306**	**350**	**377**	**75**	**85**	**86**
AR	26	28	26	9	9	9
LA	46	50	52	28	31	31
OK	38	41	47	4	5	5
TX	195	230	251	34	39	40
Mt	**157**	**203**	**212**	**5**	**7**	**8**
MT	11	13	13	(z)	(z)	(z)
ID	14	20	19	(z)	(z)	(z)
WY	6	10	11	(z)	(z)	(z)
CO	39	46	50	2	2	3
NM	19	22	23	1	1	1
AZ	32	42	44	1	2	2
UT	26	40	40	(z)	(z)	(z)
NV	8	11	12	1	1	1
Pac	**413**	**442**	**453**	**38**	**47**	**50**
WA	56	61	61	2	3	3
OR	33	40	38	1	1	1
CA	313	331	342	35	42	45
AK	6	7	8	(z)	(z)	1
HI	5	4	4	(z)	1	1

Z Fewer than 500.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and *Monthly Vital Statistics Report.*

NO. 87. LIVE BIRTHS, BY ATTENDANT AND PLACE OF DELIVERY, AND MEDIAN AND LOW-BIRTH WEIGHT, BY RACE: 1950 TO 1982

[Represents registered births. Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to nonresidents of the U.S. For total number of births, see table 83. See Appendix III]

YEAR	BIRTHS ATTENDED (1,000)			MEDIAN BIRTH WEIGHT			PERCENT OF BIRTHS WITH LOW BIRTH WEIGHT [4]		
	Physician in hospital [1]	Not in hospital		Total [3]	White	Black	Total [3]	White	Black
		Physician	Midwife and other [2]						
1950	3,126	252	177	7 lb.-5 oz.	7 lb.-5 oz.	7 lb.-3 oz. [5]	7.6	7.2	[5] 10.4
1960	4,114	49	94	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-15 oz. [5]	7.7	6.8	[5] 12.8
1965	3,661	33	66	7 lb.-4 oz.	7 lb.-5 oz.	6 lb.-14 oz. [5]	8.3	7.2	[5] 13.8
1970	3,708	5	18	7 lb.-4 oz.	7 lb.-5 oz.	6 lb.-14 oz.	7.9	6.8	13.9
1972	3,234	7	18	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-14 oz.	7.7	6.5	13.6
1973	3,115	7	16	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-15 oz.	7.6	6.4	13.3
1974	3,134	11	16	7 lb.-5 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.4	6.3	13.1
1975	3,105	11	28	7 lb.-5 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.4	6.3	13.1
1976	3,124	12	32	7 lb.-6 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.3	6.1	13.0
1977	3,278	13	36	7 lb.-6 oz.	7 lb.-8 oz.	6 lb.-15 oz.	7.1	5.9	12.8
1978	3,301	12	21	7 lb.-6 oz.	7 lb.-8 oz.	6 lb.-15 oz.	7.1	5.9	12.9
1979	3,460	12	22	7 lb.-7 oz.	7 lb.-8 oz.	6 lb.-15 oz.	6.9	5.8	12.6
1980	3,576	12	24	7 lb.-7 oz.	7 lb.-8 oz.	7 lb.-0 oz.	6.8	5.7	12.5
1981	3,592	11	27	7 lb.-7 oz.	7 lb.-8 oz.	7 lb.-0 oz.	6.8	5.7	12.5
1982	3,642	10	28	7 lb.-7 oz.	7 lb.-8 oz.	7 lb.-0 oz.	6.8	5.6	12.4

[1] Includes all births in hospitals or institutions and in clinics. [2] Includes births with attendant not specified. [3] Includes other races not shown separately. [4] Through 1978, births of 2,500 grams (5 lb.-8 oz.) or less at birth; thereafter, less than 2,500 grams. [5] Black and other races.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 88. Cesarean Section Deliveries, by Age of Mother: 1970 to 1983

[**Rates are number of cesareans per 100 deliveries.** Based on sample data collected from the National Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability]

AGE OF MOTHER	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Number of cesarean deliveries (1,000)	195	323	378	455	510	599	619	701	730	808
Rate: **Mothers, all ages**	5.5	10.4	12.1	13.7	15.2	16.4	16.5	17.9	18.5	20.3
Under 20 years	3.9	8.4	10.1	11.2	11.8	13.7	14.5	13.2	13.4	15.0
20–24 years	4.9	9.0	11.7	12.5	13.1	15.6	15.8	16.0	17.6	19.0
25–29 years	5.9	11.1	12.3	14.8	16.4	16.4	16.7	19.4	19.9	20.5
30–34 years	7.5	13.6	13.6	15.3	19.3	19.5	18.0	21.3	20.4	24.6
35 years and over	8.3	15.0	16.9	17.9	21.3	21.1	20.6	24.4	23.6	25.4

Source: U.S. National Center for Health Statistics, unpublished data.

No. 89. Breast-Feeding by Characteristic of Mother and Birth Year of Baby: 1970 to 1981

[Data for 1970–1975 based on 1976 National Survey of Family Growth (NSFG) and for 1976–1981 on 1982 NSFG. Based on a sample and subject to sampling variability; see headnote, table 102 and Appendix III. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC OF MOTHER	PERCENT BREAST-FED AT ALL						PERCENT BREAST-FED 3 MONTHS OR MORE					
	1970–1971	1972–1973	1974–1975	1976–1977	1978–1979	1980–1981	1970–1971	1972–1973	1974–1975	1976–1977	1978–1979	1980–1981
Total babies	24.3	23.6	32.4	42.2	44.3	52.5	10.6	10.8	15.0	25.7	28.5	32.6
White	25.8	25.6	35.5	46.2	48.1	57.2	11.2	11.4	16.6	29.0	31.2	35.8
Black	12.8	12.9	16.4	19.5	24.4	24.5	6.2	6.9	6.4	11.5	14.2	12.1
Years of school completed:												
Less than 12 years	17.9	15.5	18.1	25.6	25.3	32.1	6.0	6.8	5.6	9.6	15.5	16.4
12 years	18.5	20.4	31.0	35.3	41.4	44.9	7.3	7.2	12.0	20.1	23.1	25.8
13 years or more	39.9	39.1	50.7	62.3	55.0	73.4	20.4	22.1	31.6	43.7	42.5	50.8
Region:												
Northeast	22.5	18.6	30.1	38.5	37.6	46.6	11.3	10.3	12.7	23.0	24.6	26.3
Midwest	26.4	25.2	30.3	43.6	48.1	54.6	12.1	10.1	13.3	24.1	29.4	33.5
South	17.6	16.2	25.2	32.1	31.8	41.8	7.2	7.4	10.0	19.0	19.1	26.2
West	35.3	43.3	50.5	62.0	66.5	70.1	13.6	20.0	29.4	42.3	47.1	46.8

Source: Pratt, William F, et al., "Understanding U.S. Fertility: Findings from the National Survey of Family Growth, Cycle III," *Population Bulletin*, vol. 39, No. 5 (Population Reference Bureau, Inc., Washington, DC, 1984).

No. 90. Women Who Have Had a Child in the Last Year, by Age: 1980 to 1984

[See headnote, table 91. NA not available]

AGE OF MOTHER	WOMEN WHO HAD A CHILD IN LAST YEAR (1,000)				TOTAL BIRTHS PER 1,000 WOMEN				FIRST BIRTHS PER 1,000 WOMEN				FIRST BIRTHS AS PERCENT OF TOTAL	
	1980	1982	1983	1984	1980	1982	1983	1984	1980	1982	1983	1984	1980	1984
Total	3,247	3,433	3,625	3,311	71.1	70.5	73.2	65.8	28.5	25.9	27.6	27.7	40.1	42.1
18–29 years old	2,477	2,445	2,682	2,375	103.7	97.5	106.8	94.8	48.6	44.3	47.4	45.2	46.9	47.7
18–24 years old	1,396	1,306	1,417	1,252	96.6	88.3	96.6	86.9	(NA)	51.3	52.6	48.2	(NA)	55.5
25–29 years old	1,081	1,139	1,265	1,123	114.8	110.7	121.0	105.5	(NA)	34.3	40.1	41.2	(NA)	39.1
30–44 years old	770	988	942	936	35.4	41.9	38.7	37.1	6.3	6.4	7.2	10.2	17.8	27.5
30–34 years old	519	691	658	703	60.0	73.5	69.1	72.2	(NA)	14.1	13.8	20.9	(NA)	28.9
35–39 years old	192	230	225	195	26.9	29.4	27.5	22.7	(NA)	1.7	5.2	5.4	(NA)	23.8
40–44 years old	59	67	59	38	9.9	10.5	8.9	5.5	(NA)	.7	.3	1.1	(NA)	20.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 401 and earlier reports.

No. 91. Social and Economic Characteristics of Women, 18–44 Years Old, Who Have Had a Child in the Last Year: 1984

[Covers civilian noninstitutional population. Based on results of June Current Population Survey (CPS); see text, pp. 1 and 2 and Appendix III. Since the number of women who had a birth during the 12-month period was tabulated and not the actual numbers of births, some small underestimation of fertility for this period may exist due to the omission of: (1) Multiple births, (2) Two or more live births spaced within the 12-month period (the woman is counted only once), (3) Women who had births in the period and who did not survive to the survey date, (4) Women who were in institutions and therefore not in the survey universe. These losses may be somewhat offset by the inclusion in the CPS of births to immigrants who did not have their children born in the United States and births to nonresident women. These births would not have been recorded in the vital registration system]

Characteristic	Total, 18 to 44 years old			18 to 29 years old			30 to 44 years old		
	Number of women (1,000)	Women who have had a child in the last year		Number of women (1,000)	Women who have had a child in the last year		Number of women (1,000)	Women who have had a child in the last year	
		Total births per 1,000 women	First births per 1,000 women		Total births per 1,000 women	First births per 1,000 women		Total births per 1,000 women	First births per 1,000 women
Total[1]	**50,304**	**65.8**	**27.7**	**25,052**	**94.8**	**45.2**	**25,252**	**37.1**	**10.2**
White	42,230	64.6	28.6	20,857	94.0	46.8	21,373	35.9	10.7
Black	6,442	72.2	22.2	3,468	100.1	37.7	2,974	39.8	4.1
Spanish origin[2]	3,327	86.1	29.2	1,708	114.5	49.5	1,620	56.1	7.8
Married, spouse present	28,894	91.7	37.6	10,842	168.9	77.9	18,052	45.4	13.5
Married, spouse absent[3]	2,174	46.8	15.2	908	79.2	33.3	1,266	23.6	2.2
Widowed or divorced	4,944	20.6	5.1	1,260	51.2	17.4	3,685	10.2	.9
Single	14,291	32.0	17.2	12,042	33.8	19.7	2,249	22.2	3.6
Labor force status: In labor force	35,314	43.8	22.1	17,905	59.1	33.9	17,409	28.1	10.0
Employed	32,365	42.6	22.0	15,954	58.0	34.3	16,411	27.6	10.0
Unemployed	2,948	57.2	23.5	1,951	68.3	30.9	998	35.6	9.2
Not in labor force	14,990	117.6	40.7	7,147	184.2	73.6	7,844	57.0	10.7
Family income: Under $10,000	9,210	88.5	33.8	5,488	124.2	52.8	3,722	35.9	5.8
$10,000–$14,999	6,408	70.8	27.3	3,604	95.9	44.5	2,804	38.4	5.2
$15,000–$19,999	6,097	69.7	31.6	3,266	106.7	53.8	2,831	26.9	6.0
$20,000–$24,999	5,314	67.6	27.3	2,597	105.8	45.9	2,717	31.1	9.6
$25,000–$29,999	4,806	58.8	24.2	2,227	85.3	41.4	2,579	35.9	9.4
$30,000–$34,999	4,392	64.8	24.8	1,949	91.0	44.7	2,443	43.9	9.0
$35,000 and over	12,043	48.0	22.7	5,019	54.1	31.7	7,024	40.1	16.3
Years of school completed:									
Not a high school graduate	8,093	81.9	24.9	4,060	133.6	46.6	4,033	29.8	3.1
High school, 4 years	21,934	65.2	27.3	11,062	102.2	48.1	10,872	27.5	6.2
College, 1–3 years	11,428	54.8	26.7	6,415	66.4	39.2	5,013	40.1	10.7
College, 4 years	5,923	72.2	34.8	2,713	85.5	47.1	3,210	61.0	24.1
College, 5 or more years	*2,926*	*55.9*	*27.4*	*802*	*54.3*	*41.0*	*2,124*	*56.5*	*22.3*

[1] Includes women of other races and women with family income not reported, not shown separately. [2] Persons of Spanish origin may be of any race. [3] Includes separated women.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 401.

No. 92. Childless Women and Children Ever Born, by Age of Woman: 1960 to 1984

[1960 and 1970 based on sample of decennial census, see source; all other years based on Current Population Survey, see text, pp. 1 and 2 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 49-66]

Age	1960 (April)	1965 (June)	1970 (April)	1975 (June)	1980 (June)	1981 (June)	1982 (June)	1983 (June)	1984 (June)			
									Total[1]	White	Black	Spanish origin[2]
	PERCENT CHILDLESS AMONG WOMEN EVER MARRIED											
15–44 years	**15.0**	**14.2**	**16.4**	**18.0**	**18.8**	**18.7**	**20.4**	**19.1**	[3]**19.1**	[3]**20.0**	[3]**12.1**	[3]**12.6**
15–19 years	43.6	48.0	50.9	50.6	46.6	52.8	57.4	45.9	[4]39.3	[4]38.4	[4]49.7	[4]41.0
20–24 years	24.2	28.0	35.7	42.3	40.4	40.6	42.9	39.7	40.7	42.0	27.8	25.8
25–29 years	12.6	11.7	15.8	21.1	25.3	25.0	27.5	26.8	26.6	28.1	13.6	16.1
30–34 years	10.4	7.2	8.3	8.8	13.7	13.9	15.4	15.9	15.8	16.6	9.6	7.2
35–39 years	11.1	8.7	7.3	5.3	8.0	7.9	10.2	9.9	10.8	11.3	6.4	5.2
40–44 years	14.1	11.0	8.6	7.0	6.6	5.9	7.6	6.6	7.9	7.6	10.1	8.1
45–49 years	18.1	13.9	10.6	7.3	7.7	6.5	7.6	7.3	(NA)	(NA)	(NA)	(NA)
50–59 years	20.7	19.3	15.6	11.5	9.3	9.2	9.7	8.8	(NA)	(NA)	(NA)	(NA)
	CHILDREN EVER BORN PER 1,000 WOMEN EVER MARRIED											
15–44 years	**2,314**	**2,477**	**2,360**	**2,140**	**1,965**	**1,920**	**1,863**	**1,865**	[3]**1,834**	[3]**1,778**	[3]**2,298**	[3]**2,304**
15–19 years	792	685	636	601	628	590	495	670	[4]713	[4]717	[4]723	[4]666
20–24 years	1,441	1,328	1,071	886	930	925	869	930	913	878	1,253	1,251
25–29 years	2,241	2,360	1,984	1,580	1,397	1,440	1,394	1,389	1,387	1,328	1,885	1,626
30–34 years	2,627	2,950	2,806	2,387	1,970	1,946	1,886	1,863	1,828	1,783	2,181	2,577
35–39 years	2,686	3,016	3,170	2,994	2,572	2,452	2,313	2,270	2,208	2,154	2,668	2,832
40–44 years	2,564	2,856	3,097	3,282	3,105	2,970	2,885	2,794	2,652	2,599	3,156	3,196
45–49 years	2,402	2,603	2,854	3,152	3,185	3,232	3,116	3,096	(NA)	(NA)	(NA)	(NA)
50–59 years	2,420	2,350	2,520	2,759	3,005	3,013	3,015	3,132	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Women, 18–44 years old. [4] Women, 18 and 19 years old.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960* and *1970, Vol. 1, Characteristics of the Population*, Part 1, *U.S. Summary*; and *Current Population Reports*, series P-20, No. 401, and earlier reports.

No. 93. Children Ever Born to Single Women, by Age and Race of Woman: 1970 to 1984

[Refers to women never-married at time of survey. **1970** as of **April**, based on the enumerated resident population, **1980** and **1984** as of **June**, based on the civilian noninstitutional population from Current Population Survey. See text, pp. 1 and 2 and Appendix III]

Item	All single women [1]			White single women			Black single women		
	Total, 18–49 years	18–29 years	30–49 years	Total, 18–49 years	18–29 years	30–49 years	Total, 18–49 years	18–29 years	30–49 years
1970									
Single women (1,000)	8,107	6,664	1,443	6,788	5,615	1,173	1,177	933	244
Percent by number of children born:									
None	90.0	91.1	82.6	94.7	95.7	90.6	60.2	64.1	45.6
One			6.6	3.1	3.0	4.5	19.5	20.3	15.8
Two or more	10.0	8.9	10.8	2.2	1.2	4.9	20.2	15.5	38.6
Children ever born (1,000)	1,755	1,024	731	693	407	286	1,021	592	429
Rate per 1,000 women	216	154	506	102	72	244	867	635	1,758
1980									
Single women (1,000)	12,500	10,693	1,807	9,862	8,557	1,305	2,327	1,888	439
Percent by number of children born:									
None	85.7	87.3	76.4	93.5	93.9	90.5	52.2	56.7	32.6
One	8.6	8.5	9.0	4.9	4.7	5.9	24.5	26.0	18.5
Two or more	5.7	4.2	14.6	1.6	1.3	3.6	23.3	17.3	49.0
Children ever born (1,000)	3,142	2,022	1,120	898	666	232	2,199	1,325	874
Rate per 1,000 women	251	189	620	91	78	178	945	702	1,991
1984									
Single women (1,000)	[2] 14,292	12,043	[3] 2,249	[2] 10,983	9,376	[3] 1,607	[2] 2,857	2,284	[3] 573
Percent by number of children born:									
None	84.1	86.1	73.6	92.1	92.7	88.7	52.5	58.0	30.4
One	9.3	9.1	10.3	5.7	5.5	6.7	23.6	24.2	20.9
Two or more	6.6	4.9	16.1	2.2	1.8	4.7	23.9	17.7	48.5
Children ever born (1,000)	3,936	2,525	1,411	1,266	921	345	2,599	1,562	1,037
Rate per 1,000 women	275	210	627	115	98	215	910	684	1,810

[1] Includes races not shown separately. [2] Covers single women, 18–44 years old. [3] Covers single women, 30–44 years old.

Source: U.S. Bureau of the Census, *Census of Population: 1970, Women by Number of Children Ever Born*, PC(2)-3A; and *Current Population Reports*, series P-20, No. 375; and unpublished data.

No. 94. Births to Unmarried Women, by Race and Age of Mother: 1960 to 1982

[Beginning 1970, excludes births to nonresidents of U.S. Data for 1960–79 include estimates for States in which marital status data were not reported. Beginning in 1980, marital status is inferred from a comparison of the child's and parents' surnames on the birth certificate for those States that do not report on marital status. No estimates included for misstatements on birth records or failures to register births. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 28–35]

Race and age of mother	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
NUMBER (1,000)											
Total live births	**224.3**	**291.2**	**398.7**	**447.9**	**468.1**	**515.7**	**543.9**	**597.8**	**665.7**	**686.6**	**715.2**
White	82.5	123.7	175.1	186.4	197.1	220.1	233.6	263.0	320.1	337.1	355.2
Black and other	141.8	167.5	223.6	261.6	271.0	295.5	310.2	334.8	345.7	349.6	360.0
Black	(NA)	(NA)	215.1	249.6	258.8	281.6	293.4	315.8	325.7	328.9	335.9
Under 15 years	4.6	6.1	9.5	11.0	10.3	10.1	9.4	9.5	9.0	8.6	8.7
15–19 years	67.1	123.1	190.4	222.5	225.0	239.7	239.7	253.2	262.8	259.2	260.6
20–24 years	68.0	90.7	126.7	134.0	145.4	168.6	186.5	210.1	237.3	246.9	257.5
25–29 years	32.1	36.8	40.6	50.2	55.4	62.4	70.0	80.6	99.6	109.2	119.0
30–34 years	18.9	19.6	19.1	19.8	21.0	23.7	26.5	31.3	41.0	45.3	49.6
35 years and over	13.6	15.1	12.4	10.4	10.9	11.1	11.7	13.1	16.1	17.4	19.9
PERCENT DISTRIBUTION											
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	36.8	42.5	43.9	41.6	42.1	42.7	42.9	44.0	48.1	49.1	49.7
Black and other	63.2	57.5	56.1	58.4	57.9	57.3	57.0	56.0	51.9	50.9	50.3
Under 15 years	2.1	2.1	2.4	2.5	2.2	2.0	1.7	1.6	1.4	1.3	1.2
15–19 years	38.8	42.3	47.8	49.7	48.1	46.5	44.1	42.4	39.5	37.8	36.4
20–24 years	30.3	31.1	31.8	29.9	31.1	32.7	34.3	35.1	35.6	36.0	36.0
25–29 years	14.3	12.6	10.2	11.2	11.8	12.1	12.9	13.5	15.0	15.9	16.6
30–34 years	8.4	6.7	4.8	4.4	4.5	4.6	4.9	5.2	6.2	6.6	6.9
35 years and over	6.1	5.2	3.1	2.3	2.3	2.2	2.2	2.2	2.4	2.5	2.8
BIRTHS TO UNMARRIED WOMEN AS PERCENT OF ALL BIRTHS IN RACIAL GROUPS											
Total	**5.3**	**7.7**	**10.7**	**14.2**	**14.8**	**15.5**	**16.3**	**17.1**	**18.4**	**18.9**	**19.4**
White	2.3	4.0	5.7	7.3	7.7	8.2	8.7	9.4	11.0	11.6	12.1
Black and other	21.6	26.3	34.9	44.2	45.2	46.5	47.6	48.8	48.4	48.5	48.8
Black	(NA)	(NA)	37.6	48.8	50.3	51.7	53.2	54.7	55.2	56.0	56.7
BIRTH RATE [1]											
Total [2]	**21.6**	**23.5**	**26.4**	**24.5**	**24.3**	**25.6**	**25.7**	**27.2**	**29.4**	**29.6**	**30.0**
White [2]	9.2	11.6	13.8	12.4	12.6	13.5	13.7	14.9	17.6	18.2	18.8
Black and other [2]	98.3	97.6	89.9	79.0	76.4	77.4	76.5	78.2	77.2	75.4	73.9
Black [2]	(NA)	(NA)	95.5	84.2	81.6	82.6	81.1	83.0	81.4	81.4	79.6
15–19 years	15.3	16.7	22.4	23.9	23.7	25.1	24.9	26.4	27.6	28.2	28.9
20–24 years	39.7	39.9	38.4	31.2	31.7	34.0	35.3	37.7	40.9	40.9	41.4
25–29 years	45.1	49.3	37.0	27.5	26.8	27.7	28.5	29.9	34.0	34.7	35.1
30–34 years	27.8	37.5	27.1	17.9	17.5	16.9	16.9	17.7	21.1	20.8	21.9

NA Not available. [1] Rate per 1,000 unmarried women (never-married, widowed, and divorced) estimated as of July 1. [2] Covers women aged 15–44 years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 95. Marital Status of Women at the Time of Their First Birth, by Period of Their First Birth: 1982

[Covers civilian noninstitutional population. A premarital first birth is defined as a first birth occurring before a woman's first marriage (for all ever-married women) or a first birth occurring to a never-married woman. Prematurally and postmaritally conceived first births are those births occurring 0 to 7 months and 8 or more months respectively, after an ever-married woman's first marriage. Based on **June 1982** Current Population Survey, see text, pp. 1 and 2 and Appendix III]

AGE AT FIRST BIRTH AND STATUS OF BIRTH	PERIOD OF FIRST BIRTH[1]						
	1947–1952	1952–1957	1957–1962	1962–1967	1967–1972	1972–1977	1977–1982
15–17 yr. old: First births (1,000)	449	548	675	735	904	934	[2]630
Percent—Premarital births	22.4	25.6	30.9	33.7	45.7	52.8	57.4
Premaritally conceived	19.8	25.0	23.7	28.2	31.9	27.3	24.2
Postmaritally conceived	57.8	49.4	45.4	38.1	22.4	20.0	18.4
18–19 yr. old: First births (1,000)	945	954	1,231	1,317	1,418	1,287	1,181
Percent—Premarital births	14.1	11.8	14.3	16.3	20.5	32.2	39.6
Premaritally conceived	11.8	14.5	21.1	26.6	29.8	27.3	24.1
Postmaritally conceived	74.1	73.8	64.6	57.1	49.7	40.6	36.3
20–24 yr. old: *First births (1,000)*	2,502	2,445	2,642	2,683	3,163	2,859	2,755
Percent—Premarital births	4.7	5.4	5.8	7.7	9.5	13.2	15.5
Premaritally conceived	6.0	7.4	7.9	10.3	12.4	9.9	10.4
Postmaritally conceived	89.3	87.1	86.3	82.1	78.1	76.9	74.1
25–29 yr. old: First births (1,000)	711	1,087	937	877	1,112	1,425	1,730
Percent—Premarital births	3.2	2.8	4.4	6.2	4.1	4.3	4.2
Premaritally conceived	3.6	1.9	3.7	3.7	4.4	2.6	4.9
Postmaritally conceived	93.1	95.3	91.9	90.0	91.5	93.1	90.9

[1] Periods are from July of the beginning of the period to June of the end of the period. [2] Excludes births to women who were never married and were 15–17 years old in June 1982.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 387; and unpublished data.

No. 96. Ability to Bear Children of Currently Married Couples, by Age, Parity, and Race: 1982

[See headnote, table 102]

RACE AND FERTILITY STATUS	All women, 15–44 years	AGE OF WIFE			NUMBER OF PRIOR BIRTHS			
		15–24 years	25–34 years	35–44 years	0	1	2	3 or more
All races [1] **(1,000)**	**28,231**	**4,741**	**12,924**	**10,566**	**5,098**	**5,891**	**9,042**	**8,201**
Percent distribution:								
Surgically sterile [2]	38.9	7.2	31.6	62.0	9.9	17.7	46.9	63.3
Infertile [3]	8.5	8.7	7.3	9.7	19.6	10.8	5.0	3.8
Fecund [4]	52.6	84.1	61.0	28.3	70.5	71.5	48.1	32.9
White (1,000)	**25,195**	**4,323**	**11,457**	**9,414**	**4,678**	**5,254**	**8,107**	**7,156**
Percent distribution:								
Surgically sterile [2]	38.9	7.3	31.5	62.3	9.8	18.5	47.2	63.4
Infertile [3]	8.1	8.0	7.0	9.6	19.1	10.1	4.7	3.4
Fecund [4]	53.0	84.7	61.4	28.1	71.1	71.4	48.0	33.2
Black (1,000)	**2,130**	**328**	**1,025**	**778**	**252**	**410**	**678**	**790**
Percent distribution:								
Surgically sterile [2]	36.2	7.4	31.8	54.1	10.1	8.5	34.9	60.0
Infertile [3]	13.1	11.9	11.5	15.7	30.6	18.5	8.9	8.3
Fecund [4]	50.7	80.7	56.7	30.2	59.4	73.0	56.2	31.8

[1] Includes other races not shown separately. [2] Includes sterilization of the husband or the wife. [3] Continuously married, had not used contraception, and had not become pregnant for at least 12 months before the date of interview. [4] Neither surgically sterile nor infertile.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 104; and unpublished data.

No. 97. Lifetime Births Expected Per 1,000 Wives: 1967 to 1983

[Refers to currently married women in the civilian noninstitutional population. See headnote, table 98]

Year and month	Lifetime births to all wives [1] aged—				Lifetime births to white wives aged—				Lifetime births to black wives aged—			
	18–24	25–29	30–34	35–39	18–24	25–29	30–34	35–39	18–24	25–29	30–34	35–39
1967 (Feb.–Mar.)	2,852	3,037	3,288	3,300	2,859	3,001	3,200	3,215	2,762	3,407	4,257	4,226
1971 (June)	2,375	2,619	2,989	3,257	2,353	2,577	2,936	3,189	2,623	3,112	3,714	4,223
1975 (June)	2,173	2,260	2,610	3,058	2,147	2,233	2,564	2,989	2,489	2,587	3,212	3,962
1980 (June)	2,134	2,166	2,248	(NA)	2,130	2,146	2,223	(NA)	2,155	2,426	2,522	(NA)
1983 (June)	2,225	2,250	2,237	(NA)	2,214	2,228	2,206	(NA)	2,367	2,433	2,595	(NA)

NA Not available. [1] Includes other races not shown separately.

No. 98. Lifetime Births Expected by Wives, 18–34 Years Old—Percent Distribution: 1975 to 1983

[As of June. Refers to currently married women in the civilian noninstitutional population. Data limited to wives reporting on birth expectations. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III]

Year and number of births expected	Race		Spanish origin [1]	Age			Years of school completed		
	White	Black		18–24 years	25–29 years	30–34 years	Not high school graduate	High school, 4 years	College, 1 year or more
1975: None	4.9	3.0	3.2	4.1	4.9	5.2	2.7	4.2	7.0
One	10.8	10.7	10.6	11.2	11.7	9.8	11.0	11.4	10.1
Two	49.8	40.0	40.4	58.2	50.4	38.3	37.6	49.8	55.5
Three	23.3	22.4	25.2	19.4	23.3	26.8	25.0	24.3	20.0
Four or more	11.1	24.0	20.5	7.0	9.8	19.8	23.6	10.3	7.3
1980: None	6.0	4.0	2.8	4.9	5.5	7.0	2.6	5.6	7.7
One	13.2	14.4	9.4	12.8	13.2	13.6	11.7	14.4	12.4
Two	51.5	45.3	44.3	56.0	52.8	45.7	39.7	52.6	54.4
Three	20.4	22.2	24.2	19.1	20.3	21.8	26.7	19.7	18.8
Four or more	8.8	14.2	19.4	7.2	8.3	11.9	19.4	7.7	6.8
1983: None	5.3	3.7	1.8	4.1	5.1	6.1	2.6	4.9	6.6
One	12.8	11.2	8.1	10.3	12.3	14.9	12.3	13.5	12.0
Two	50.5	42.4	43.0	56.1	49.9	45.7	41.3	50.4	52.8
Three	21.8	28.7	27.0	20.8	23.5	21.8	25.0	22.3	20.9
Four or more	9.5	14.0	20.1	8.7	9.3	11.4	18.7	8.9	7.7

[1] Persons of Spanish origin may be of any race.

Source of tables 97 and 98: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 395, and earlier reports.

No. 99. Sexual Experience of Never-Married Women and Timing of Marriage Relative to First Sexual Intercourse for Ever-Married Women: 1982

[Covers women 15–44 years old. See headnote, table 102]

Age	Percent of never-married women who have had intercourse			Race, Spanish origin, and year of first marriage	Ever-married women (1,000)	Percent distribution					
						Marriage before or same month as first intercourse	Months between first intercourse and marriage				
	Total [1]	White	Black				Less than 6 mos.	6–11 months	12–35 months	36–59 months	60 mos. or more
Total	**61.3**	**57.6**	**79.6**	**Total [1] [2]**	**34,937**	**32.6**	**12.2**	**7.3**	**23.4**	**12.3**	**12.2**
				White	30,419	34.6	12.5	7.1	23.4	11.3	11.0
15–19 years	42.8	40.2	57.8	Black	3,442	8.8	9.0	8.4	25.2	22.9	25.7
15 years	18.4	16.9	28.0								
16 years	28.5	26.7	40.8	Spanish origin [3]	2,790	44.7	[4] 12.8	[4] 5.7	18.3	[4] 9.5	[4] 9.0
17 years	40.1	36.4	55.4								
18 years	53.8	49.7	76.1	1960–1964	5,505	48.3	17.3	[4] 6.7	20.2	[4] 5.4	[4] 2.1
19 years	65.6	63.2	80.5	1965–1969	7,326	42.2	14.3	6.7	19.1	10.7	6.9
20–24 years	73.3	69.5	90.8	1970–1974	8,266	28.1	13.5	8.6	29.0	12.2	8.6
25–44 years	82.0	79.7	96.3	1975–1979	7,338	21.4	7.0	6.7	24.8	16.9	23.2

[1] Includes other races not shown separately. [2] Includes all first marriages before 1960 and between 1980 and interview.
[3] Persons of Spanish origin may be of any race. [4] Figure does not meet standards of reliability or precision.

Source: Pratt, William, F, et al., "Understanding U.S. Fertility: Findings from the National Survey of Family Growth, Cycle III, *Population Bulletin*, vol. 39, No. 5 (Population Reference Bureau, Inc., Washington, DC, 1984); and U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 107.

No. 100. Contraceptive Use by Women, 15–44 Years Old, by Marital Status and Method of Contraception: 1982

[See headnote, table 102]

Contraceptive status and method	All women	Never married	Currently married	Formerly married	Contraceptive status and method	All women	Never married	Currently married	Formerly married
All women (1,000)	54,099	19,164	28,231	6,704	Percent distribution—Con.:				
Percent distribution					Other nonusers	26.9	59.7	5.0	25.6
Sterile	27.2	3.2	40.9	38.0	Not sexually active [3]	19.5	49.6	.2	15.1
Surgically sterile	25.7	2.6	38.9	36.1	Sexually active [3]	7.4	10.1	4.8	10.4
Contraceptively sterile [1]	17.8	1.8	27.8	21.6	Nonsurgical contraceptors	36.7	33.9	40.1	31.8
Noncontraceptively sterile	7.8	.8	11.0	14.5	Pill	15.6	18.7	13.4	15.8
Nonsurgically sterile [2]	1.5	.7	2.0	1.9	IUD	4.0	1.9	4.8	6.4
Pregnant, post partum	5.0	2.5	7.2	2.6	Diaphragm	4.5	4.7	4.5	3.7
Seeking pregnancy	4.2	1.2	6.7	2.1	Condom	6.7	4.1	9.8	.8
					Foam	1.3	.4	2.0	1.1
					Rhythm [4]	2.2	.9	3.2	1.4
					Other methods [5]	2.5	2.6	2.3	2.7

[1] Includes sterility of the husband or a current partner. Persons who had sterilizing operation *because one reason was they had* already had all the children they wanted. [2] Persons sterile from illness, accident, or congenital conditions. [3] Those having intercourse in the last 3 months before the survey. [4] Periodic abstinence and natural family planning. [5] Withdrawal, douche, suppository and less frequently used methods.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics, No. 102.*

No. 101. Use of Family Planning Services by Women, 15–44 Years Old: 1982

[**Number of family planning visits** in the 12 months before the interview **per 1,000 women** who had ever had intercourse and were not sterile before February 1979, Family planning services include (1) counseling for problems with or worries about sexual intercourse, an unwanted pregnancy or one that occured at a bad time, having a sterilizing operation, or birth control; (2) a checkup or medical test for correct use, fit, or position of a birth control method, or health problems from using a birth control method, or a pregancy test; and *(3) a visit to a physician or clinic to obtain a new method* of birth control, or to renew a method already being used. See headnote, table 102, and Appendix III]

Source of services	Women, 15–44 yrs.	Age				Race		Spanish origin [1]	Marital status		
		15–19 yrs.	20–24 yrs.	25–34 yrs.	35–44 yrs.	White	Black		Never married	Married	Widowed, divorced or separated
Total	**1,077**	**1,581**	**1,380**	**1,043**	**479**	**1,033**	**1,334**	**1,212**	**1,227**	**1,020**	**973**
Private medical services [2]	656	609	749	743	377	670	556	673	534	741	566
Clinics	385	867	577	280	95	323	754	524	636	251	361
Counselors	36	105	54	21	7	39	24	15	56	27	26

[1] Persons of Spanish origin may be of any race. [2] Private physicians in their own or a group practice.

Source: U.S. National Center for Health Statistics, *Advance Data From Vital and Health Statistics, No. 103 and unpublished data.*

No. 102. Unwanted Births of Mothers, 15–44 Years Old: 1982

[Covers the birth *experience to date of all mothers 15–44 years old regardless of marital status and whether or not they gave up* their children for adoption. Based on the 1982 National Survey of Family Growth; see Appendix III.

Race and age	All mothers					Currently married mothers				
	Number of *mothers* (1,000)	Children ever *born* (1,000)	Percent of children ever born			Number of *mothers* (1,000)	Children ever *born* (1,000)	Percent of children ever born		
			Wanted at *conception*		Unwanted at conception			Wanted at *conception*		Unwanted at conception
			Total	Mistimed				Total	Mistimed	
All races [1]	**31,158**	**70,218**	**89.2**	**29.0**	**10.5**	**23,134**	**52,873**	**92.0**	**26.6**	**7.8**
White	25,647	57,167	91.8	28.1	8.0	20,517	46,546	93.0	26.0	6.8
15–24 yrs	3,459	4,930	94.1	48.5	5.9	2,470	3,579	95.9	43.8	[2] 4.1
25–34 yrs	11,534	23,198	93.4	26.9	6.3	9,407	19,083	94.6	24.8	5.0
35–44 yrs	10,654	29,039	90.1	25.6	9.8	8,639	23,884	91.2	24.2	6.7
Black	4,538	11,037	75.8	34.3	23.7	1,878	4,769	82.6	33.1	17.2
15–24 yrs	1,037	1,520	75.2	44.3	24.8	238	387	83.4	41.7	[2] 16.6
25–34 yrs	2,030	4,663	80.1	35.5	19.6	913	2,075	84.3	31.9	15.5
35–44 yrs	1,470	4,853	71.8	30.2	27.3	726	2,307	81.0	32.7	18.8

[1] Includes races not shown separately. [2] Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 103. Legal Abortions—Estimated Number, Rate, and Ratio, by Race: 1972 to 1982

[Refers to women 15-44 years old at time of abortion]

Year	All races				White				Black and other			
	Women 15-44 years old (1,000)	Abortions			Women 15-44 years old (1,000)	Abortions			Women 15-44 years old (1,000)	Abortions		
		Number (1,000)	Rate per 1,000 women	Ratio per 1,000 live births [1]		Number (1,000)	Rate per 1,000 women	Ratio per 1,000 live births [1]		Number (1,000)	Rate per 1,000 women	Ratio per 1,000 live births [1]
1972	44,588	586.8	13.2	184	38,532	455.3	11.8	175	6,056	131.5	21.7	223
1973	45,590	744.6	16.3	239	39,314	548.8	14.0	217	6,276	195.8	31.2	337
1974	46,608	898.6	19.3	282	40,101	629.3	15.7	242	6,507	269.3	41.4	457
1975	47,606	1,034.2	21.7	331	40,857	701.2	17.2	276	6,749	333.0	49.3	565
1976	48,721	1,179.3	24.2	361	41,721	784.9	18.8	296	7,000	394.4	56.3	638
1977	49,814	1,316.7	26.4	400	42,567	888.8	20.9	333	7,247	427.9	59.0	679
1978	50,920	1,409.6	27.7	417	43,427	969.4	22.3	356	7,493	440.2	58.7	665
1979	52,016	1,497.7	28.8	422	44,266	1,062.4	24.0	373	7,750	435.3	56.2	625
1980	53,048	1,553.9	29.3	428	44,942	1,093.6	24.3	376	8,106	460.3	56.5	642
1981	53,901	1,577.3	29.3	429	45,494	1,107.8	24.3	377	8,407	469.6	55.9	645
1982	54,652	1,573.9	28.8	426	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] See headnote, table 105.

No. 104. Legal Abortions, by Selected Characteristics: 1973 to 1981

[Number of abortions from surveys conducted by source; characteristics from the U.S. Centers for Disease Control's (CDC) annual abortion surveillance summaries, with adjustments for changes in States reporting data to the CDC each year]

Characteristic	Number (1,000)							Percent distribution			Abortion ratio [1]		
	1973	1975	1977	1978	1979	1980	1981	1973	1980	1981	1973	1980	1981
Total legal abortions	**745**	**1,034**	**1,317**	**1,410**	**1,498**	**1,554**	**1,577**	**100.0**	**100.0**	**100.0**	**193**	**300**	**300**
Age of woman:													
Less than 15 years old	12	15	16	15	16	15	15	1.6	1.0	1.0	476	607	610
15-19 years old	232	325	397	419	445	445	433	31.2	28.6	27.5	280	451	448
20-24 years old	241	332	450	489	526	549	555	32.3	35.4	35.2	181	310	311
25-29 years old	130	189	247	266	284	304	316	17.4	19.6	20.0	128	213	217
30-34 years old	73	100	124	134	142	153	167	9.7	9.8	10.6	165	213	221
35-39 years old	41	53	62	65	65	67	70	5.5	4.3	4.4	246	317	320
40 years old and over	17	21	22	21	20	21	21	2.3	1.3	1.3	334	461	456
Race of woman:													
White	549	701	889	969	1,062	1,094	1,108	73.7	70.4	70.2	178	274	273
Black and other	196	333	428	440	435	460	470	26.3	29.6	29.8	252	392	391
Marital status of woman:													
Married	216	272	300	331	322	320	299	29.0	20.6	18.9	74	98	91
Unmarried	528	762	1,017	1,079	1,176	1,234	1,279	71.0	79.4	81.1	564	649	648
Number of prior live births:													
None	411	543	743	798	868	900	912	55.2	57.9	57.8	242	365	366
1	115	194	249	271	287	305	312	15.4	19.6	19.8	108	208	209
2	104	156	187	198	207	216	220	13.9	13.9	13.9	190	283	284
3	61	78	80	83	82	83	85	8.1	5.3	5.4	228	288	289
4 or more	55	64	58	59	53	51	49	7.4	3.3	3.1	196	251	245
Number of prior induced abortions:													
None	(NA)	822	973	997	1,025	1,043	1,023	(NA)	67.1	64.9	(NA)	(NA)	(NA)
1	(NA)	170	272	317	352	373	390	(NA)	24.0	24.7	(NA)	(NA)	(NA)
2 or more	(NA)	42	73	96	121	138	165	(NA)	8.9	10.4	(NA)	(NA)	(NA)
Weeks of gestation:													
Less than 9 weeks	284	481	658	708	749	800	810	38.2	51.5	51.4	(NA)	(NA)	(NA)
9-10 weeks	222	290	361	388	413	417	424	29.7	26.8	26.9	(NA)	(NA)	(NA)
11-12 weeks	131	151	180	188	204	202	204	17.5	13.0	12.9	(NA)	(NA)	(NA)
13 weeks or more	108	112	118	126	133	136	139	14.6	8.7	8.8	(NA)	(NA)	(NA)

NA Not available. [1] Number of abortions per 1,000 abortions and live births. Live births are those which occurred from July 1 of year shown through June 30 of the following year (to match time of conception with abortions). For 1982, total abortion ratio is 299.

Source of tables 103 and 104: 1972, U.S. Centers for Disease Control, Atlanta, GA, *Abortion Surveillance, Annual Summary, 1972*, 1974, and The Alan Guttmacher Institute; 1973-1980, S.K. Henshaw, ed., *Abortion Services in the United States, Each State and Metropolitan Area, 1979-1980*, The Alan Guttmacher Institute, New York, NY, 1983 (copyright); 1981 and 1982, The Alan Guttmacher Institute, New York, NY, unpublished data.

No. 105. Legal Abortions—Number, Rate per 1,000 Women 15–44 Years Old, and Abortion/Live Birth Ratio, by State of Occurrence: 1973 to 1982

[Number of legal abortions are from four surveys of hospitals, clinics, and physicians identified as providers of abortion services, conducted by the Alan Guttmacher Institute. Abortion rates are computed per 1,000 women 15–44 years of age on **July 1** of specified year; abortion ratios are computed as the number of abortions per 1,000 live births from **July 1** of year shown to **June 30** of following year, by State of occurrence]

STATE	NUMBER OF ABORTIONS (1,000)				RATE PER 1,000 WOMEN, 15–44 YEARS OLD				RATIO: ABORTIONS PER 1,000 LIVE BIRTHS			
	1973	1980	1981	1982	1973	1980	1981	1982	1973	1980	1981	1982
United States	**744.6**	**1,553.9**	**1,577.3**	**1,573.9**	**16.3**	**29.3**	**29.3**	**28.8**	**239**	**426**	**429**	**426**
New England	**23.1**	**83.9**	**87.1**	**87.0**	**9.0**	**28.9**	**29.9**	**29.7**	**152**	**530**	**518**	**504**
Maine	.7	4.8	5.7	5.5	3.3	18.6	22.2	21.1	47	289	355	327
New Hampshire	.6	4.7	5.9	5.6	3.3	21.1	26.1	24.5	52	347	430	399
Vermont	1.5	3.8	3.8	3.7	14.8	30.4	30.1	29.4	233	466	494	479
Massachusetts	12.4	45.6	41.7	41.2	10.1	33.5	30.6	30.2	173	609	544	529
Rhode Island	1.1	6.6	7.5	7.8	5.8	30.7	34.7	35.8	96	529	574	590
Connecticut	6.8	18.4	22.6	23.2	10.4	25.6	31.2	31.8	188	561	551	540
Middle Atlantic	**252.9**	**311.8**	**311.9**	**307.8**	**32.0**	**37.0**	**36.9**	**36.3**	**531**	**627**	**617**	**607**
New York	212.7	187.5	187.6	182.7	54.5	45.8	45.8	44.5	904	780	756	731
New Jersey	10.2	55.5	59.5	61.1	6.7	32.8	34.9	35.7	113	591	629	653
Pennsylvania	29.9	68.9	64.8	64.1	12.2	26.1	24.4	24.1	200	423	398	392
East North Central	**97.4**	**242.9**	**230.2**	**227.6**	**11.1**	**24.9**	**23.5**	**23.1**	**161**	**369**	**358**	**360**
Ohio	17.3	67.1	60.7	61.4	7.4	26.8	24.1	24.3	109	397	367	378
Indiana	1.8	19.6	16.0	15.7	1.5	15.3	12.4	12.1	21	227	192	189
Illinois	32.8	69.1	66.8	65.9	13.6	25.9	24.9	24.4	199	374	368	366
Michigan	37.5	65.2	65.2	64.2	19.1	29.7	29.6	29.0	272	457	474	482
Wisconsin	8.2	21.8	21.4	20.4	8.6	20.1	19.5	18.5	129	292	285	276
West North Central	**29.6**	**75.2**	**74.1**	**73.2**	**8.6**	**19.2**	**18.8**	**18.4**	**125**	**260**	**260**	**259**
Minnesota	7.3	19.9	19.9	19.0	8.8	20.7	20.5	19.4	137	288	299	283
Iowa	2.3	9.3	8.5	8.2	4.0	14.3	13.0	12.6	59	195	184	183
Missouri	3.4	21.6	19.6	19.8	3.5	19.4	17.4	17.4	49	273	250	253
North Dakota	–	3.1	3.2	3.4	–	21.5	21.5	22.4	–	235	239	246
South Dakota	1.6	1.4	1.6	1.8	12.2	9.0	10.5	11.6	153	103	125	143
Nebraska	2.3	6.4	6.7	6.6	7.2	17.9	18.8	18.3	99	227	251	247
Kansas	12.6	13.6	14.5	14.4	26.5	25.6	27.0	26.6	413	343	356	361
South Atlantic	**114.4**	**254.5**	**270.6**	**270.4**	**16.0**	**29.4**	**30.6**	**30.0**	**233**	**462**	**485**	**480**
Delaware	2.1	3.7	4.0	3.9	16.3	25.9	27.8	26.5	255	395	429	403
Maryland	11.1	30.5	34.0	34.8	12.2	29.2	32.2	32.7	241	571	611	603
District of Columbia	44.6	28.5	30.3	28.6	251.4	168.3	178.7	169.9	2,355	1,569	1,627	1,517
Virginia	8.4	31.8	35.8	34.9	7.6	24.2	26.8	25.7	124	417	464	447
West Virginia	(Z)	3.0	3.1	3.4	.1	6.9	7.1	7.7	2	104	111	122
North Carolina	12.3	31.9	33.2	33.2	10.2	22.8	23.3	23.0	146	377	388	383
South Carolina	2.2	13.7	15.2	16.1	3.5	18.2	19.8	20.7	47	274	307	328
Georgia	11.0	37.9	37.9	38.5	10.0	28.4	27.8	27.7	129	395	412	415
Florida	22.9	73.6	77.0	76.9	14.7	35.5	35.9	34.8	214	547	543	524
East South Central	**12.7**	**65.3**	**59.7**	**62.4**	**4.4**	**19.2**	**17.3**	**17.8**	**56**	**271**	**253**	**270**
Kentucky	2.6	12.8	10.2	10.8	3.6	15.1	11.9	12.5	48	215	178	189
Tennessee	5.3	25.6	24.2	26.1	5.8	23.6	22.0	23.3	79	352	339	372
Alabama	4.6	20.8	19.8	19.9	6.0	23.1	21.7	21.6	78	331	327	340
Mississippi	.1	6.1	5.4	5.5	.2	10.6	9.3	9.3	3	132	117	122
West South Central	**19.1**	**137.2**	**149.5**	**147.5**	**4.2**	**24.5**	**26.0**	**25.0**	**53**	**308**	**318**	**305**
Arkansas	1.1	6.2	6.4	6.7	2.7	12.3	12.5	12.9	35	173	186	191
Louisiana	–	17.7	20.7	22.3	–	17.6	20.1	21.3	–	218	246	265
Oklahoma	.6	11.3	12.4	12.7	1.0	16.4	17.6	17.6	15	221	233	229
Texas	17.3	102.0	110.1	105.8	6.4	30.0	31.3	29.2	79	367	368	343
Mountain	**17.1**	**68.2**	**69.6**	**70.9**	**8.3**	**25.0**	**24.7**	**24.4**	**103**	**302**	**294**	**303**
Montana	.5	3.7	4.2	4.2	3.0	20.1	22.6	22.5	39	265	295	303
Idaho	.4	2.7	3.0	3.0	2.3	12.7	13.6	13.4	26	141	155	158
Wyoming	.2	1.1	.9	1.0	2.2	9.5	8.1	8.4	30	107	95	101
Colorado	*7.6*	*23.1*	*23.9*	*25.2*	*13.5*	*31.4*	*31.4*	*32.2*	*195*	*447*	*441*	*454*
New Mexico	4.7	8.4	7.3	7.5	18.9	27.0	22.7	22.8	227	358	243	281
Arizona	2.8	15.8	16.5	15.8	6.1	25.0	25.2	23.4	78	310	316	298
Utah	.1	4.2	4.1	4.2	.4	12.3	11.5	11.4	4	97	94	100
Nevada	1.0	9.2	9.7	10.0	7.1	46.6	46.9	46.0	108	697	720	702
Pacific	**178.5**	**314.9**	**324.7**	**327.3**	**28.5**	**41.0**	**41.4**	**40.8**	**449**	**561**	**584**	**576**
Washington	17.3	37.0	35.3	34.1	21.8	37.5	34.8	32.9	373	522	563	517
Oregon	11.4	17.7	16.0	16.4	23.3	28.3	25.1	25.2	356	396	369	395
California	143.9	250.4	262.7	265.7	30.5	43.7	44.9	44.5	485	598	624	617
Alaska	1.2	1.9	1.9	1.9	14.8	17.9	17.1	17.0	174	196	185	172
Hawaii	4.7	8.0	8.8	9.1	24.9	34.4	37.4	37.9	303	441	476	484

– Represents zero. Z Fewer than 50 legal abortions reported by providers.

Source: 1973 and 1980, S.K. Henshaw, ed., *Abortion Services in the United States, Each State and Metropolitan Area, 1979–1980*, The Alan Guttmacher Institute, New York, NY, 1983 (copyright); 1981 and 1982, Henshaw, S.K., J.D. Forrest, and E. Blaine, "Abortion Services in the United States, 1981 and 1982", *Family Planning Perspectives*, vol. 16, No. 3, May/June 1984, The Alan Guttmacher Institute, New York, NY.

NO. 106. EXPECTATION OF LIFE AT BIRTH: 1920 TO 1984

[**In years.** Prior to 1960, excludes Alaska and Hawaii. Data prior to 1940 for death-registration States only; see text, p. 53. Beginning 1970, excludes deaths of nonresidents of the United States. See also *Historical Statistics, Colonial Times to 1970*, series B 107–115]

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1920	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2
1930	59.7	58.1	61.6	61.4	59.7	63.5	48.1	47.3	49.2
1940	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9
1955	69.6	66.7	72.8	70.5	67.4	73.7	63.7	61.4	66.1
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3
1965	70.2	66.8	73.7	71.0	67.6	74.7	64.1	61.1	67.4
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4
1971	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.6
1972	71.2	67.4	75.1	72.0	68.3	75.9	65.7	61.5	70.1
1973	71.4	67.6	75.3	72.2	68.5	76.1	66.1	62.0	70.3
1974	72.0	68.2	75.9	72.8	69.0	76.7	67.1	62.9	71.3
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1
1980	73.7	70.0	77.5	74.4	70.7	78.1	69.5	65.3	73.6
1981	74.2	70.4	77.9	74.8	71.1	78.5	70.3	66.1	74.5
1982	74.6	70.9	78.2	75.1	71.5	78.8	71.0	66.8	75.0
1983, *prel.*	74.7	71.0	78.3	75.2	71.6	78.8	71.3	67.1	75.3
1984, *prel.*	74.7	71.1	78.3	75.3	71.8	78.8	71.3	67.3	75.2

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

NO. 107. SELECTED LIFE TABLE VALUES: 1959 TO 1982

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of the United States. See *Historical Statistics, Colonial Times to 1970*, series B 116–125]

AGE AND SEX	WHITE					BLACK AND OTHER					BLACK		
	1959–1961	1969–1971	1975	1980	1982	1959–1961	1969–1971	1975	1980	1982	1975	1980	1982
	AVERAGE EXPECTATION OF LIFE IN YEARS												
At birth: Male	67.6	67.9	69.5	70.7	71.5	61.5	61.0	63.7	65.3	66.8	62.4	63.7	64.9
Female	74.2	75.6	77.3	78.1	78.8	66.5	69.1	72.4	73.6	75.0	71.3	72.3	73.5
Age 20: Male	50.3	50.2	51.5	52.4	53.0	45.8	44.4	46.4	47.5	48.0	45.2	46.0	47.2
Female	56.3	57.2	58.8	59.4	59.9	50.1	51.9	54.7	55.5	56.8	53.7	54.3	55.4
Age 40: Male	31.7	31.9	33.1	34.0	34.5	28.7	28.3	29.8	30.3	31.3	28.8	29.1	29.9
Female	37.1	38.1	39.5	40.1	40.6	32.2	33.9	36.3	36.8	37.9	35.3	35.7	36.6
Age 50: Male	23.2	23.3	24.4	25.2	25.6	21.3	21.2	21.4	22.6	23.4	21.6	21.6	22.2
Female	28.1	29.1	30.4	30.8	31.3	24.3	26.0	28.0	28.3	29.2	27.2	27.3	28.0
Age 65: Male	13.0	13.0	13.8	14.2	14.5	12.8	12.9	13.6	13.5	14.1	13.1	12.9	13.3
Female	15.9	16.9	18.2	18.5	18.9	15.1	16.0	17.9	17.3	18.2	16.7	16.5	17.2
	ANNUAL DEATHS EXPECTED PER 1,000 ALIVE AT SPECIFIED AGE												
At birth: Male	25.9	20.1	15.9	12.3	11.3	47.0	34.1	26.3	20.9	19.0	28.4	23.4	21.6
Female	19.6	15.3	12.3	9.7	8.9	38.3	27.7	22.2	17.6	15.6	24.1	19.5	17.7
Age 20: Male	1.6	1.9	1.8	1.8	1.8	2.4	3.6	2.7	2.3	1.8	2.8	2.4	1.9
Female	.6	.6	.6	.6	.5	1.2	1.2	.9	.7	.6	1.0	.7	.7
Age 40: Male	3.3	3.4	2.9	2.6	2.4	7.5	9.0	7.2	6.0	5.1	8.0	7.0	6.1
Female	1.9	1.9	1.7	1.4	1.3	5.6	5.1	3.6	3.0	2.5	4.0	3.3	2.9
Age 50: Male	9.6	8.9	8.0	7.1	6.7	15.7	16.8	14.9	13.4	12.1	16.2	15.1	13.9
Female	4.7	4.7	4.2	3.8	3.6	11.7	10.1	7.9	7.0	6.3	8.5	7.8	7.1
Age 65: Male	33.9	33.9	30.0	27.5	26.4	43.7	41.7	36.2	36.2	35.0	38.1	39.3	38.6
Female	17.4	15.6	13.7	13.7	13.5	30.7	27.4	20.3	20.4	19.4	20.9	21.9	21.3
	NUMBER SURVIVING TO SPECIFIED AGE PER 1,000 BORN LIVE												
Age 20: Male	959	964	970	975	976	931	943	956	964	967	954	961	964
Female	971	976	980	983	985	947	959	968	974	976	966	972	974
Age 40: Male	924	925	935	939	943	857	844	872	894	905	863	883	893
Female	953	957	964	969	971	897	912	934	943	951	929	941	945
Age 50: Male	874	877	890	901	905	772	747	788	819	834	772	798	812
Female	925	929	939	947	949	830	850	884	903	912	876	893	901
Age 65: Male	658	652	695	723	726	514	496	546	580	598	521	545	558
Female	807	809	834	847	847	608	661	720	750	760	704	728	736

Source: U.S. National Center for Health Statistics, *U.S. Life Tables and Actuarial Tables, 1959–61*; and *Vital Statistics of the United States*, annual; and unpublished data.

No. 108. Expectation of Life and Expected Deaths, by Race, Sex, and Age: 1982

Age in 1982 (years)	Expectation of life in years					Expected deaths per 1,000 alive at specified age				
	Total	White		Black		Total	White		Black	
		Male	Female	Male	Female		Male	Female	Male	Female
At birth	74.6	71.5	78.8	64.9	73.5	11.55	11.26	8.88	21.59	17.71
1	74.4	71.3	78.5	65.4	73.8	.78	.82	.63	1.18	.97
2	73.5	70.4	77.5	64.4	72.9	.61	.61	.50	.97	.81
3	72.5	69.4	76.5	63.5	71.9	.49	.48	.40	.81	.67
4	71.6	68.4	75.6	62.6	71.0	.41	.40	.33	.69	.55
5	70.6	67.5	74.6	61.6	70.0	.35	.36	.28	.59	.46
6	69.6	66.5	73.6	60.6	69.1	.32	.34	.24	.51	.38
7	68.6	65.5	72.6	59.7	68.1	.28	.32	.21	.45	.32
8	67.7	64.5	71.7	58.7	67.1	.25	.28	.19	.40	.28
9	66.7	63.6	70.7	57.7	66.1	.22	.24	.17	.35	.25
10	65.7	62.6	69.7	56.7	65.1	.19	.20	.16	.32	.23
11	64.7	61.6	68.7	55.8	64.2	.19	.19	.16	.32	.23
12	63.7	60.6	67.7	54.8	63.2	.23	.26	.19	.38	.24
13	62.7	59.6	66.7	53.8	62.2	.33	.42	.23	.49	.27
14	61.7	58.6	65.7	52.8	61.2	.47	.64	.29	.65	.31
15	60.8	57.7	64.7	51.9	60.2	.63	.89	.37	.83	.36
16	59.8	56.7	63.8	50.9	59.2	.78	1.12	.43	1.02	.42
17	58.9	55.8	62.8	50.0	58.3	.90	1.31	.49	1.22	.48
18	57.9	54.9	61.8	49.0	57.3	.98	1.44	.51	1.44	.54
19	57.0	53.9	60.9	48.1	56.3	1.03	1.51	.52	1.66	.60
20	56.0	53.0	59.9	47.2	55.4	1.08	1.58	.52	1.89	.66
21	55.1	52.1	58.9	46.2	54.4	1.13	1.64	.52	2.13	.72
22	54.1	51.2	58.0	45.3	53.4	1.16	1.68	.53	2.35	.79
23	53.2	50.3	57.0	44.5	52.5	1.18	1.68	.53	2.53	.86
24	52.3	49.4	56.0	43.6	51.5	1.18	1.66	.53	2.69	.93
25	51.3	48.4	55.0	42.7	50.6	1.18	1.62	.54	2.84	1.00
26	50.4	47.5	54.1	41.8	49.6	1.18	1.58	.54	3.00	1.08
27	49.5	46.6	53.1	40.9	48.7	1.18	1.55	.55	3.17	1.16
28	48.5	45.7	52.1	40.1	47.7	1.19	1.54	.56	3.34	1.23
29	47.6	44.7	51.2	39.2	46.8	1.22	1.54	.58	3.53	1.30
30	46.6	43.8	50.2	38.3	45.8	1.25	1.56	.61	3.73	1.38
31	45.7	42.9	49.2	37.5	44.9	1.28	1.58	.64	3.93	1.46
32	44.7	41.9	48.2	36.6	44.0	1.32	1.60	.67	4.12	1.56
33	43.8	41.0	47.3	35.8	43.0	1.38	1.63	.71	4.30	1.67
34	42.9	40.1	46.3	34.9	42.1	1.41	1.68	.76	4.48	1.80
35	41.9	39.1	45.3	34.1	41.2	1.47	1.74	.82	4.69	1.94
36	41.0	38.2	44.4	33.2	40.3	1.55	1.82	.89	4.92	2.09
37	40.0	37.3	43.4	32.4	39.3	1.65	1.92	.97	5.17	2.26
38	39.1	36.3	42.5	31.6	38.4	1.78	2.05	1.07	5.45	2.45
39	38.2	35.4	41.5	30.7	37.5	1.98	2.21	1.18	5.76	2.66
40	37.2	34.5	40.6	29.9	36.6	2.10	2.40	1.31	6.09	2.89
41	36.3	33.6	39.6	29.1	35.7	2.30	2.63	1.46	6.49	3.15
42	35.4	32.7	38.7	28.3	34.8	2.58	2.89	1.61	6.98	3.44
43	34.5	31.8	37.7	27.5	34.0	2.79	3.19	1.79	7.59	3.77
44	33.6	30.9	36.8	26.7	33.1	3.08	3.53	1.98	8.32	4.12
45	32.7	30.0	35.9	25.9	32.2	3.41	3.91	2.19	9.11	4.51
46	31.8	29.1	34.9	25.1	31.4	3.76	4.34	2.42	9.95	4.93
47	30.9	28.2	34.0	24.4	30.5	4.15	4.83	2.67	10.84	5.39
48	30.1	27.3	33.1	23.6	29.7	4.59	5.38	2.95	11.79	5.92
49	29.2	26.5	32.2	22.9	28.9	5.07	6.01	3.25	12.79	6.50
50	28.3	25.6	31.3	22.2	28.0	5.58	6.69	3.58	13.86	7.13
51	27.5	24.8	30.4	21.5	27.2	6.14	7.42	3.94	14.99	7.80
52	26.7	24.0	29.6	20.8	26.5	6.73	8.20	4.33	16.17	8.47
53	25.8	23.2	28.7	20.2	25.7	7.35	9.02	4.74	17.40	9.14
54	25.0	22.4	27.8	19.5	24.9	8.00	9.89	5.17	18.69	9.83
55	24.2	21.6	27.0	18.9	24.1	8.70	10.83	5.65	20.03	10.53
56	23.4	20.8	26.1	18.2	23.4	9.47	11.84	6.17	21.45	11.29
57	22.6	20.1	25.3	17.6	22.7	10.30	12.95	6.74	22.96	12.16
58	21.9	19.3	24.4	17.0	21.9	11.20	14.16	7.35	24.61	13.18
59	21.1	18.6	23.6	16.5	21.2	12.19	15.47	8.02	26.36	14.31
60	20.4	17.9	22.8	15.9	20.5	13.25	16.85	8.74	28.22	15.54
61	19.6	17.2	22.0	15.3	19.8	14.38	18.35	9.52	30.14	16.79
62	18.9	16.5	21.2	14.8	19.2	15.62	20.04	10.39	32.14	18.01
63	18.2	15.8	20.4	14.3	18.5	16.99	21.95	11.34	34.21	19.14
64	17.5	15.2	19.6	13.8	17.9	18.49	24.07	12.39	36.34	20.22
65	16.8	14.5	18.9	13.3	17.2	20.10	26.37	13.53	38.56	21.32
70	13.7	11.6	15.3	10.9	14.1	29.62	39.77	20.64	51.42	29.32
75	10.8	9.1	12.0	8.8	11.3	43.72	59.43	32.44	65.36	40.20
80	8.3	7.0	9.0	6.7	8.6	65.40	88.01	52.55	85.43	58.70
85 and over	6.3	5.3	6.7	4.8	6.5	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

NO. 109. DEATHS AND DEATH RATES, BY SEX AND RACE: 1950 TO 1983

[**Rates are per 1,000 population for specified groups.** 1950 excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of the U.S. Excludes fetal deaths. See Appendix III. For explanation of age-adjustment, see text, p. 53. The standard population for this table is the total population of the United States enumerated in 1940. See also *Historical Statistics, Colonial Times to 1970*, series B 167–179 and B 181–192]

SEX AND RACE	1950	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983,[1] prel.
Deaths (1,000)	**1,452**	**1,712**	**1,828**	**1,921**	**1,893**	**1,900**	**1,928**	**1,914**	**1,990**	**1,978**	**1,975**	**2,010**
Male (1,000)	828	976	1,035	1,078	1,051	1,046	1,055	1,045	1,075	1,064	1,056	1,071
Female (1,000)	625	736	793	843	842	853	872	869	915	914	918	938
White (1,000)	1,276	1,505	1,605	1,682	1,660	1,664	1,690	1,676	1,739	1,731	1,729	1,761
Male (1,000)	731	861	911	942	918	913	920	910	934	925	919	933
Female (1,000)	545	644	695	740	743	751	770	766	805	806	810	828
Black (1,000)	170	196	211	226	218	220	221	221	233	229	227	228
Male (1,000)	92	108	117	128	124	124	125	124	130	127	126	126
Female (1,000)	78	88	94	98	94	96	97	96	103	101	101	102
Death rates	**9.6**	**9.5**	**9.4**	**9.5**	**8.8**	**8.6**	**8.7**	**8.5**	**8.8**	**8.6**	**8.5**	**8.6**
Male	11.1	11.0	10.9	10.9	10.0	9.8	9.8	9.6	9.8	9.5	9.4	9.4
Female	8.2	8.1	8.0	8.1	7.6	7.6	7.6	7.5	7.9	7.8	7.7	7.8
White	9.5	9.5	9.4	9.5	8.7	8.7	8.8	8.7	8.9	8.8	8.7	8.8
Male	10.9	11.0	10.9	10.9	10.0	9.8	9.8	9.6	9.8	9.7	9.5	9.6
Female	8.0	8.0	8.0	8.1	7.8	7.7	7.8	7.7	8.1	8.0	8.0	8.1
Black	11.3	10.4	10.1	10.0	8.8	8.6	8.6	8.4	8.8	8.4	8.2	8.1
Male	12.6	11.8	11.6	11.9	10.6	10.3	10.2	10.0	10.3	9.9	9.6	9.5
Female	10.0	9.1	8.6	8.3	7.3	7.2	7.1	7.0	7.3	7.1	6.9	6.9
Age-adjusted death rates	**8.4**	**7.6**	**7.4**	**7.1**	**6.2**	**6.0**	**6.0**	**5.8**	**5.9**	**5.7**	**5.5**	**5.5**
Male	10.0	9.5	9.5	9.3	8.2	8.0	7.9	7.7	7.8	7.5	7.3	7.3
Female	6.9	5.9	5.6	5.3	4.6	4.4	4.4	4.2	4.3	4.2	4.1	4.1
White	8.0	7.3	7.0	6.8	6.0	5.8	5.7	5.5	5.6	5.4	5.3	5.3
Male	9.6	9.2	9.1	8.9	8.0	7.7	7.6	7.4	7.5	7.2	7.1	7.0
Female	6.5	5.6	5.3	5.0	4.4	4.2	4.2	4.0	4.1	4.0	3.9	3.9
Black	[2] 12.3	10.7	10.5	10.4	8.9	8.5	8.3	8.1	8.4	8.0	7.8	7.7
Male	[2] 13.6	12.5	12.7	13.2	11.6	11.1	10.9	10.7	11.1	10.7	10.4	10.2
Female	[2] 11.0	9.2	8.6	8.1	6.7	6.4	6.2	6.1	6.3	6.0	5.8	5.7

[1] Based on a 10-percent sample of deaths. [2] Black and other races.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

NO. 110. DEATH RATES, BY AGE, SEX, AND RACE: 1960 TO 1983

[**Number of deaths per 100,000 population in specified group.** See headnote, table 109]

SEX, YEAR, AND RACE	All ages [1]	Under 1 yr. old	1–4 yr. old	5–14 yr. old	15–24 yr. old	25–34 yr. old	35–44 yr. old	45–54 yr. old	55–64 yr. old	65–74 yr. old	75–84 yr. old	85 yr. old and over
MALE												
1960	1,105	3,059	120	56	152	188	373	992	2,310	4,914	10,178	21,186
1970	1,090	2,410	93	51	189	215	403	959	2,283	4,874	10,010	17,822
1975	1,002	1,786	77	41	174	199	345	859	2,019	4,409	9,154	18,135
1980	977	1,429	73	37	172	196	299	767	1,815	4,105	8,817	18,801
1981	955	1,332	67	36	158	191	292	752	1,775	3,995	8,520	18,136
1982	938	1,292	63	34	149	181	273	720	1,736	3,929	8,391	17,782
1983, prel.[2]	942	1,229	57	33	139	174	270	705	1,727	3,924	8,424	18,401
White: 1970	1,087	2,113	84	48	171	177	344	883	2,203	4,810	10,099	18,552
1980	983	1,230	66	35	167	171	257	699	1,729	4,036	8,830	19,097
1982	952	1,136	58	33	146	159	239	660	1,655	3,860	8,445	18,123
1983, prel.[2]	959	1,078	54	32	138	156	236	649	1,637	3,850	8,482	18,797
Black: 1970	1,187	4,299	151	67	321	560	957	1,778	3,257	5,803	9,455	12,222
1980	1,034	2,587	111	47	209	407	690	1,480	2,873	5,131	9,232	16,099
1982	960	2,169	93	44	175	360	607	1,352	2,758	5,040	8,477	15,118
1983, prel.[2]	950	2,099	72	44	154	331	604	1,301	2,814	5,058	8,553	15,386
FEMALE												
1960	809	2,321	98	37	61	107	229	527	1,196	2,872	7,633	19,008
1970	808	1,864	75	32	68	102	231	517	1,099	2,580	6,678	15,518
1975	761	1,411	63	27	60	84	191	455	994	2,237	5,743	14,455
1980	785	1,142	55	24	58	76	159	413	934	2,145	5,440	14,747
1981	775	1,077	53	23	55	74	153	407	925	2,101	5,201	14,203
1982	771	1,031	52	22	52	70	144	390	914	2,085	5,121	13,895
1983, prel.[2]	780	918	46	21	51	70	138	389	924	2,085	5,066	14,195
White: 1970	813	1,615	66	30	62	84	193	463	1,015	2,471	6,699	15,980
1980	806	963	49	23	56	65	138	373	876	2,067	5,402	14,980
1982	798	895	47	21	50	61	128	355	860	2,023	5,101	14,124
1983, prel.[2]	810	790	42	21	50	62	122	356	867	2,018	5,068	14,391
Black: 1970	829	3,369	129	44	112	231	533	1,044	1,986	3,861	6,692	10,707
1980	733	2,124	84	31	71	150	324	768	1,561	3,057	6,212	12,367
1982	692	1,760	76	29	64	135	283	693	1,498	2,863	5,709	11,660
1983, prel.[2]	688	1,581	67	26	57	119	276	664	1,530	2,934	5,393	12,274

[1] Includes unknown age. [2] Based on a 10-percent sample of deaths.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

NO. 111. DEATHS AND DEATH RATES, BY STATE: 1960 TO 1983

[Excludes deaths of nonresidents of the U.S., except as noted. See Appendix III]

REGION, DIVISION AND STATE	NUMBER OF DEATHS (1,000)							RATE PER 1,000 POPULATION						
	By State of residence					By State of occurrence [1]		By State of residence					By State of occurrence [1]	
	1960 [1]	1970	1975	1980	1982	1982	1983, prel.	1960 [1]	1970	1975	1980	1982	1982	1983, [1] prel.
United States	**1,712**	**1,921**	**1,893**	**1,990**	**1,975**	**1,978**	**2,010**	**9.5**	**9.5**	**8.8**	**8.8**	**8.5**	**8.5**	**8.6**
Region:														
Northeast	470	499	466	480	465	464	471	10.5	10.2	9.4	9.8	9.4	9.4	9.5
Midwest	504	541	519	524	514	511	522	9.8	9.6	9.0	8.9	8.7	8.7	8.9
South	499	593	610	659	664	669	683	9.1	9.5	8.8	8.7	8.5	8.5	8.6
West	239	288	297	327	332	335	334	8.5	8.3	7.7	7.6	7.4	7.4	7.3
New England	**112**	**116**	**110**	**115**	**111**	**112**	**113**	**10.6**	**9.8**	**9.1**	**9.3**	**9.0**	**9.0**	**9.0**
Maine	11	11	10	11	10	10	11	11.1	11.1	9.6	9.6	9.2	9.2	9.8
New Hampshire	7	7	7	8	8	7	8	11.0	10.0	8.7	8.3	8.0	7.8	8.1
Vermont	4	4	4	5	4	5	5	11.4	10.0	8.9	9.0	8.6	8.7	9.3
Massachusetts	57	57	54	55	53	54	54	11.0	10.1	9.4	9.6	9.2	9.3	9.4
Rhode Island	9	9	9	9	9	9	9	10.5	10.0	9.4	9.8	9.4	9.5	9.9
Connecticut	24	26	26	27	27	27	25	9.4	8.6	8.3	8.8	8.6	8.6	8.1
Middle Atlantic	**359**	**383**	**356**	**365**	**354**	**352**	**358**	**10.5**	**10.3**	**9.5**	**9.9**	**9.6**	**9.5**	**9.7**
New York	178	188	170	173	167	167	170	10.6	10.3	9.4	9.8	9.5	9.5	9.6
New Jersey	59	68	65	69	68	66	66	9.8	9.5	8.9	9.4	9.1	8.9	8.9
Pennsylvania	121	127	121	124	119	119	122	10.7	10.8	10.1	10.4	10.0	10.0	10.2
East North Central	**348**	**377**	**361**	**365**	**358**	**354**	**362**	**9.6**	**9.4**	**8.8**	**8.8**	**8.6**	**8.5**	**8.7**
Ohio	93	100	96	98	94	94	98	9.6	9.4	8.9	9.1	8.8	8.8	9.1
Indiana	45	49	47	47	47	47	48	9.7	9.3	8.7	8.6	8.5	8.6	8.8
Illinois	103	111	104	103	101	98	100	10.2	10.0	9.2	9.0	8.8	8.5	8.7
Michigan	68	76	75	75	76	74	74	8.7	8.6	8.2	8.1	8.3	8.2	8.2
Wisconsin	38	41	40	41	40	40	41	9.7	9.2	8.7	8.7	8.5	8.5	8.7
West North Central	**156**	**164**	**158**	**159**	**157**	**157**	**160**	**10.1**	**10.1**	**9.4**	**9.2**	**9.0**	**9.1**	**9.2**
Minnesota	32	34	33	33	33	33	34	9.3	8.9	8.3	8.2	8.0	8.1	8.2
Iowa	29	29	28	27	27	27	27	10.4	10.4	9.8	9.3	9.3	9.2	9.4
Missouri	48	52	49	50	48	49	50	11.2	11.1	10.2	10.1	9.8	9.9	10.1
North Dakota	5	6	5	6	5	6	6	8.6	9.1	8.6	8.6	8.0	8.5	8.6
South Dakota	7	7	6	7	7	7	7	9.7	9.9	9.5	9.5	9.5	9.4	9.4
Nebraska	14	15	15	14	15	15	15	10.0	10.1	9.5	9.2	9.2	9.2	9.3
Kansas	21	22	22	22	22	21	21	9.7	9.7	9.6	9.3	9.1	8.8	8.8
South Atlantic	**236**	**290**	**301**	**330**	**333**	**335**	**347**	**9.1**	**9.5**	**8.8**	**8.9**	**8.7**	**8.8**	**8.9**
Delaware	4	5	5	5	5	5	5	9.4	9.0	7.9	8.5	8.5	8.6	8.4
Maryland	28	33	32	34	34	33	35	9.0	8.4	7.7	8.1	8.0	7.8	8.0
District of Columbia	9	9	7	7	7	9	8	11.5	11.7	10.5	11.1	10.7	13.7	13.4
Virginia	34	39	40	43	42	41	43	8.7	8.4	7.8	8.0	7.6	7.5	7.8
West Virginia	18	20	20	19	19	19	19	9.7	11.5	10.6	9.9	9.7	9.8	9.8
North Carolina	38	45	46	48	49	49	51	8.4	8.8	8.3	8.2	8.1	8.1	8.3
South Carolina	21	23	23	25	25	24	25	8.7	8.8	8.1	8.1	7.8	7.5	7.8
Georgia	35	42	41	44	44	45	46	9.0	9.1	8.2	8.1	7.8	7.9	8.0
Florida	48	75	87	105	109	110	114	9.7	11.0	10.2	10.7	10.4	10.5	10.7
East South Central	**115**	**128**	**128**	**134**	**132**	**133**	**134**	**9.5**	**10.0**	**9.3**	**9.1**	**8.9**	**8.9**	**8.9**
Kentucky	30	33	33	34	33	33	34	9.9	10.3	9.6	9.2	8.9	8.8	9.0
Tennessee	33	38	39	41	40	43	42	9.2	9.7	9.1	8.9	8.7	9.2	9.0
Alabama	30	34	34	36	35	35	35	9.3	9.8	9.1	9.1	8.9	8.8	8.8
Mississippi	22	23	23	24	23	23	23	10.0	10.5	9.5	9.4	9.1	8.9	8.9
West South Central	**148**	**175**	**181**	**195**	**199**	**200**	**202**	**8.7**	**9.1**	**8.5**	**8.2**	**7.9**	**7.9**	**7.8**
Arkansas	18	21	22	23	22	22	23	10.0	10.7	10.1	9.9	9.7	9.7	9.9
Louisiana	30	33	34	36	36	36	36	9.1	9.2	8.7	8.5	8.2	8.3	8.1
Oklahoma	23	27	27	28	29	28	28	9.8	10.5	9.8	9.3	9.1	8.8	8.6
Texas	77	94	98	108	111	113	115	8.1	8.4	7.8	7.6	7.3	7.4	7.3
Mountain	**55**	**66**	**71**	**80**	**83**	**84**	**86**	**8.1**	**8.0**	**7.2**	**7.0**	**6.8**	**7.0**	**6.9**
Montana	7	7	7	7	7	7	7	9.7	9.5	8.7	8.5	8.2	8.1	8.2
Idaho	5	6	7	7	7	7	7	8.1	8.6	7.8	7.2	7.1	6.8	7.0
Wyoming	3	3	3	3	3	3	3	8.5	8.8	8.1	6.9	6.3	6.0	5.8
Colorado	15	17	17	19	20	20	20	8.7	7.9	6.7	6.6	6.4	6.6	6.4
New Mexico	7	7	8	9	9	9	10	6.9	7.3	6.9	7.0	6.8	6.7	7.1
Arizona	10	15	17	21	22	23	23	7.8	8.4	7.4	7.9	7.6	7.8	7.8
Utah	6	7	8	8	9	9	9	6.8	6.7	6.1	5.6	5.4	5.6	5.5
Nevada	3	4	4	6	6	7	7	8.9	7.9	7.2	7.4	7.3	7.9	7.8
Pacific	**184**	**221**	**227**	**247**	**249**	**251**	**248**	**8.7**	**8.3**	**7.9**	**7.8**	**7.5**	**7.6**	**7.4**
Washington	27	30	30	32	32	33	31	9.3	8.8	8.2	7.7	7.6	7.6	7.2
Oregon	17	20	20	22	22	22	22	9.5	9.3	8.7	8.3	8.1	8.1	8.1
California	136	166	171	187	188	189	188	8.6	8.3	7.9	7.9	7.6	7.7	7.5
Alaska	1	1	2	2	2	2	2	5.8	4.8	4.1	4.3	4.0	4.0	4.0
Hawaii	4	4	4	5	5	5	6	5.6	5.2	4.9	5.2	5.2	5.5	5.6

[1] Includes deaths of nonresidents.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 112. Infant, Maternal, and Neonatal Mortality Rates, and Fetal Mortality Ratios, by Race: 1950 to 1982

[**Deaths per 1,000 live births, except as noted.** Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of U.S. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series B 136-147]

ITEM	1950	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Infant deaths [1]	**29.2**	**26.0**	**24.7**	**20.0**	**16.7**	**16.1**	**15.2**	**14.1**	**13.8**	**13.1**	**12.6**	**11.9**	**11.5**
White	26.8	22.9	21.5	17.8	14.8	14.2	13.3	12.3	12.0	11.4	11.0	10.5	10.1
Black and other	44.5	43.2	40.3	30.9	24.9	24.2	23.5	21.7	21.1	19.8	19.1	17.8	17.3
Black	43.9	44.3	41.7	32.6	26.8	26.2	25.5	23.6	23.1	21.8	21.4	20.0	19.8
Maternal deaths [2]	**83.3**	**37.1**	**31.6**	**21.5**	**14.6**	**12.8**	**12.3**	**11.2**	**9.6**	**9.6**	**9.2**	**8.5**	**7.9**
White	61.1	26.0	21.0	14.4	10.0	9.1	9.0	7.7	6.4	6.4	6.7	6.3	5.8
Black and other	221.6	97.9	83.7	55.9	35.1	29.0	26.5	26.0	23.0	22.7	19.8	17.3	16.4
Black	223.0	103.6	88.3	59.8	38.3	31.3	29.5	29.2	25.0	25.1	21.5	20.4	18.2
Fetal deaths [3]	**19.2**	**18.1**	**16.2**	**14.2**	**11.5**	**10.7**	**10.5**	**9.9**	**9.7**	**9.4**	**9.2**	**9.0**	**8.9**
White	17.1	14.1	13.9	12.4	10.2	9.5	9.3	8.7	8.5	8.4	8.2	8.0	7.9
Black and other	32.5	26.8	27.2	22.6	17.0	16.0	15.2	14.6	14.7	13.8	13.4	12.8	12.7
Neonatal deaths [4]	**20.5**	**18.7**	**17.7**	**15.1**	**12.3**	**11.6**	**10.9**	**9.9**	**9.5**	**8.9**	**8.5**	**8.0**	**7.7**
White	19.4	17.2	16.1	13.8	11.1	10.4	9.7	8.7	8.4	7.9	7.5	7.1	6.8
Black and other	27.5	26.9	25.4	21.4	17.2	16.8	16.3	14.7	14.0	12.9	12.5	11.8	11.3
Black	27.8	27.8	26.5	22.8	18.7	18.3	17.9	16.1	15.5	14.3	14.1	13.4	13.1

[1] Represents deaths of infants under 1 year old, exclusive of fetal deaths.
[2] Per 100,000 live births from deliveries and complications of pregnancy, childbirth, and the puerperium. Beginning 1979 deaths are classified according to the ninth revision of the *International Classification of Diseases;* for the earlier years classified according to the revision in use at the time; see text, p. 53.
[3] Beginning 1970, includes only those deaths with stated or presumed period of gestation of 20 weeks or more; for prior years, includes gestational age not stated. [4] Represents deaths of infants under 28 days old, exclusive of fetal deaths.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 113. Infant Mortality Rates—States: 1970 and 1982

[**Deaths per 1,000 live births, by place of residence.** Represents deaths of infants under 1 year old, exclusive of fetal deaths. Excludes deaths of nonresidents of the United States. See Appendix III and *Historical Statistics, Colonial Times to 1970,* series B 143-147, for U.S. total by race]

DIVISION AND STATE	TOTAL [1]		WHITE		BLACK	
	1970	1982	1970	1982	1970	1982
U.S.	**20.0**	**11.5**	**17.8**	**10.1**	**32.6**	**19.6**
N. Eng.	**17.6**	**10.3**	**16.8**	**9.7**	**33.9**	**19.8**
ME	21.0	9.0	21.0	9.0	[2] 38.5	[2] 21.1
NH	18.0	11.0	18.0	11.0	[2] 28.6	[2] 29.7
VT	17.6	9.3	17.6	9.4	–	–
MA	16.8	10.1	16.0	9.6	36.0	18.6
RI	19.8	10.0	19.3	9.3	34.1	[2] 18.4
CT	17.1	11.1	15.5	9.8	32.3	21.1
Mid. Atl.	**19.7**	**11.9**	**17.3**	**10.3**	**32.7**	**19.2**
NY	19.4	12.1	16.9	10.6	31.6	18.1
NJ	19.9	11.7	16.9	9.6	33.0	20.4
PA	20.2	11.6	18.2	10.3	35.2	20.8
E. No. Cent.	**19.8**	**12.0**	**17.8**	**10.1**	**32.0**	**22.7**
OH	18.7	11.5	17.2	10.3	29.7	19.3
IN	19.4	11.4	18.5	10.4	28.6	20.2
IL	21.5	13.6	18.3	10.8	34.8	24.6
MI	20.5	12.1	18.6	9.8	31.0	24.6
WI	16.8	9.5	16.0	8.7	32.1	20.2
W. No. Cent.	**18.4**	**10.5**	**17.3**	**9.7**	**33.3**	**19.5**
MN	17.4	9.5	17.3	9.1	20.7	18.2
IA	16.7	10.2	16.3	10.0	35.9	21.3
MO	19.5	11.7	17.0	10.1	34.5	20.6
ND	14.3	10.6	14.3	9.8	–	[2] 15.5
SD	19.1	10.2	16.7	8.4	[2] 33.3	[2] 11.5
NE	19.4	10.0	18.5	9.6	36.6	16.3
KS	17.6	10.4	16.7	9.9	30.8	17.7
So. Atl.	**22.1**	**13.2**	**18.0**	**10.3**	**33.1**	**20.4**
DE	19.6	14.1	16.3	11.2	31.5	23.9
MD	19.4	11.9	16.4	8.9	30.0	19.3
DC	29.1	21.2	26.3	[2] 7.5	30.0	24.1
So. Atl.—Con.						
VA	20.6	12.8	17.0	10.7	34.1	20.1
WV	23.0	11.4	22.8	11.4	30.1	[2] 14.2
NC	24.3	13.7	19.3	10.8	36.7	20.6
SC	22.9	16.1	18.2	11.9	31.3	22.7
GA	22.1	12.7	17.2	9.6	33.2	18.2
FL	21.5	12.8	17.8	10.1	33.7	21.1
E. So. Cent.	**23.1**	**13.2**	**18.7**	**10.6**	**35.6**	**20.1**
KY	19.6	12.0	18.8	11.4	28.6	18.3
TN	21.3	12.0	18.8	10.1	30.7	19.3
AL	24.3	13.8	18.6	10.3	36.4	20.4
MS	28.5	15.4	18.7	10.4	39.6	20.8
W. So. Cent.	**22.0**	**11.3**	**19.6**	**10.1**	**32.4**	**17.6**
AR	21.6	10.1	18.3	8.0	31.3	16.9
LA	24.5	13.0	19.8	9.4	32.3	19.2
OK	21.3	12.3	20.3	12.3	34.5	16.8
TX	21.4	10.9	19.6	10.0	32.5	16.6
Mt.	**18.9**	**10.0**	**18.1**	**9.9**	**30.2**	**13.1**
MT	21.5	10.1	21.2	10.2	[2] 20.8	[2] 14.5
ID	17.1	9.9	17.3	10.2	–	[2] 9.1
WY	20.0	9.8	19.6	9.9	[2] 76.9	[2] 18.5
CO	19.9	9.1	19.7	9.1	24.5	12.4
NM	21.0	11.3	19.5	11.2	42.3	[2] 12.3
AZ	17.7	9.3	16.0	9.1	25.0	9.6
UT	14.9	11.0	14.9	11.0	[2] 10.3	[2] 25.2
NV	24.0	10.2	22.2	9.7	45.2	18.5
Pac.	**17.4**	**10.0**	**16.7**	**9.8**	**27.4**	**15.9**
WA	18.7	10.6	18.1	10.5	33.8	16.9
OR	15.9	10.5	16.0	10.4	[2] 20.1	[2] 13.3
CA	17.2	9.9	16.5	9.6	27.1	15.9
AK	22.6	11.1	20.3	9.5	[2] 48.5	[2] 18.0
HI	18.6	8.8	17.8	8.9	[2] 17.5	[2] 15.9

– Represents zero. [1] Includes other races, not shown separately. [2] Based on a frequency of less than 20 deaths.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 114. Death Rates, 1960 to 1982, and Deaths, 1970 to 1982, From Selected Causes

[Beginning 1970, excludes deaths of nonresidents of the U.S. For explanation of age-adjustment, see text, p. 53. The standard population for this table is the total population of the United States enumerated in 1940. Beginning 1979, deaths classified according to ninth revision of *International Classification of Diseases;* for earlier years, classified according to revision in use at that time. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series B149–166]

CAUSE OF DEATH	CRUDE DEATH RATE PER 100,000 POPULATION [1]					AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION [1]			DEATHS (1,000)		
	1960	1970	1980	1981	1982	1970	1980	1982	1970	1980	1982
All causes	**954.7**	**945.3**	**878.3**	**862.4**	**852.0**	**714.3**	**585.8**	**553.8**	**1,921.0**	**1,989.8**	**1,974.8**
Major cardiovascular diseases	515.1	496.0	436.4	424.2	417.6	340.1	256.0	238.3	1,008.0	988.5	967.9
Diseases of heart	369.0	362.0	336.0	328.7	326.0	253.6	202.0	190.5	735.5	761.1	755.6
Percent of total	38.7	38.3	38.3	38.1	38.3	35.5	34.5	34.4	38.3	38.2	38.3
Rheumatic fever and rheumatic heart disease	10.3	7.3	3.5	3.2	3.0	6.3	2.6	2.2	14.9	7.8	7.1
Hypertensive heart disease [2]	37.0	7.4	10.9	10.6	10.3	4.9	6.8	6.3	15.0	24.8	23.8
Ischemic heart disease	296.9	328.1	249.7	242.1	238.5	228.1	149.8	139.3	666.7	565.8	552.8
Other diseases of endocardium	24.9	3.3	3.2	3.2	3.4	2.3	2.0	2.0	6.7	7.2	7.8
All other forms of heart disease		15.9	66.7	69.7	70.8	12.0	40.8	40.8	32.3	155.5	164.2
Hypertension [2]	7.1	4.1	3.5	3.3	3.3	2.9	2.0	1.8	8.3	7.8	7.6
Cerebrovascular diseases	108.0	101.9	75.1	71.3	68.0	66.3	40.8	35.8	207.2	170.2	157.7
Atherosclerosis	20.0	15.6	13.0	12.2	11.6	8.4	5.7	4.8	31.7	29.4	26.8
Other	11.0	12.5	8.8	8.7	8.7	8.8	5.5	5.3	25.3	20.0	20.2
Malignancies [3]	149.2	162.8	183.9	184.0	187.2	129.9	132.8	132.5	330.7	416.5	433.8
Percent of total	15.6	17.2	20.9	21.3	22.0	18.2	22.7	23.9	17.2	20.9	22.0
Of digestive organs and peritoneum	50.8	46.6	48.8	48.5	48.6	35.2	33.0	32.2	94.7	110.6	112.6
Of respiratory and intrathoracic organs	22.2	34.2	47.9	48.5	50.2	28.4	36.4	37.5	69.5	108.5	116.4
Of breast	13.4	14.7	15.8	16.0	16.3	12.6	12.5	12.5	29.9	35.9	37.7
Of genital organs	21.6	20.3	20.5	20.4	20.5	15.6	13.6	13.2	41.2	46.4	47.5
Accidents and adverse effects	52.3	56.4	46.7	43.9	40.6	53.7	42.3	36.6	114.6	105.7	94.1
Motor vehicle	21.3	26.9	23.5	22.4	19.8	27.4	22.9	19.3	54.6	53.2	45.8
Falls	10.6	8.3	5.9	5.5	5.2	5.7	3.6	3.1	16.9	13.3	12.1
Drowning	2.9	3.1	2.7	2.3	2.3	3.1	2.7	2.3	6.4	6.0	5.3
All other	17.5	18.1	14.7	13.7	13.4	17.5	13.2	11.9	36.7	33.2	31.0
Chronic obstructive pulmonary diseases and allied conditions [4]	9.9	15.2	24.7	25.7	25.8	11.6	15.9	16.2	30.9	56.1	59.9
Bronchitis, chronic and unspecified	1.8	2.9	1.6	1.6	1.5	2.1	1.0	.9	5.8	3.7	3.5
Emphysema	5.2	11.2	6.1	5.8	5.5	8.4	4.0	3.5	22.7	13.9	12.8
Asthma	3.0	1.1	1.3	1.3	1.4	1.0	1.0	1.0	2.3	2.9	3.2
Other	(5)	(5)	15.7	16.9	17.4	(5)	9.9	10.7	(5)	35.6	40.4
Pneumonia and influenza	[6] 37.3	30.9	24.1	23.4	21.1	22.1	12.9	10.9	62.7	54.6	48.9
Pneumonia	[6] 32.9	29.0	22.9	22.1	20.8	20.8	12.4	10.7	59.0	51.9	48.2
Influenza	4.4	1.8	1.2	1.3	.3	1.3	.5	.1	3.7	2.7	.7
Diabetes mellitus	16.7	18.9	15.4	15.1	14.9	14.1	10.1	9.6	38.3	34.9	34.6
Suicide	10.6	11.6	11.9	12.0	12.2	11.8	11.4	11.6	23.5	26.9	28.2
Chronic liver disease and cirrhosis	11.3	15.5	13.5	12.8	11.9	14.7	12.2	10.5	31.4	30.6	27.7
Homicide and legal intervention	4.7	8.3	10.7	10.3	9.6	9.1	10.8	9.7	16.8	24.3	22.4
Certain conditions originating in the perinatal period	37.4	21.3	10.1	9.4	9.0	(X)	(X)	(X)	43.2	22.9	20.8
Nephritis, nephrotic syndrome, and nephrosis	7.6	4.4	7.4	7.5	7.8	3.5	4.5	4.5	8.9	16.8	18.1
Congenital anomalies	12.2	8.3	6.2	5.9	5.9	(X)	(X)	(X)	16.8	13.9	13.6
Septicemia	1.1	1.7	4.2	4.6	5.0	1.4	2.6	3.0	3.5	9.4	11.5
Ulcer of stomach and duodenum	6.3	4.2	2.7	2.8	2.9	3.2	1.7	1.7	8.6	6.1	6.7
Benign neoplasms [7]	2.7	2.4	2.7	2.7	2.8	2.0	2.0	1.9	4.8	6.2	6.5
Other infective and parasitic diseases	4.3	3.4	2.2	2.3	2.3	2.8	1.8	1.9	6.9	5.1	5.4
Hernia of abdominal cavity and intestinal obstruction [8]	5.1	3.6	2.4	2.3	2.2	2.6	1.4	1.2	7.2	5.4	5.1
Anemias	1.9	1.7	1.4	1.4	1.4	1.3	.9	.9	3.4	3.2	3.3
Cholelithiasis and other disorders of gallbladder	2.6	2.0	1.5	1.3	1.3	1.3	.8	.7	4.0	3.3	2.9
Infections of kidney	4.3	4.0	1.2	1.0	1.0	2.8	.7	.5	8.2	2.7	2.2
Nutritional deficiencies	(5)	1.2	1.0	1.0	1.0	.8	.5	.5	2.5	2.4	2.4
Tuberculosis	6.1	2.6	.9	.8	.8	2.2	.6	.6	5.2	2.0	1.8
Meningitis	1.3	.8	.6	.6	.6	.8	.6	.5	1.7	1.4	1.3
Hyperplasia of prostate	*2.5*	*1.1*	*.3*	*.3*	*.3*	*.6*	*.2*	*.1*	*2.2*	*.8*	*.7*
Acute bronchitis and bronchiolitis	.7	.6	.3	.2	.2	.5	.2	.1	1.3	.6	.5
Viral hepatitis	.5	.5	.4	.4	.4	.5	.3	.3	1.0	.8	.8
Symptoms, signs, and ill-defined conditions	11.4	12.7	12.7	12.9	12.9	10.4	9.8	9.8	25.8	28.8	29.8
All other causes	39.7	53.5	53.0	53.3	53.5	44.0	36.8	35.4	108.8	120.0	124.1

X Not applicable.
[1] Based on resident population enumerated as of Apr. 1 for 1960, 1970, and 1980 and estimated as of July 1 for other years. [2] With or without renal disease. [3] Includes other types of malignancies not shown separately. [4] Prior to 1980, data are shown for bronchitis, emphysema, and asthma. [5] Included in "all other causes." Comparable data not available separately. [6] Excludes pneumonia of newborn. [7] Includes neoplasms of unspecified nature; beginning 1980 also includes carcinoma in situ. [8] Without mention of hernia.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 115. Death Rates by Selected Causes and Selected Characteristics: 1960 to 1982

[Deaths per 100,000 population in specified group. See headnote, table 114]

Year and characteristic	Total [1]	Diseases of heart	Malignant neoplasms	Accidents and adverse effects	Cerebrovascular diseases	Pneumonia, flu	Suicide	Chronic liver disease, cirrhosis	Diabetes mellitus	Atherosclerosis
ALL RACES [2]										
Both sexes:										
1960, age-adjusted	760.9	286.2	125.8	49.9	79.7	28.0	10.6	10.5	13.6	13.2
1970, age-adjusted	714.3	253.6	129.9	53.7	66.3	22.1	11.8	14.7	14.1	8.4
1980, age-adjusted	585.8	202.0	132.8	42.3	40.8	12.9	11.4	12.2	10.1	5.7
1982, age-adjusted [3]	553.8	190.5	132.5	36.6	35.8	10.9	11.6	10.5	9.6	4.8
15–24 years old	101.0	2.7	5.9	51.2	.7	.7	12.1	.2	.3	-
25–34 years old	125.2	8.2	13.2	40.5	2.4	1.4	16.0	3.1	1.4	-
35–44 years old	207.4	40.7	46.2	32.7	7.7	2.8	15.3	10.7	3.3	.1
45–54 years old	549.7	169.4	176.0	34.2	23.7	6.5	16.6	25.4	9.2	1.0
55–64 years old	1,297.9	466.7	439.7	37.3	58.9	16.4	16.9	36.9	25.5	4.5
65–74 years old	2,885.2	1,156.4	824.9	50.9	193.5	47.6	17.4	40.1	60.1	20.6
75–84 years old	6,329.8	2,801.4	1,238.7	103.9	675.1	183.4	20.3	31.1	125.4	102.9
85 years old and over	15,048.3	7,341.8	1,598.6	255.9	2,000.8	747.8	17.6	17.9	212.1	563.0
Male: 1960, age-adjusted	949.3	375.5	143.0	73.9	85.4	35.0	16.6	14.5	12.0	14.8
1970, age-adjusted	931.6	348.5	157.4	80.7	73.2	28.8	17.3	20.2	13.5	9.5
1980, age-adjusted	777.2	280.4	165.5	64.0	44.9	17.4	18.0	17.1	10.2	6.6
1982, age-adjusted [3]	733.1	264.4	164.8	55.2	39.2	15.2	18.3	14.9	9.8	5.7
15–24 years old	149.2	3.3	6.8	80.2	.7	.9	19.8	.2	.3	-
25–34 years old	180.6	11.4	12.9	65.6	2.5	1.8	25.2	4.2	1.5	-
35–44 years old	272.6	62.5	41.9	51.4	7.8	3.5	22.5	15.1	3.9	.2
45–54 years old	720.4	265.3	184.7	52.5	25.5	8.8	24.1	36.1	10.0	1.4
55–64 years old	1,736.1	705.6	522.4	56.2	67.3	22.7	26.2	52.0	26.0	6.1
65–74 years old	3,929.2	1,639.2	1,093.2	72.1	228.2	68.8	31.1	58.2	60.8	27.4
75–84 years old	8,391.4	3,612.4	1,797.6	143.9	736.7	268.4	45.1	44.2	125.6	122.3
85 years old and over	17,782.0	8,221.3	2,409.7	340.2	1,908.0	1,018.4	50.2	28.5	191.8	568.7
Female: 1960, age-adjusted	590.6	205.7	111.2	26.8	74.7	21.8	5.0	6.9	15.0	11.8
1970, age-adjusted	532.5	175.2	108.8	28.2	60.8	16.7	6.8	9.8	14.4	7.5
1980, age-adjusted	432.6	140.3	109.2	21.8	37.6	9.8	5.4	7.9	10.0	5.0
1982, age-adjusted [3]	411.2	132.5	109.5	18.9	33.2	8.0	5.4	6.7	9.3	4.2
15–24 years old	51.6	2.1	5.0	21.7	.7	.6	4.2	.2	.3	-
25–34 years old	70.4	5.0	13.4	15.7	2.3	1.1	7.0	1.9	1.2	-
35–44 years old	144.4	19.7	50.4	14.7	7.6	2.0	8.4	6.4	2.7	.1
45–54 years old	389.9	79.6	167.9	17.0	22.1	4.4	9.5	15.4	8.4	.6
55–64 years old	913.9	260.9	367.2	20.8	51.6	10.8	8.8	23.6	25.1	3.1
65–74 years old	2,084.7	786.2	619.2	34.7	167.0	31.2	6.9	26.2	59.6	15.4
75–84 years old	5,120.7	2,325.8	910.7	80.4	639.0	133.6	5.8	23.5	125.3	91.6
85 years old and over	13,895.2	6,970.8	1,256.5	220.4	2,039.9	633.7	3.9	13.5	220.7	560.6
WHITE										
Both sexes:										
1960, age-adjusted	727.0	281.5	124.2	47.6	74.2	24.6	11.1	10.3	12.8	13.1
1970, age-adjusted	679.6	249.1	127.8	51.0	61.8	19.8	12.4	13.4	12.9	8.4
1980, age-adjusted	559.4	197.6	129.6	41.5	38.0	12.2	12.1	11.0	9.1	5.6
1982, age-adjusted	531.8	186.8	129.4	36.1	33.4	10.3	12.4	9.8	8.7	4.8
Male: 1960, age-adjusted	917.7	375.4	141.6	70.6	80.3	31.0	17.5	14.4	11.6	14.7
1970, age-adjusted	893.4	347.6	154.3	76.2	68.8	26.0	18.2	18.8	12.7	9.6
1980, age-adjusted	745.3	277.5	160.5	62.3	41.9	16.2	18.9	15.7	9.5	6.5
1982, age-adjusted	706.0	262.1	159.4	54.1	36.6	14.3	19.4	14.1	9.2	5.7
Female: 1960, age-adjusted	555.0	197.1	109.5	25.4	68.7	19.0	5.3	6.6	13.7	11.7
1970, age-adjusted	501.7	167.8	107.6	27.2	56.2	15.0	7.2	8.7	12.8	7.5
1980, age-adjusted	411.1	134.6	107.7	21.4	35.2	9.4	5.7	7.0	8.7	5.0
1982, age-adjusted	393.3	127.4	108.2	18.7	31.0	7.8	5.8	6.1	8.3	4.2
BLACK										
Both sexes:										
1960, age-adjusted	1,073.3	334.5	142.3	66.4	140.2	56.4	4.7	11.7	22.0	14.2
1970, age-adjusted	1,044.0	307.6	156.7	74.4	114.5	40.4	6.1	24.8	26.5	8.8
1980, age-adjusted	842.5	255.7	172.1	51.2	68.5	19.2	6.4	21.6	20.3	6.4
1982, age-adjusted	778.7	239.0	173.2	42.5	60.8	15.6	6.2	16.5	18.3	5.0
Male: 1960, age-adjusted	1,246.1	381.2	158.5	100.0	141.2	70.2	7.8	14.8	16.2	15.9
1970, age-adjusted	1,318.6	375.9	198.0	119.5	122.5	53.8	9.9	33.1	21.2	9.8
1980, age-adjusted	1,112.8	327.3	229.9	82.0	77.5	28.0	11.1	30.6	17.7	7.5
1982, age-adjusted	1,035.0	309.4	235.2	68.3	68.9	23.2	10.8	23.5	16.1	6.0
Female: 1960, age-adjusted	916.9	292.6	127.8	35.9	139.5	43.9	1.9	8.9	27.3	12.6
1970, age-adjusted	814.4	251.7	123.5	35.3	107.9	29.2	2.9	17.8	30.9	8.0
1980, age-adjusted	631.1	201.1	129.7	25.1	61.7	12.7	2.4	14.4	22.1	5.6
1982, age-adjusted	581.4	186.3	128.7	20.8	54.7	10.1	2.2	10.9	19.8	4.4

- Represents zero. [1] Includes other causes, not shown separately. [2] Includes other races, not shown separately.
[3] Includes persons under 15 years old, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

NO. 116. DEATH RATES, BY CAUSE—STATES: 1982

[**Deaths per 100,000 resident population estimated as of July 1.** By place of residence. Excludes nonresidents of U.S. Causes of death classified according to ninth revision of *International Classification of Diseases*]

REGION, DIVISION, AND STATE	Diseases of heart	Malignant neoplasms	Cerebrovascular diseases	Accidents and adverse effects	Chronic obstructive pulmonary diseases [1]	Pneumonia, flu	Diabetes mellitus	Suicide	Chronic liver disease and cirrhosis	Atherosclerosis	Homicide and legal intervention
U.S.	**326.0**	**187.2**	**68.0**	**40.6**	**25.8**	**21.1**	**14.9**	**12.2**	**11.9**	**11.6**	**9.6**
Region:											
Northeast	393.1	214.7	65.6	32.9	25.1	23.5	17.8	9.1	14.5	11.2	7.7
Midwest	345.7	191.0	71.7	36.0	26.0	21.6	16.0	11.3	10.3	13.8	7.2
South	308.6	181.5	72.6	47.3	24.9	19.1	14.4	12.9	10.4	10.7	12.9
West	257.1	162.0	58.0	43.4	28.1	21.4	11.3	15.4	14.0	10.5	9.3
New England	**354.4**	**211.9**	**66.3**	**33.4**	**26.1**	**25.2**	**16.7**	**9.9**	**12.7**	**12.4**	**4.0**
Maine	362.1	213.8	70.3	37.7	33.6	21.1	15.6	13.0	14.5	16.4	1.8
New Hampshire	306.6	182.2	61.4	35.9	29.6	20.1	17.6	11.7	10.4	14.1	2.0
Vermont	340.2	188.1	65.8	41.3	33.1	24.0	15.6	16.0	13.1	12.1	1.9
Massachusetts	368.6	219.0	66.8	31.1	24.9	29.7	16.0	9.4	13.0	12.1	4.3
Rhode Island	387.6	231.5	61.8	28.6	27.4	17.7	26.2	11.3	13.4	11.5	3.9
Connecticut	332.1	205.1	67.0	35.3	23.2	22.4	15.4	7.7	11.7	11.3	5.4
Middle Atlantic	**406.2**	**215.6**	**65.3**	**32.7**	**24.8**	**22.9**	**18.2**	**8.8**	**15.1**	**10.9**	**9.0**
New York	415.6	209.9	61.6	31.5	23.9	26.0	17.1	7.6	17.7	9.7	11.7
New Jersey	379.2	216.3	63.3	32.2	23.3	19.9	17.3	7.8	14.2	9.7	7.2
Pennsylvania	409.2	223.6	72.2	34.9	27.0	20.1	20.4	11.3	12.0	13.3	6.1
East North Central	**345.3**	**190.7**	**68.3**	**34.0**	**24.9**	**19.5**	**16.4**	**11.2**	**11.2**	**13.1**	**8.0**
Ohio	349.8	198.8	68.4	33.2	27.4	18.0	18.9	11.9	10.2	12.0	6.6
Indiana	330.4	184.6	76.1	37.7	27.2	18.6	17.2	11.4	8.4	17.1	6.4
Illinois	359.2	193.2	66.9	32.9	22.9	21.3	15.3	9.5	12.5	11.1	10.1
Michigan	330.7	182.3	64.2	34.3	24.2	18.7	14.8	12.1	13.7	14.1	10.3
Wisconsin	347.2	189.4	70.4	33.8	22.5	21.2	15.7	12.3	8.7	14.1	3.3
West North Central	**346.6**	**191.7**	**79.7**	**40.7**	**28.6**	**26.5**	**15.0**	**11.4**	**8.4**	**15.4**	**5.3**
Minnesota	298.0	174.0	73.1	35.7	23.4	25.6	13.5	11.4	8.1	14.4	2.4
Iowa	372.1	199.1	83.5	38.6	31.2	28.3	16.6	10.6	7.9	19.3	2.4
Missouri	369.4	211.1	81.2	42.2	29.8	25.7	15.3	11.8	9.6	12.7	10.5
North Dakota	301.9	173.7	71.7	48.2	18.2	25.9	14.9	10.9	7.4	13.8	1.0
South Dakota	387.8	182.1	82.1	53.0	30.7	32.4	12.8	13.7	7.2	12.7	4.6
Nebraska	359.7	187.4	85.7	40.8	31.6	28.3	13.5	10.3	7.8	20.2	2.5
Kansas	344.5	183.9	81.0	42.9	32.3	24.9	16.9	11.5	7.8	16.1	6.1
South Atlantic	**322.0**	**193.9**	**72.7**	**43.7**	**26.2**	**19.1**	**14.7**	**13.7**	**12.2**	**10.4**	**11.8**
Delaware	330.5	202.8	50.5	38.8	25.3	16.0	25.0	12.7	10.5	10.3	5.5
Maryland	294.7	195.0	52.7	35.2	23.4	15.8	16.1	10.1	9.6	8.2	9.8
District of Columbia	338.3	246.5	67.1	36.7	21.4	24.8	18.5	11.8	32.3	25.7	34.0
Virginia	282.2	174.4	63.0	37.4	22.4	20.3	11.4	13.9	9.2	10.5	8.1
West Virginia	403.7	199.6	73.1	46.7	35.2	20.1	18.4	11.7	10.0	12.6	6.8
North Carolina	296.5	169.2	76.3	45.4	22.6	19.8	13.1	13.3	10.2	8.6	10.5
South Carolina	281.6	156.9	73.5	47.8	19.6	19.2	14.8	11.4	9.0	8.3	11.8
Georgia	276.9	157.9	75.3	48.2	22.6	20.5	13.2	13.2	10.4	7.8	14.1
Florida	368.8	244.0	83.9	46.0	34.0	18.3	16.1	17.0	17.2	13.0	14.0
East South Central	**321.9**	**185.9**	**82.7**	**49.4**	**26.4**	**20.0**	**14.4**	**11.7**	**8.5**	**10.2**	**11.6**
Kentucky	341.5	194.7	78.8	48.8	29.8	22.9	15.9	13.5	9.1	10.3	8.5
Tennessee	319.7	185.6	84.8	45.0	27.0	20.8	12.0	12.6	8.3	11.6	10.4
Alabama	307.4	185.8	84.3	48.9	25.5	16.8	16.1	10.9	9.1	9.0	13.0
Mississippi	320.2	173.9	81.9	59.3	21.7	19.5	14.0	8.7	7.1	9.3	16.1
West South Central	**280.3**	**159.9**	**66.6**	**51.4**	**21.9**	**18.5**	**13.8**	**12.5**	**8.7**	**11.4**	**15.4**
Arkansas	362.1	202.1	94.9	51.0	29.0	22.7	15.0	12.0	8.7	13.2	10.1
Louisiana	297.3	168.1	67.4	52.3	18.6	15.8	17.8	12.5	8.3	16.7	16.7
Oklahoma	339.8	182.4	78.6	62.5	27.6	24.5	15.3	14.1	9.6	11.8	11.1
Texas	250.7	146.5	59.5	48.9	20.7	17.4	12.1	12.2	8.7	9.6	16.7
Mountain	**227.1**	**138.5**	**46.7**	**50.2**	**30.0**	**20.1**	**12.0**	**17.4**	**11.0**	**9.2**	**7.3**
Montana	278.6	170.7	65.3	59.0	33.4	25.1	14.4	15.7	11.1	15.8	4.2
Idaho	247.0	140.4	58.9	51.5	29.9	22.3	12.4	14.1	9.2	9.5	3.2
Wyoming	210.8	112.2	39.9	67.6	27.7	18.5	9.2	18.9	9.2	7.1	6.7
Colorado	216.3	125.1	43.0	44.7	29.9	22.8	9.6	16.4	9.5	11.3	6.5
New Mexico	173.5	137.2	42.1	62.3	28.7	17.8	17.5	19.8	13.1	6.3	9.7
Arizona	263.0	165.6	48.1	48.3	36.3	21.2	12.6	17.6	13.1	9.3	9.1
Utah	188.4	93.7	41.4	39.3	17.6	14.5	11.1	12.9	7.3	5.5	4.2
Nevada	239.2	162.3	44.7	57.3	32.3	13.7	11.1	29.0	15.4	7.1	13.2
Pacific	**268.1**	**170.6**	**62.1**	**40.9**	**27.4**	**21.8**	**11.0**	**14.7**	**15.0**	**11.0**	**10.1**
Washington	273.3	171.0	62.0	41.4	31.1	21.2	13.0	13.4	10.9	10.9	4.9
Oregon	286.1	179.4	70.5	41.6	33.8	23.1	11.2	14.7	10.4	17.5	5.5
California	272.5	173.0	63.1	40.3	26.9	22.2	10.7	15.2	16.7	10.8	11.7
Alaska	87.8	76.1	20.5	85.8	8.3	12.4	3.4	12.2	11.0	2.0	12.4
Hawaii	168.1	125.8	36.9	32.5	16.0	16.8	12.7	9.7	6.2	4.4	2.9

[1] Includes allied conditions.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 117. Death Rates From Heart Disease, by Sex, Age, and Selected Type: 1960 to 1982

[Deaths per 100,000 population in specified age groups. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years classified according to the revision in use at the time; see text, p. 53. Beginning 1970, excludes deaths of nonresidents of the United States. See Appendix III]

AGE AT DEATH AND SELECTED TYPE OF HEART DISEASE	MALE					FEMALE				
	1960	1970	1980	1981	1982	1960	1970	1980	1981	1982
Total U.S. rate[1]	**439.5**	**422.5**	**368.6**	**359.4**	**353.9**	**300.6**	**304.5**	**305.1**	**299.7**	**299.8**
25–44 years	67.6	57.3	34.6	33.7	32.6	25.2	19.5	11.9	11.6	11.1
45–54 years	420.4	376.4	282.6	277.7	265.3	127.5	109.9	84.5	84.1	79.6
55–64 years	1,066.9	987.2	746.8	725.6	705.6	429.4	351.6	272.1	267.4	260.9
65 years old and over	3,314.7	3,258.0	2,778.6	2,683.3	2,638.8	2,415.6	2,268.2	2,027.5	1,958.4	1,945.4
Persons 45–54 years old:										
Ischemic heart	347.1	338.0	217.3	210.0	201.0	72.4	84.0	52.2	52.1	49.5
Rheumatic heart	19.9	11.4	3.1	2.6	2.3	19.5	10.6	4.3	3.6	2.9
Hypertensive heart[2]	23.9	4.6	8.3	9.2	8.7	21.5	4.0	5.4	5.4	4.9
Persons 55–64 years old:										
Ischemic heart	885.2	904.6	581.1	559.8	541.1	295.6	299.1	189.0	184.6	179.2
Rheumatic heart	29.0	21.5	6.2	5.6	5.6	28.4	20.8	9.2	8.2	7.6
Hypertensive heart[2]	71.2	11.7	21.8	21.0	20.2	63.9	9.1	13.3	13.3	12.4
Persons 65 years old and over:										
Ischemic heart	2,586.4	3,022.5	2,140.5	2,047.4	2,002.0	1,691.2	2,071.5	1,477.9	1,413.8	1,392.0
Rheumatic heart	32.9	32.9	13.7	13.1	11.8	34.8	32.3	21.5	20.5	20.0
Hypertensive heart[2]	268.5	54.9	66.2	63.8	61.7	321.2	60.0	78.8	72.5	71.1

[1] Includes persons under 25 years old, not shown separately. [2] With or without renal disease.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 118. Death Rates From Cancer, by Sex, Age, and Selected Type: 1960 to 1982

[Deaths per 100,000 population in the specified age groups. See headnote, table 117]

AGE AT DEATH AND SELECTED TYPE OF CANCER	MALE						FEMALE					
	1960	1970	1975	1980	1981	1982	1960	1970	1975	1980	1981	1982
Total U.S. rate[1]	**162.5**	**182.1**	**190.2**	**205.3**	**204.5**	**207.6**	**136.4**	**144.4**	**150.3**	**163.6**	**164.7**	**167.8**
25–44 years	34.2	33.9	28.4	25.8	24.9	24.9	45.8	40.3	33.1	30.1	28.9	28.9
45–54 years	170.8	183.5	186.1	188.7	187.3	184.7	183.0	181.5	176.2	171.8	169.6	167.9
55–64 years	459.9	511.8	508.3	520.8	518.1	522.4	337.7	343.2	351.0	361.7	361.7	367.2
65 years old and over	1,068.2	1,221.2	1,288.6	1,371.6	1,359.7	1,380.8	709.1	708.3	714.2	767.8	769.6	781.7
Persons, 45–54 years old:												
Respiratory, intrathoracic	54.7	72.1	78.5	79.8	80.4	78.1	10.1	22.2	28.0	34.8	34.4	35.3
Digestive organs, peritoneum	53.2	45.9	45.0	44.3	43.6	43.0	38.9	32.5	29.6	27.8	27.8	27.1
Breast	.2	.4	.2	.2	.2	.1	51.4	52.6	50.2	48.1	48.1	47.2
Genital organs	4.0	3.4	3.3	3.4	3.5	3.3	44.8	34.4	29.8	24.1	23.0	22.0
Lymphatic and hematopoietic tissues, excl. leukemia	11.6	12.8	11.1	10.2	10.0	10.8	7.1	8.3	7.4	6.6	6.2	6.9
Urinary organs	8.3	8.0	8.1	7.4	7.6	8.2	3.5	3.5	3.3	3.3	3.0	3.1
Lip, oral cavity, and pharynx	7.9	7.9	8.2	8.2	7.8	7.4	2.8	2.8	3.0	2.6	2.4	2.6
Leukemia	7.2	6.6	5.9	6.4	5.7	5.9	5.3	4.9	4.4	4.4	4.5	4.3
Persons, 55–64 years old:												
Respiratory, intrathoracic	150.2	202.3	212.5	223.8	222.9	227.3	17.0	38.9	57.2	74.5	78.4	83.8
Digestive organs, peritoneum	153.7	139.0	128.5	129.3	129.3	128.2	102.2	86.0	81.9	79.1	76.5	77.0
Breast	1.0	.6	.8	.7	.6	.5	70.8	77.6	77.7	80.5	79.1	80.2
Genital organs	23.5	22.8	23.1	23.5	23.3	24.0	73.0	58.2	52.0	46.8	47.0	45.3
Lymphatic and hematopoietic tissues, excl. leukemia	23.1	27.1	26.5	24.4	23.5	23.9	15.7	17.7	17.1	16.8	16.7	16.3
Urinary organs	25.9	26.4	24.6	22.9	22.8	22.5	9.3	9.4	8.8	8.9	8.2	8.6
Lip, oral cavity, and pharynx	16.3	20.1	18.7	17.9	17.5	17.4	3.8	6.2	6.6	6.0	6.4	5.9
Leukemia	16.1	15.4	14.8	14.7	14.8	14.1	10.6	9.0	8.5	9.3	8.5	8.3
Persons, 65 years old and over:												
Respiratory, intrathoracic	208.4	336.5	390.4	444.6	444.8	457.4	30.4	49.9	67.9	102.5	106.0	114.0
Digestive organs, peritoneum	412.0	374.0	366.1	371.1	366.0	364.4	301.0	262.0	248.1	256.1	251.6	250.0
Breast	1.4	1.9	1.6	1.4	1.6	1.8	107.9	109.7	111.8	116.1	118.7	120.5
Genital organs	169.4	181.6	186.8	198.8	197.6	199.4	106.1	93.5	86.9	85.0	82.8	83.4
Lymphatic and hematopoietic tissues, excl. leukemia	39.6	57.7	60.0	59.9	58.8	62.4	26.5	39.9	42.0	44.8	45.2	46.8
Urinary organs	71.5	80.5	80.7	80.3	77.8	79.4	31.3	30.9	29.6	29.8	30.6	30.0
Lip, oral cavity, and pharynx	31.9	30.9	30.0	28.1	27.9	27.7	8.6	9.1	9.4	10.2	9.9	9.8
Leukemia	41.6	47.9	49.4	50.8	50.1	51.0	25.6	28.4	27.0	29.3	28.7	29.6

[1] Includes persons under 25 years of age and malignant neoplasms of other and unspecified sites, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

NO. 119. DEATH RATES FROM ACCIDENTS AND VIOLENCE: 1960 TO 1982

[**Deaths per 100,000 population.** Beginning 1970, excludes deaths of nonresidents of the U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years classified according to the revision in use at the time; see text, p. 53 and Appendix III]

SEX, CAUSE OF DEATH, AND AGE	WHITE						BLACK					
	1960	1970	1975	1980	1981	1982	1960	1970	1975	1980	1981	1982
Male, total [1]	**91.3**	**101.9**	**95.8**	**97.1**	**93.4**	**88.1**	**137.1**	**183.2**	**163.2**	**154.0**	**145.2**	**133.8**
Motor vehicle accidents	31.5	39.1	31.8	35.9	34.5	30.1	33.2	44.3	32.4	31.1	28.8	25.9
All other accidents	38.6	38.2	35.1	30.4	28.6	27.8	60.8	63.3	51.8	46.0	41.4	38.7
Suicide	17.6	18.0	19.9	19.9	20.0	20.7	6.4	8.0	9.9	10.3	10.2	10.1
Homicide	3.6	6.8	9.0	10.9	10.4	9.6	36.7	67.6	69.0	66.6	64.8	59.1
15–24 years	105.2	130.7	127.8	138.6	128.0	119.6	144.2	234.3	179.7	162.0	146.6	134.9
25–44 years	88.5	107.1	102.3	108.4	106.4	98.2	205.6	301.1	273.5	241.9	229.3	208.5
45–64 years	118.6	121.4	103.7	91.6	90.2	86.0	188.4	249.7	217.6	198.8	187.5	168.7
65 years and over	223.5	216.9	183.3	163.9	155.3	151.3	190.1	220.0	200.4	215.8	203.1	191.5
Female, total [1]	**38.3**	**42.4**	**37.5**	**36.3**	**35.1**	**33.4**	**50.8**	**51.7**	**45.3**	**42.6**	**38.2**	**36.3**
Motor vehicle accidents	11.2	14.8	11.3	12.8	12.3	11.0	9.7	13.4	9.1	8.3	7.7	7.6
All other accidents	20.4	18.3	16.5	14.4	13.5	13.2	29.1	22.5	18.6	18.6	15.3	14.6
Suicide	5.3	7.1	7.3	5.9	6.2	6.1	1.6	2.6	2.7	2.2	2.4	2.1
Homicide	1.4	2.1	2.9	3.2	3.1	3.1	10.4	13.3	14.9	13.5	12.7	12.0
15–24 years	23.5	34.9	32.8	37.3	35.3	32.0	31.6	45.5	42.0	35.0	31.8	30.4
25–44 years	24.0	33.6	30.9	29.1	28.9	27.2	51.7	60.5	54.5	46.9	43.7	41.0
45–64 years	37.7	44.6	37.9	32.8	32.7	30.8	54.5	55.9	51.1	43.4	40.7	36.5
65 years and over	149.1	122.4	99.3	87.2	81.8	79.3	113.9	107.9	83.2	102.9	77.9	75.3

[1] Includes persons under 15 years old, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

NO. 120. DEATHS AND DEATH RATES FROM ACCIDENTS, BY TYPE: 1960 TO 1982

[Beginning 1970, excludes deaths of nonresidents of the U.S. See headnote, table 119 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 163–165]

TYPE OF ACCIDENT	DEATHS					RATE [1]				
	1960	1970	1980	1981	1982	1960	1970	1980	1981	1982
Accidents and adverse effects	**93,806**	**114,638**	**105,718**	**100,704**	**94,082**	**52.3**	**56.4**	**46.7**	**43.9**	**40.6**
Motor-vehicle accidents	38,137	54,633	53,172	51,385	45,779	21.3	26.9	23.5	22.4	19.8
Traffic	37,142	53,493	51,930	50,196	44,713	20.7	26.3	22.9	21.9	19.3
Nontraffic	995	1,140	1,242	1,189	1,066	.6	.6	.5	.5	.5
Other road-vehicle accidents	243	257	232	211	182	.1	.1	.1	.1	.1
Water-transport accidents	1,478	1,651	1,429	1,219	1,297	.8	.8	.6	.5	.6
Air and space transport accidents	1,475	1,612	1,494	1,575	1,664	.8	.8	.7	.7	.7
Railway accidents	1,023	852	632	580	545	.6	.4	.3	.3	.2
Accidental falls	19,023	16,926	13,294	12,628	12,077	10.6	8.3	5.9	5.5	5.2
Fall from one level to another	6,019	4,798	3,743	3,540	3,471	3.4	2.4	1.7	1.5	1.5
Fall on the same level	3,689	828	415	417	420	2.1	.4	.2	.2	.2
Fracture, cause unspecified, and other and unspecified falls	9,315	11,300	9,136	8,671	8,186	5.2	5.6	4.0	3.8	3.5
Accidental drowning	5,232	6,391	6,043	5,233	5,258	2.9	3.1	2.7	2.3	2.3
Accidents caused by—										
Fires and flames	7,645	6,718	5,822	5,697	5,210	4.3	3.3	2.6	2.5	2.2
Firearms	2,334	2,406	1,955	1,871	1,756	1.3	1.2	.9	.8	.8
Electric current	989	1,140	1,095	1,008	979	.6	.6	.5	.4	.4
Explosive material	(2)	530	339	351	276	(2)	.3	.1	.2	.1
Hot substances, corrosive liquids [3]	402	275	196	194	156	.2	.1	.1	.1	.1
Accidental poisoning by—										
Drugs and medicines	(NA)	2,505	2,492	2,668	2,862	(NA)	1.2	1.1	1.2	1.2
Other solid and liquid substances	1,679	1,174	597	575	612	.9	.6	.3	.3	.3
Gases and vapors	1,253	1,620	1,242	1,280	1,259	.7	.8	.5	.6	.5
Complications due to medical procedures	1,115	3,581	2,437	2,549	2,585	.6	1.8	1.1	1.1	1.1
Inhalation and ingestion of objects	2,397	2,753	3,249	3,331	3,254	1.3	1.4	1.4	1.5	1.4
All other accidents	9,381	9,614	9,998	8,349	8,329	5.2	4.7	4.4	3.6	3.6

NA Not available. [1] For 1960, 1970, and 1980 per 100,000 resident population as of Apr. 1; other years, per 100,000 population estimated as of July 1. [2] Not available separately because of change in classification; included in "All other accidents." [3] Includes accidents caused by radiation.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 121. Catastrophic Accidents and Deaths, by Type of Accident: 1951 to 1984

[Catastrophic accidents defined as those in which five or more persons were killed. Covers accidents occurring within U.S. only. Excludes military aviation accidents. In some instances data may be incomplete]

Type of accident	Accidents					Deaths				
	1951–1960	1961–1970	1971–1980	1981–1983	1984, prel.	1951–1960	1961–1970	1971–1980	1981–1983	1984, prel.
All types	**1,483**	**1,340**	**924**	**200**	**67**	**13,790**	**12,530**	**10,090**	**1,977**	**608**
Motor vehicle	666	561	220	37	10	4,037	3,553	1,465	234	61
Percent of total	44.9	41.9	23.8	18.5	14.9	29.3	28.4	14.5	11.8	10.1
Bus	32	31	17	7	2	264	313	192	57	14
Collision with railroad train	5	5	4	–	–	35	90	28	–	–
Motor vehicle other than bus	634	530	203	30	8	3,773	3,240	1,273	177	47
Collision with railroad train	94	55	17	4	–	574	346	110	25	–
Air transportation	112	176	178	39	14	2,133	2,868	2,456	520	96
Water transportation	82	45	31	5	3	719	416	437	64	22
Railroad [1]	24	6	6	–	2	369	52	85	–	10
Fire and explosion	420	420	336	51	22	3,099	3,090	2,680	356	152
Percent of total	28.3	31.3	36.4	25.5	32.8	22.5	24.7	26.6	18.0	25.0
Dwellings, apartments	312	322	223	32	16	1,917	1,969	*1,341*	*198*	*106*
Hotels, boarding houses, rooming houses	24	25	33	7	1	175	243	386	61	8
Institutions [2]	17	12	19	3	1	254	200	199	42	5
Places of amusement	2	3	4	–	1	26	99	202	–	8
Other	65	58	57	9	3	727	579	552	55	25
Tornadoes, floods, hurricanes, etc	98	80	103	49	15	2,682	2,027	2,336	555	240
Mines and quarries	22	15	9	5	1	339	298	161	50	27
All other	*59*	37	41	*14*	–	412	*226*	*470*	*198*	–

– Represents zero. [1] Collisions of railroad trains with motor vehicles are classified as motor vehicle accidents.
[2] Homes for aged and convalescent, hospitals, etc.

Source: Metropolitan Life Insurance Company, New York, NY, *Statistical Bulletin*, April–June 1985; and unpublished data.

No. 122. Suicide Rates, by Sex, Race, and Age Group: 1970 to 1982

[**Rates per 100,000 population in specified group.** Excludes deaths of nonresidents of U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years classified according to the revision in use at the time; see text, p. 53]

Age	Total [1]			Male						Female					
				White			Black			White			Black		
	1970	1980	1982	1970	1980	1982	1970	1980	1982	1970	1980	1982	1970	1980	1982
All ages [2]	**11.6**	**11.9**	**12.2**	**18.0**	**19.9**	**20.7**	**8.0**	**10.3**	**10.1**	**7.1**	**5.9**	**6.1**	**2.6**	**2.2**	**2.1**
5–14 years	.3	.4	.6	.5	.7	.9	.1	.3	.8	.1	.2	.3	.2	.1	.1
15–24 years	8.8	12.3	12.1	13.9	21.4	21.2	10.5	12.3	11.0	4.2	4.6	4.5	3.8	2.3	2.2
25–34 years	14.1	16.0	16.0	19.9	25.6	26.1	19.2	21.6	20.3	9.0	7.5	7.5	5.7	4.1	*3.7*
35–44 years	16.9	15.4	15.3	23.3	23.5	23.6	12.6	15.6	15.6	13.0	9.1	9.2	3.7	4.6	4.0
45–54 years	20.0	15.9	16.6	29.5	24.2	25.8	13.8	12.0	11.8	13.5	10.2	10.4	3.7	2.8	3.1
55–64 years	21.4	15.9	16.9	35.0	25.8	27.9	10.6	11.7	11.9	12.3	9.1	9.5	2.0	2.3	2.2
65 years and over	20.8	17.8	18.3	41.1	37.5	38.9	8.7	11.4	12.4	8.5	6.5	6.6	2.6	1.4	1.8

[1] Includes other races not shown separately. [2] Includes other age groups not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 123. Suicides, by Sex and Method Used: 1960 to 1982

[Beginning 1970, excludes deaths of nonresidents of the United States. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years, classified according to the revision in use at the time; see text, p. 53. See also *Historical Statistics, Colonial Times to 1970*, series H 979–986]

Method	Male							Female						
	1960	1970	1975	1979	1980	1981	1982	1960	1970	1975	1979	1980	1981	1982
Total	**14,539**	**16,629**	**19,622**	**20,256**	**20,505**	**20,809**	**21,625**	**4,502**	**6,851**	**7,441**	**6,950**	**6,364**	**6,787**	**6,617**
Firearms [1]	7,879	9,704	12,185	12,919	12,937	13,378	13,872	1,138	2,068	2,688	2,639	2,459	2,761	2,688
Percent of total	54.2	58.4	62.1	63.8	63.1	64.3	64.1	25.3	30.2	36.1	38.0	38.6	40.7	40.6
Poisoning [2]	2,631	3,299	3,297	2,974	2,997	2,922	2,927	1,699	3,285	3,129	2,754	2,456	2,509	2,432
Hanging and strangulation [3]	2,576	2,422	2,815	2,783	2,997	3,033	3,314	790	831	846	742	694	722	747
Other [4]	1,453	1,204	1,325	1,580	1,574	1,476	1,512	875	667	778	815	755	795	750

[1] Includes explosives through 1975. [2] Includes solids, liquids, and gases. [3] Includes suffocation.
[4] Beginning 1979 includes explosives.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

NO. 124. MARRIAGES AND DIVORCES: 1960 TO 1982

[For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series A 158-159 and B 214-220]

MARRIAGE AND DIVORCE	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
MARRIAGES											
Total (1,000) [1]	**1,523**	**1,800**	**2,159**	**2,153**	**2,155**	**2,178**	**2,282**	**2,331**	**2,390**	**2,422**	**2,456**
Rate per 1,000 population [1]	8.5	9.3	10.6	10.0	9.9	9.9	10.3	10.4	10.6	10.6	10.6
Rate per 1,000 unmarried women: [1] [2]											
15-44 years old	148.0	144.3	140.2	118.5	113.4	109.8	109.1	107.9	102.6	103.1	101.9
15 years old and over	73.5	75.0	76.5	66.9	65.2	63.6	64.1	63.6	61.4	61.7	61.4
First marriage of bride [3] (1,000)	664	1,043	1,252	1,191	1,163	1,147	1,174	1,214	1,221	1,219	1,240
Rate per 1,000 single women: [2]											
14 years old and over	87.5	84.4	82.9	68.1	64.8	62.7	62.1	62.1	[4] 66.0	[4] 64.9	[4] 66.0
18-19 years	208.4	166.9	151.4	115.0	105.1	99.6	95.6	91.7	87.3	80.7	78.5
20-24 years	263.9	237.3	220.1	143.8	133.4	125.6	123.0	121.9	119.8	110.0	111.9
25-44 years	(NA)	96.4	82.5	81.7	81.8	78.6	77.1	76.8	74.9	79.3	80.7
45-64 years	(NA)	9.0	8.8	9.2	9.3	8.6	7.9	7.8	7.0	7.9	8.6
65 years old and over	(NA)	1.3	1.1	1.2	1.1	1.0	1.0	.9	.9	.9	.9
Median age at first marriage: [3]											
Male (years)	[5] 22.8	22.5	22.5	22.7	22.9	23.0	23.2	23.4	23.6	23.9	24.1
Female (years)	[5] 20.3	20.4	20.6	20.8	21.0	21.1	21.4	21.6	21.8	22.0	22.3
Remarriages of bride [3] [6] (1,000)	197	305	393	510	518	532	548	582	591	616	629
Rate per 1,000 widowed and divorced: [2]											
14 years old and over	32.7	33.7	36.6	40.1	39.7	40.0	40.0	40.8	[4] 38.3	[4] 39.9	[4] 39.2
14-24 years	407.7	471.0	317.6	319.9	324.4	323.5	321.5	312.6	[7] 231.0	[7] 280.0	[7] 267.7
25-44 years	(NA)	139.6	142.3	144.5	133.2	129.0	126.8	127.5	117.3	119.7	119.5
45-64 years	22.0	24.5	24.8	23.5	23.5	22.1	21.9	21.7	19.7	19.9	20.8
65 years old and over	(NA)	2.4	2.5	2.5	2.3	2.4	2.1	3.0	2.3	2.3	2.2
Remarriages of widows (1,000) [3]	(NA)	67	75	68	64	61	59	65	59	57	55
Rate per 1,000 widows: [2]											
14 years old and over	(NA)	10.2	10.2	8.3	7.9	7.6	7.1	7.7	[4] 6.7	[4] 6.5	[4] 6.1
14-44 years	(NA)	69.6	54.1	61.7	56.0	57.3	55.3	52.6	[8] 51.0	[8] 48.4	[8] 49.0
45-64 years	(NA)	16.5	17.7	14.9	15.2	14.0	13.6	13.6	12.2	12.0	12.0
65 years old and over	(NA)	2.0	2.3	2.1	2.1	2.1	1.8	2.6	2.1	2.0	1.9
Remarriages of divorced women (1,000) [3]	(NA)	195	270	365	377	391	406	432	447	475	487
Rate per 1,000 divorced women: [2]											
14 years old and over	(NA)	127.8	123.3	117.2	111.3	107.3	105.0	104.0	[4] 91.3	[4] 96.3	[4] 94.4
14-24 years	(NA)	512.3	413.4	319.6	339.4	347.3	313.7	309.1	[7] 236.4	[7] 282.2	[7] 263.6
25-44 years	(NA)	176.3	179.6	158.6	144.0	137.3	134.4	135.2	122.8	129.1	129.6
45-64 years	(NA)	45.8	42.6	40.1	37.5	35.6	35.6	35.1	30.3	30.2	31.3
65 years old and over	(NA)	9.6	6.1	9.1	6.9	6.4	6.4	7.4	5.3	5.7	5.3
Median age at remarriage: [3]											
Male (years)	(NA)	39.6	37.5	35.5	35.1	34.9	35.1	35.3	35.2	35.3	35.7
Female (years)	(NA)	35.5	33.3	32.0	31.7	31.4	31.5	31.9	32.0	32.1	32.5
DIVORCES [9]											
Total (1,000)	**393**	**479**	**708**	**1,036**	**1,083**	**1,091**	**1,130**	**1,181**	**1,189**	**1,213**	**1,170**
Rate per 1,000 population	2.2	2.5	3.5	4.8	5.0	5.0	5.1	5.3	5.2	5.3	5.0
Rate per 1,000 married women, 15 yr. old and over [2]	9.2	10.6	14.9	20.3	21.1	21.1	21.9	22.8	22.6	22.6	21.7
Median duration of marriage [10] (years)	7.1	7.2	6.7	6.5	6.5	6.6	6.6	6.8	6.8	7.0	7.0
Median age at divorce after 1st marriage: [11]											
Male (years)	(NA)	(NA)	30.5	30.2	30.3	30.6	30.7	31.0	31.2	31.5	33.6
Female (years)	(NA)	(NA)	27.9	28.1	28.2	28.4	28.4	28.7	28.9	29.2	31.1
Children involved in divorces [10] (1,000)	463	630	870	1,123	1,117	1,095	1,147	1,181	1,174	1,180	1,108
Avg. number of children involved	1.18	1.32	1.22	1.08	1.03	1.00	1.01	1.00	.98	.97	.94

NA Not available. [1] Beginning 1978 includes nonlicensed marriages registered in California. [2] Rates for 1975-1979 are based on population estimates that were not revised in accordance with 1980 census results. [3] Number of States reporting: 1960, 33, including New York but excluding New York City; 1965, 38; 1970, 39; 1975-1978, 41; and 1979-1982, 42. Beginning 1965, includes DC. [4] 15 years old and over. [5] Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 349. [6] Includes remarriages of women whose prior marital status is unknown. [7] 15-24 years old. [8] 15-44 years old. [9] Includes annulments. [10] Number of States reporting: 1960, 18; 1965, 22; 1970 and 1978, 28; 1975-77, 29; 1979 and 1980, 30; and 1981 and 1982, 31. [11] Number of States reporting: 1970, 27; 1975-78, 28; 1979 and 1980, 30; and 1981 and 1982, 31. Median age computed on grouped ages.

Source: Except as noted, U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; *Monthly Vital Statistics Report;* and unpublished data.

No. 125. Marriages—Number and Rate, by State: 1970 to 1983

[By place of occurrence. Data are counts of marriages performed, except as noted. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Number (1,000)						Rate per 1,000 population [1]					
	1970	1975	1980	1981	1982	1983, prel.	1970	1975	1980	1981	1982	1983, prel.
U.S.	2,158.8	2,152.7	2,390.3	2,422.1	2,456.3	[2] 2,444.0	10.6	10.0	10.6	10.6	10.6	10.5
Region:												
Northeast	417.8	384.2	400.3	407.5	421.9	415.7	8.5	7.8	8.1	8.3	8.6	8.4
Midwest	545.4	549.4	569.2	565.2	564.6	538.6	9.6	9.5	9.7	9.6	9.6	9.1
South	763.1	776.7	880.2	906.1	916.9	919.6	12.2	11.2	11.7	11.8	11.7	11.6
West	432.5	442.4	540.5	543.3	552.9	566.9	12.4	11.5	12.5	12.3	12.2	12.3
N.E.	**105.4**	**96.8**	**106.3**	**108.6**	**111.9**	**107.1**	**8.9**	**7.9**	**8.6**	**8.7**	**9.0**	**8.6**
ME	11.0	11.2	12.0	12.3	12.4	12.6	11.0	10.4	10.7	10.9	10.9	11.0
NH	10.0	8.8	9.3	10.0	10.6	11.1	13.6	10.6	10.0	10.7	11.2	11.6
VT	4.5	4.6	5.2	5.2	5.6	5.5	10.2	9.5	10.2	10.2	10.7	10.5
MA	47.4	42.1	46.3	47.8	48.7	43.6	8.3	7.3	8.1	8.3	8.5	7.6
RI	7.5	6.7	7.5	7.6	7.9	8.0	7.9	7.1	7.9	7.9	8.3	8.4
CT	24.9	23.4	26.0	25.7	26.8	26.3	8.2	7.6	8.4	8.2	8.6	8.4
M.A.	**312.4**	**287.4**	**294.0**	**298.9**	**310.0**	**308.6**	**8.4**	**7.7**	**8.0**	**8.1**	**8.4**	**8.3**
NY	161.2	142.8	144.5	148.2	156.7	156.4	8.9	7.9	8.2	8.4	8.9	8.9
NJ	56.6	53.0	55.8	58.0	59.9	60.8	7.9	7.2	7.6	7.8	8.1	8.1
PA	94.5	91.7	93.7	92.6	93.4	91.4	8.0	7.7	7.9	7.8	7.9	7.7
E.N.C.	**384.8**	**387.4**	**395.5**	**391.0**	[3] **390.6**	**368.5**	**9.6**	**9.4**	**9.5**	**9.4**	[3] **9.4**	**8.9**
OH	90.1	101.1	99.8	100.0	[3] 102.9	100.0	8.5	9.4	9.2	9.3	[3] 9.6	9.3
IN	55.2	56.1	57.9	55.6	55.9	53.5	10.6	10.5	10.5	10.1	10.2	9.8
IL	115.5	111.5	109.8	109.1	107.0	103.5	10.4	9.9	9.6	9.5	9.3	9.0
MI	89.7	82.9	86.9	85.3	82.6	70.7	10.1	9.1	9.4	9.3	9.1	7.8
WI	34.4	35.9	41.1	41.1	42.1	40.8	7.8	7.9	8.7	8.7	8.9	8.6
W.N.C.	**160.5**	**161.9**	**173.7**	**174.3**	**174.0**	**170.1**	**9.8**	**9.7**	**10.1**	**10.1**	**10.0**	**9.8**
MN	31.3	32.3	37.6	37.6	37.4	36.6	8.2	8.2	9.2	9.2	9.1	8.8
IA	24.6	25.6	27.5	27.2	27.2	26.7	8.7	8.9	9.4	9.3	9.4	9.2
MO	50.1	50.1	54.6	54.1	53.8	53.5	10.7	10.5	11.1	11.0	10.9	10.8
ND	5.3	6.0	6.1	6.2	6.2	6.0	8.6	9.4	9.3	9.4	9.2	8.8
SD	11.0	11.1	8.8	8.7	8.4	8.0	16.6	16.3	12.7	12.6	12.0	11.4
NE	15.7	13.1	14.2	14.4	14.4	13.5	10.6	8.5	9.1	9.1	9.0	8.5
KS	22.4	23.8	24.8	26.1	26.7	25.8	10.0	10.4	10.5	11.0	11.1	10.7
S.A.	**371.0**	**366.6**	**413.1**	**421.6**	**429.8**	**432.6**	**12.1**	**10.7**	**11.2**	**11.2**	**11.2**	**11.1**
DE	4.3	3.9	4.4	4.5	4.8	5.6	7.8	6.7	7.5	7.6	8.0	9.2
MD	52.2	44.8	46.3	47.1	47.9	47.2	13.3	10.8	11.0	11.1	11.2	11.0
DC	7.3	4.9	5.2	5.3	5.6	5.4	9.6	6.9	8.1	8.4	8.9	8.7
VA	52.0	54.7	60.2	61.4	62.1	61.8	11.2	10.8	11.3	11.3	11.3	11.1
WV	15.9	17.0	17.4	16.7	16.5	16.0	9.1	9.3	9.9	9.6	9.4	9.1
NC	48.3	42.3	46.7	48.1	51.1	52.0	9.5	7.6	7.9	8.1	8.5	8.5
SC	57.9	50.2	53.9	54.4	53.5	53.6	22.3	17.3	17.3	17.2	16.6	16.4
GA	63.9	63.2	70.6	71.0	72.6	71.6	13.9	12.5	12.9	12.7	12.9	12.5
FL	69.2	85.4	108.3	113.0	115.8	119.5	10.2	10.0	11.1	11.1	11.1	11.2
E.S.C.	**154.9**	**155.2**	[3] **168.8**	[3] **169.0**	[3] **167.1**	**171.9**	**12.1**	**11.2**	[3] **11.5**	[3] **11.5**	[3] **11.2**	**11.5**
KY	36.3	32.1	[3] 32.7	[3] 32.2	[3] 34.2	39.7	11.3	9.2	[3] 8.9	[3] 8.8	[3] 9.3	10.7
TN	45.4	51.5	59.2	60.1	57.9	56.8	11.6	12.1	12.9	13.0	12.4	12.1
AL	47.0	45.3	49.0	48.7	47.4	48.9	13.6	12.3	12.6	12.4	12.0	12.4
MS	26.3	26.3	27.9	28.0	27.6	26.4	11.9	10.9	11.1	11.0	10.7	10.2
W.S.C.	**237.2**	**254.9**	**298.2**	**315.5**	**319.9**	**315.1**	**12.3**	**11.9**	**12.6**	**12.9**	**12.7**	**12.2**
AR	23.3	24.3	26.5	27.7	28.0	30.4	12.1	11.3	11.6	12.1	12.2	13.1
LA	35.4	37.3	43.5	44.9	45.6	45.7	9.7	9.6	10.3	10.5	10.4	10.3
OK	39.0	40.1	46.5	46.2	47.7	44.0	15.2	14.5	15.4	15.5	14.8	13.4
TX	139.5	153.2	181.8	194.8	198.6	195.0	12.5	12.2	12.8	13.2	13.0	12.4
Mt.	**187.5**	**212.0**	**241.7**	**235.1**	**240.5**	**251.4**	**22.6**	**21.5**	**21.3**	**20.1**	**19.9**	**20.4**
MT	6.9	7.3	8.3	8.2	8.2	8.1	10.0	9.8	10.6	10.3	10.2	9.9
ID	10.9	12.7	13.4	14.2	14.1	13.4	15.3	15.3	14.2	14.8	14.4	13.5
WY	4.5	5.6	6.9	7.1	6.8	6.2	13.5	14.9	14.6	14.4	13.4	12.1
CO	25.0	27.6	34.9	37.2	37.7	36.0	11.3	10.7	12.1	12.5	12.3	11.5
NM	[4] 12.4	[4] 15.8	16.6	[4] 17.2	[4] 17.6	[5] 16.7	[4] 12.2	[4] 13.6	12.8	[4] 12.9	[4] 12.9	[5] 12.0
AZ	[4] 18.5	26.6	30.2	31.9	31.4	[4] 30.3	[4] 10.4	11.6	11.1	11.4	10.9	[4] 10.2
UT	11.7	14.9	17.0	17.9	18.4	18.3	11.0	12.1	11.6	11.8	11.7	11.3
NV	97.6	101.6	114.3	101.4	106.3	122.3	199.7	163.8	142.8	119.9	121.3	137.3
Pac.	**245.0**	**230.3**	**298.8**	**308.2**	**312.4**	**315.4**	**9.2**	**8.0**	**9.4**	**9.5**	**9.4**	**9.4**
WA	41.3	41.8	47.7	50.0	48.2	46.2	12.1	11.6	11.6	11.9	11.3	10.8
OR	17.3	19.3	23.0	22.9	24.2	23.3	8.3	8.3	8.7	8.6	9.1	8.8
CA [6]	172.4	154.8	210.9	217.3	220.1	224.9	8.6	7.2	8.9	9.0	8.9	8.9
AK	3.4	4.7	5.4	5.7	6.4	6.9	11.2	12.8	13.3	13.8	14.4	14.3
HI	10.6	9.7	11.9	12.2	13.5	14.1	13.8	10.9	12.3	12.5	13.5	13.8

[1] Based on total population residing in area; population enumerated as of Apr. 1 for 1970 and 1980, estimated as of July 1 for all other years. [2] Estimate for U.S. is based on monthly reports adjusted for observed differences from final monthly figures. State figures are not adjusted in this manner. [3] Incomplete. [4] Data represent the sum of marriages performed in some counties and marriage licenses issued in other counties. [5] Marriage licenses. [6] Beginning 1980, includes nonlicensed marriages registered.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

No. 126. Divorces and Annulments—Number and Rate, by State: 1970 to 1983

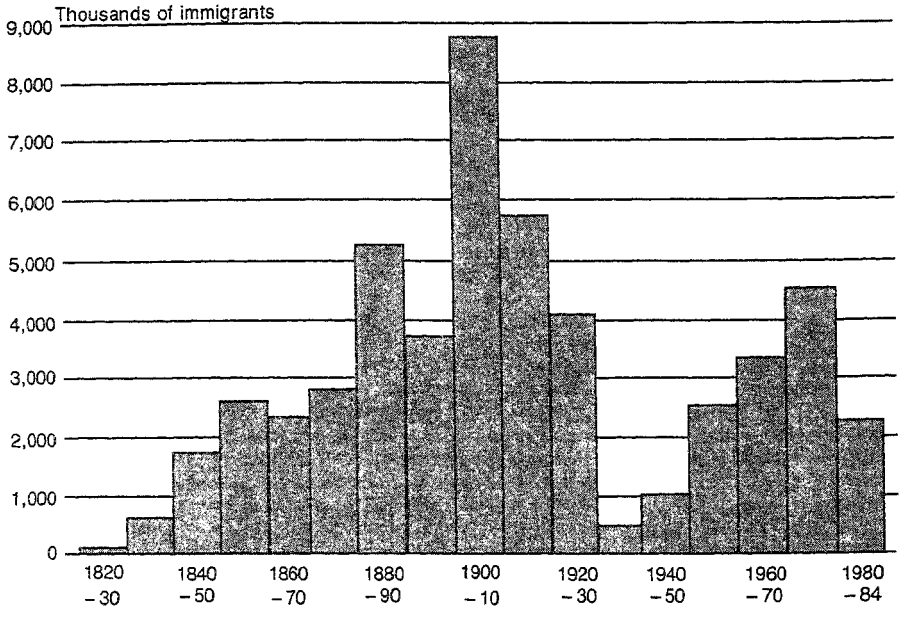
[By place of occurrence. For composition of regions, see fig. I, inside front cover]

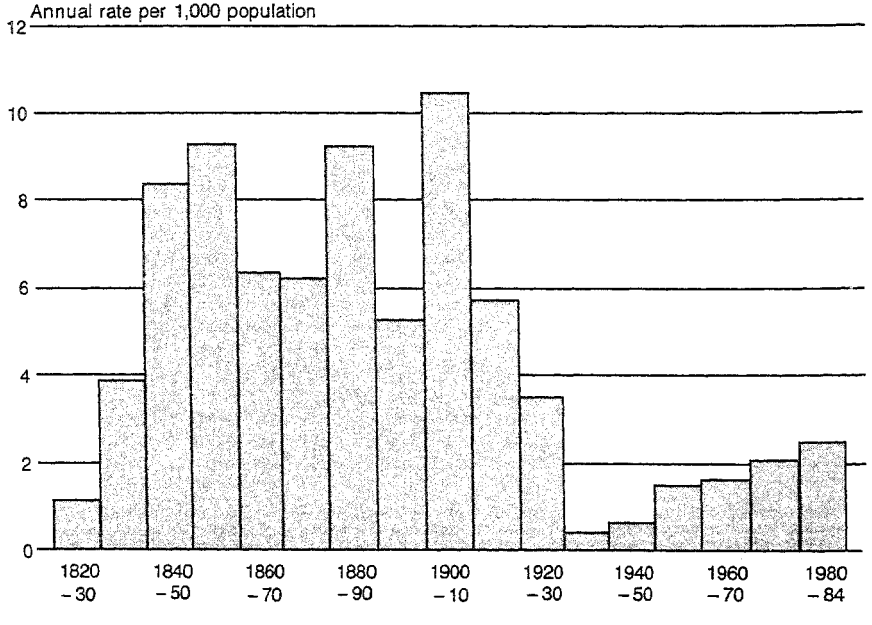
Region, division, and state	Number (1,000)						Rate per 1,000 population[1]					
	1970	1975	1980	1981	1982	1983, prel.	1970	1975	1980	1981	1982	1983, prel.
U.S.	[2] 708.0	[2] 1,036.0	1,189.0	[2] 1,213.0	[2] 1,170.0	[3] 1,179.0	[2] 3.5	[2] 4.8	5.2	[2] 5.3	[2] 5.0	[3] 5.0
Region:												
Northeast	86.0	153.0	174.0	180.0	182.0	175.6	1.8	3.1	3.5	3.6	3.7	3.5
Midwest	[2] 186.0	[2] 261.0	292.0	289.0	272.0	(NA)	[2] 3.3	[2] 4.5	5.0	4.9	4.6	(NA)
South	[2] 242.0	[2] 374.0	449.0	[2] 465.0	445.0	(NA)	[2] 3.9	[2] 5.4	6.0	[2] 6.1	5.7	(NA)
West	194.0	248.0	274.0	[2] 279.0	[2] 271.0	265.8	5.6	6.4	6.3	[2] 6.3	[2] 6.0	5.8
New England	**25.8**	**43.2**	**49.0**	**50.4**	**49.5**	**44.2**	**2.2**	**3.5**	**4.0**	**4.1**	**4.0**	**3.5**
Maine	3.9	5.5	6.2	6.4	5.8	5.9	3.9	5.2	5.5	5.6	5.1	5.2
New Hampshire	2.4	4.2	5.3	5.2	5.0	4.6	3.3	5.1	5.7	5.6	5.3	4.8
Vermont	1.0	1.9	2.6	2.3	2.6	2.5	2.3	4.0	5.1	4.4	5.0	4.8
Massachusetts	11.0	16.6	17.9	19.5	19.5	17.7	1.9	2.9	3.1	3.4	3.4	3.1
Rhode Island	1.7	2.7	3.6	3.4	3.6	3.5	1.8	2.8	3.8	3.6	3.8	3.7
Connecticut	5.8	12.2	13.5	13.6	12.9	9.9	1.9	4.0	4.3	4.3	4.1	3.1
Middle Atlantic	***59.9***	***110.0***	***124.7***	***129.8***	***132.3***	***131.4***	***1.6***	***3.0***	***3.4***	***3.5***	***3.8***	***3.5***
New York	26.4	55.6	62.0	63.4	63.2	64.5	1.4	3.1	3.5	3.6	3.6	3.6
New Jersey	10.8	19.4	27.8	27.6	27.8	26.6	1.5	2.6	3.8	3.7	3.7	3.6
Pennsylvania	22.6	35.0	34.9	38.8	41.3	40.4	1.9	2.9	2.9	3.3	3.5	3.4
East North Central	[4] 129.8	[4] 186.2	212.4	[4] 206.9	[4] 195.8	(NA)	(S)	(S)	5.1	[4] 5.0	[4] 4.7	(NA)
Ohio	39.3	52.6	58.8	[4] 58.6	[4] 53.3	54.0	3.7	4.9	5.4	[4] 5.4	[4] 4.9	5.0
Indiana	[4] 15.2	[4] 28.8	[5] 40.0	[5] 35.0	[5] 35.8	(NA)	(S)	(S)	[5] 7.3	[5] 6.4	[5] 6.5	(NA)
Illinois	36.5	51.0	51.0	51.8	49.6	50.5	3.3	4.5	4.5	4.5	4.3	4.4
Michigan	30.0	40.8	45.0	43.2	39.7	39.7	3.4	4.5	4.9	4.7	4.4	4.4
Wisconsin	8.9	13.1	17.5	18.5	17.3	17.1	2.0	2.9	3.7	3.9	3.7	3.6
West North Central	**48.2**	**70.1**	**79.6**	**82.2**	**75.9**	**75.5**	**3.0**	**4.2**	**4.6**	**4.8**	**4.4**	**4.3**
Minnesota	8.3	13.2	15.4	16.5	15.2	14.5	2.2	3.4	3.8	4.0	3.7	3.5
Iowa	7.2	10.3	11.9	12.1	10.9	10.7	2.5	3.6	4.1	4.1	3.7	3.7
Missouri	17.9	24.5	27.6	28.0	26.3	26.7	3.8	5.1	5.6	5.7	5.3	5.4
North Dakota	1.0	1.7	2.1	2.3	2.2	2.3	1.6	2.7	3.3	3.5	3.3	3.4
South Dakota	1.4	2.2	2.8	2.8	2.6	2.6	2.0	3.3	4.1	4.0	3.7	3.6
Nebraska	3.7	5.6	6.4	6.8	6.4	6.3	2.5	3.6	4.1	4.3	4.0	4.0
Kansas	8.8	12.6	13.4	13.7	12.4	12.4	3.9	5.5	5.7	5.8	5.1	5.1
South Atlantic	**106.1**	**174.8**	**206.3**	**213.9**	**206.5**	**205.1**	**3.5**	**5.1**	**5.6**	**5.7**	**5.4**	**5.3**
Delaware	1.7	2.8	2.3	3.0	3.2	3.1	3.2	4.7	3.9	5.0	5.4	5.0
Maryland	9.3	15.4	17.5	17.2	16.1	16.0	2.4	3.7	4.1	4.0	3.8	3.7
District of Columbia	2.3	3.8	4.7	3.9	3.5	2.7	3.0	5.3	7.3	6.2	5.7	4.4
Virginia	11.9	19.5	23.6	25.1	26.1	25.5	2.6	3.9	4.4	4.6	4.8	4.6
West Virginia	5.6	8.6	10.3	10.7	10.2	10.1	3.2	4.7	5.3	5.5	5.2	5.2
North Carolina	13.7	22.1	28.1	29.6	29.6	30.3	2.7	4.0	4.8	5.0	4.9	5.0
South Carolina	5.8	9.7	13.6	14.0	13.6	13.7	2.3	3.3	4.4	4.4	4.2	4.2
Georgia	18.6	29.5	34.7	35.2	33.1	32.4	4.1	5.8	6.4	6.3	5.9	5.7
Florida	37.2	63.4	71.6	75.3	71.0	71.3	5.5	7.4	7.3	7.4	6.8	6.7
East South Central	**50.6**	**74.4**	[4] 87.5	[4] 88.7	[4] 83.6	**87.6**	**4.0**	**5.4**	[4] 6.0	[4] 6.0	[4] 5.6	**5.9**
Kentucky	10.7	14.5	[4] 16.7	[4] 16.7	[4] 16.2	17.1	3.3	4.2	[4] 4.6	[4] 4.5	[4] 4.4	4.6
Tennessee	16.6	24.6	30.2	31.1	29.6	30.7	4.2	6.9	6.6	6.7	6.4	6.6
Alabama	15.1	23.0	26.7	26.8	24.9	25.7	4.4	6.2	6.9	6.8	6.3	6.5
Mississippi	8.2	12.3	13.8	14.2	12.9	14.0	3.7	5.1	5.5	5.6	5.0	5.4
West South Central [4]	**82.7**	**122.8**	**155.0**	**160.7**	**154.7**	(NA)	(S)	(S)	**6.5**	(S)	**6.1**	(NA)
Arkansas	[4] 9.3	[4] [6] 16.7	[4] 15.9	16.5	[4] 15.7	15.8	[4] 4.8	[4] [6] 7.8	[4] 6.9	7.2	[4] 6.8	6.8
Louisiana [4]	5.1	9.7	18.1	17.4	16.8	(NA)	(S)	(S)	4.3	(S)	3.8	(NA)
Oklahoma	16.8	20.6	24.2	25.0	23.9	23.8	6.6	7.4	8.0	8.1	7.4	7.2
Texas	51.5	76.7	96.8	101.9	98.2	97.0	4.6	6.1	6.8	6.9	6.4	6.2
Mountain	[4] 49.0	**70.7**	**86.1**	[4] 89.4	[4] 83.3	**84.4**	[4] 5.9	**7.2**	**7.6**	(S)	(S)	**6.8**
Montana	3.0	4.3	4.9	5.0	4.6	4.7	4.4	5.7	6.3	6.3	5.7	5.7
Idaho	3.6	5.2	6.6	6.7	6.2	6.2	5.1	6.3	7.0	7.0	6.3	6.3
Wyoming	1.8	2.8	4.0	4.1	4.0	4.0	5.4	7.5	8.5	8.5	7.8	7.7
Colorado	10.4	15.7	18.6	19.5	18.7	19.7	4.7	6.1	6.4	6.6	6.1	6.3
New Mexico	[4] 4.4	8.4	10.4	[4] [5] 10.2	[4] [5] 8.1	9.1	[4] 4.3	7.2	8.0	(S)	(S)	6.5
Arizona	[5] 12.7	17.6	19.9	20.8	20.3	20.9	[5] 7.2	7.7	7.3	7.5	7.0	7.1
Utah	*3.9*	*6.1*	*7.8*	*8.1*	*8.4*	*8.5*	*3.7*	*5.0*	*5.3*	*5.3*	*5.4*	*5.2*
Nevada	9.1	10.5	13.8	14.9	13.1	11.4	18.7	17.0	17.3	17.6	14.9	12.8
Pacific	**144.7**	**177.0**	**187.9**	**188.6**	**185.8**	**181.4**	**5.5**	**6.2**	**5.9**	**5.8**	**5.6**	**5.4**
Washington	17.9	25.8	28.6	29.5	28.0	27.3	5.2	7.1	6.9	7.0	6.5	6.3
Oregon	9.6	15.6	17.8	17.8	16.8	16.5	4.6	6.7	6.7	6.7	6.3	6.2
California	112.9	128.5	133.5	133.6	133.4	129.1	5.7	6.0	5.6	5.5	5.4	5.1
Alaska	1.7	2.9	3.5	3.5	3.5	3.9	5.6	7.7	8.8	8.3	7.8	8.1
Hawaii	2.6	4.3	4.4	4.3	4.2	4.6	3.4	4.8	4.6	4.3	4.2	4.5

NA Not available. S Does not meet publication standards. For States, reporting less than 90 percent complete; for divisions, includes one or more such States. [1] Based on total population residing in area; population enumerated as of Apr. 1 for 1970 and 1980, estimated as of July 1 for all other years. [2] Includes estimates for States with reporting less than 90 percent complete; therefore, State data may not add to total. [3] Estimated. [4] Incomplete.
[5] Includes divorce petitions filed for some counties. [6] Includes legal separations and dismissals.

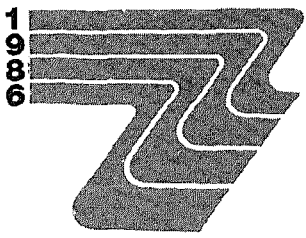
Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

Figure 3.1
Immigration: 1820 to 1984





Source: Chart prepared by U.S. Bureau of the Census. For data, see table 127.



Section 3

Immigration and Naturalization

This section presents statistics related to immigration and naturalization. The principal source is the *Statistical Yearbook* of the Immigration and Naturalization Service, published annually by the Immigration and Naturalization Service (INS), a unit of the Department of Justice. Immigration statistics were prepared from entry visas and change of immigration status forms. Statistics for naturalization are compiled from periodic reports by Federal courts and specially designated State courts.

The collection of U.S. immigration statistics began under the Act of 1819. Data on persons arriving in ports were transmitted to the U.S. Secretary of State, who reported the information periodically to Congress. Subsequently, reports to the Secretary of State and to Congress were required by law, as well as the collection of data on immigrants arriving at land borders. Beginning in 1906, those arriving were divided into immigrants and nonimmigrants, depending on how long they intended to remain in the United States (see below).

Immigrants.—Immigrants are nonresident aliens (i.e., non U.S. citizens) admitted to the U.S. for permanent residence. The category includes persons who may have entered the U.S. as nonimmigrants or refugees, but who subsequently changed their status to that of a permanent resident. A large increase of immigrants admitted to the U.S. in one year may have been due to an influx of refugees one or two years earlier. Thus, immigrants as measured in this section do not equal net civilian immigration as shown in table 5.

Nonimmigrants.—Nonimmigrants are nonresident aliens admitted to the United States for a temporary period. Included in this group are visitors for business and pleasure, students and their spouses and children, foreign government officials, exchange visitors and their spouses and children, international representatives, treaty traders and investors, representatives of foreign information media, fiances(ees) of U.S. citizens and their children, officials of the North Atlantic Treaty Organization (NATO) and aliens in transit. Excluded are border crossers, crewmen, and insular travelers. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included in the nonimmigrant totals.

Quota and nonquota immigrants.—In 1921, Congress enacted the first numerical ceiling on immigration (357,000 per year) into the United States, although it applied only to Eastern Hemisphere countries and their dependencies. The 1921 Act also required that immigrants be classified as quota and nonquota immigrants. Quota immigrants were subject to congressionally mandated quotas for Eastern Hemisphere countries and their dependencies. Nonquota immigrants included natives of the Western Hemisphere and their spouses and children, immediate relatives of U.S. citizens, and certain groups of special immigrants.

Between 1929 and 1968, quotas were determined by the "national origins" formula which provided that the annual quota equal one-sixth of one percent of the number of White inhabitants in the continental United States in 1920, less Western Hemisphere immigrants and their descendants. The annual quota for each nationality was then determined by the same ratio to 150,000 as the number of inhabitants of each nationality living in the continental United States in 1920 to the total inhabitants, although a minimum quota for any nationality was 100.

The Act of 1965, which became fully effective in July 1968, abolished the quota system and set up an annual numerical limitation of 170,000 immigrants from the Eastern Hemisphere, with no *more than 20,000 immigrants to come from any one country; a numerical limitation* of 120,000 per year was imposed on Western Hemisphere immigration, which had previously been unrestricted. The 1965 Act thereby gave persons from every country within each hemisphere an equal chance to immigrate to the United States. After 1968 immigrants were classified as those subject to numerical limitations of the Eastern Hemisphere and of the Western Hemisphere, and those exempt from numerical limitations (see table 128). Those exempt include immediate relatives of U.S. citizens and various classes of special immigrants.

For immigrants subject to numerical limitations, numbers are allocated on a basis of six preference categories beginning in 1980 (previously 7 categories), four of which provide for reunion of families of U.S. citizens and resident aliens, and two for specified workers needed in the United States. Numbers not used by these six preferences are then available to qualified nonpreference immigrants. From 1968 to December 1976, preference classifications were applied only to immi-

grants from the Eastern Hemisphere. Beginning 1977, Western Hemisphere immigrants were also subject to preference and nonpreference classifications. Effective October 1978, the separate hemisphere limits were abolished in favor of a worldwide limit of 290,000. This limit was lowered to 280,000 for fiscal year 1980, and to 270,000 for fiscal year 1981, and subsequent years.

Status of Cubans.—Effective November 1966, Cubans admitted or paroled (i.e., admitted without an immigration visa) into the United States after January 1, 1959, and present in the United States for at least 2 years, may obtain permanent resident status. A court decision in September 1976 exempted Cuban refugees from numerical limitations, retroactive to 1968. The Refugee Act of 1980 changed the residency requirement from two years to one year.

Status of Indochinese.—Effective October 28, 1977, refugees from Vietnam, Laos, or Cambodia were eligible to apply for permanent resident status. Public Law 95-145 provided that Indochinese paroled into the United States after March 31, 1975, or physically present on that date, may become permanent residents after living for at least 2 years in the United States.This period was changed to one year under the Refuge Act of 1980.

Refugee Act of 1980.—Effective April 1, 1980, this legislation provides for a uniform admission procedure for refugees of all countries, based on the United Nation's definition of refugees. Authorized admission ceilings are set annually by the President in consultation with Congress. After one year of residence in the United States, refugees are eligible for immigrant status.

Naturalizations.—Most aliens acquire U.S. citizenship under the general provisions of the Immigration and Nationality Act of 1952, as amended. As specified by that Act, the requirements a prospective citizen must meet relate to residency, language proficiency, moral character, loyalty to the United States, attachment to the principles of the Constitution, etc. Spouses and children of U.S. citizens can be naturalized under less stringent conditions. In certain cases, an administrative, judicial, legislative, or executive waiver of the requirements may be obtained. Naturalization statistics are also maintained by INS.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 127. Immigration: 1820 to 1984

[In **thousands, except rate.** Through **1976,** for years ending **June 30,** except as noted; beginning **1977,** ending **Sept. 30.** For definition of immigrants, see text, pp. 83 and 84. For 1820-1867, alien passengers arriving; 1868-1891 and 1895-1897, immigrants arriving; 1892-1894 and 1898 to the present, immigrants admitted. Rates based on Bureau of the Census estimates as of July 1 for resident population through 1929, and for total population thereafter (excluding Alaska and Hawaii prior to 1959). See also *Historical Statistics, Colonial Times to 1970,* series C 89]

PERIOD	TOTAL		PERIOD OR YEAR	TOTAL		YEAR	TOTAL	
	Number	Rate[1]		Number	Rate[1]		Number	Rate[1]
1820-1984	**51,950**	**3.4**	1931-1940	528	.4	1972	385	1.8
			1941-1950	1,035	.7	1973	400	1.9
1820-1830[2]	152	1.2	1951-1960	2,515	1.5	1974	395	1.9
1831-1840[3]	599	3.9	1961-1970	3,322	1.7	1975	386	1.8
1841-1850[4]	1,713	8.4	1971-1980[6]	4,493	2.1	1976	399	1.9
1851-1860[4]	2,598	9.3	1981-1984	2,294	2.5	1977	462	2.1
1861-1870[5]	2,315	6.4	1965	297	1.5	1978	601	2.8
1871-1880	2,812	6.2	1966	323	1.6	1979	460	2.1
1881-1890	5,247	9.2	1967	362	1.8	1980	531	2.3
1891-1900	3,688	5.3	1968	454	2.3	1981	597	2.6
1901-1910	8,795	10.4	1969	359	1.8	1982	594	2.6
1911-1920	5,736	5.7	1970	373	1.8	1983	560	2.4
1921-1930	4,107	3.5	1971	370	1.8	1984	544	2.3

[1] Annual rate per 1,000 U.S. population, 10-year rate computed by dividing sum of annual immigration totals by sum of annual U.S. population totals for same 10 years. [2] Oct. 1, 1819-Sept. 30, 1830. [3] Oct. 1, 1830-Dec. 31, 1840. [4] Calendar years. [5] Jan. 1, 1861-June 30, 1870. [6] Incudes transition quarter, July 1 to Sept. 30, 1976.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual; and releases.

No. 128. Immigrants Admitted, by Classes: 1930 to 1984

[For years ending **June 30** except, beginning **1977**, *ending* **September 30**. For definition of immigrants, see text, pp. 83 and 84. See also *Historical Statistics, Colonial Times to 1970*, series C 143-157]

CLASS OF ADMISSION	1930	1940	1950	1955	1960	1965	1967
Annual quota	**153,714**	**153,774**	**154,206**	**154,657**	**154,887**	**156,561**	**156,261**
Immigrants admitted	**241,700**	**70,756**	**249,187**	**237,790**	**265,398**	**296,697**	**361,972**
Natives of Eastern Hemisphere	141,497	51,997	197,460	82,232	101,373	99,381	153,079
Natives of Western Hemisphere	63,147	11,985	33,238	94,274	91,701	153,199	151,034
Immediate relatives of U.S. citizens	32,105	5,474	16,275	30,882	34,215	32,714	46,903
Other	4,951	1,300	2,214	30,402	38,109	11,403	10,956
	1970	**1975**	**1980**	**1981**	**1982**	**1983**	**1984**
Immigrants, total	**373,326**	**386,194**	**530,639**	**596,600**	**594,131**	**559,763**	**543,903**
Percent of aliens admitted	7.8	5.2	(NA)	(NA)	(NA)	(NA)	(NA)
Subject to Eastern Hemisphere limitations	172,547	160,460	289,479	330,409	259,749	269,213	262,016
Subject to Western Hemisphere limitations	114,736	121,101					
Exempt from numerical limitations	86,043	104,633	241,160	266,191	334,382	290,550	281,887
Subject to limitations [1]	287,283	281,561	289,479	330,409	259,749	269,213	262,016
Relative preferences	92,432	95,945	216,856	226,576	206,065	213,488	212,324
Unmarried sons and daughters of U.S. citizens and their children (1st *preference*)	1,089	871	5,668	5,721	6,604	6,892	7,569
Spouses, unmarried sons and daughters of resident aliens, and their children (2d preference)	30,714	43,077	110,269	112,664	113,070	116,623	112,309
Married sons and daughters of U.S. citizens (4th preference) [2]	8,350	3,623	10,752	15,979	19,465	20,948	14,681
Brothers and sisters of U.S. citizens (5th preference) [2]	52,279	48,374	90,167	92,212	66,926	69,025	77,765
Occupational preferences	34,016	29,334	44,369	44,311	51,182	55,468	49,521
Immigrants in professions (3d preference)	10,142	8,363	8,238	8,103	11,981	12,338	10,691
Other workers (6th *preference*)	8,786	6,724	12,599	11,873	12,041	12,708	11,393
Their spouses and children	15,088	14,247	23,532	24,335	27,160	30,422	27,437
Conditional entrants [3]	9,663	9,129	12,222	329	(X)	(X)	(X)
Nonpreference (incl. private bill cases) [4]	36,057	25,961	(X)	(X)	(X)	(X)	(X)
Natives of Western Hemisphere, their spouses and children [5]	102,529	96,547	15,913	58,382	2,300	49	(X)
Cuban Refugee Act (Act of Nov. 1966) [6]	12,208	24,554	(X)	(X)	(X)	(X)	(X)
Other [7]	178	91	119	811	202	208	171
Exempt from numerical limitations	86,043	104,633	241,160	266,191	334,382	290,550	281,887
Immediate relatives	79,213	91,504	151,131	147,148	162,968	172,006	177,783
Wives of U.S. citizens	36,276	33,719	90,887	87,221	99,268	107,349	111,653
Husbands of U.S. citizens	15,619	21,901					
Children of U.S. citizens	18,095	22,315	26,562	25,707	28,255	29,960	31,559
Orphans adopted abroad	(NA)	5,633	5,139	4,868	5,749	7,127	8,327
Parents of U.S. citizens	9,223	13,569	33,682	34,220	35,445	34,697	34,571
Cuban Refugee Act [6]	124	879	6,021	3,961	1,965	3,274	3,460
Indochinese Act, Oct. 1977	(X)	(X)	22,497	19,589	13,666	3,122	875
Refugee Act, Oct. 1978	(X)	(X)	46,058	15,756	48,826	13,409	7,657
Asylees, Refugee Act of March 1980	(X)	(X)	1,250	1,498	1,859	2,914	5,607
Special immigrants	1,844	2,854	3,142	3,255	4,940	3,175	2,338
Ministers of *religion* [2]	1,497	1,231	1,529	1,892	2,059	1,734	1,540
Employees of the U.S. Government abroad [2]	290	1,622	1,354	720	554	529	535
Investors, INS Amendments of Dec. 1981 [2]	(X)	(X)	(X)	(X)	881	616	128
Virgin Islands *nonimmigrant*, Act of Sept. 1982 [2]	(X)	(X)	(X)	(X)	2	2,517	15
Other special immigrants	57	1	259	843	461	122	89
Children born abroad to resident aliens or subsequent to issuance of visa	3,012	3,636	4,059	3,021	3,262	3,501	3,759
Aliens adjusted [8]	1,543	591	254	165	169	144	132
Refugees, Act of March 1980	(X)	(X)	(X)	66,439	90,282	74,965	74,526
Spouses of U.S. citizens and their children, Act of April 7, 1970	9	5,057	6,612	5,211	5,430	5,786	5,464
Foreign medical graduates, INS Amendments, Dec. 1981 [2]	(X)	(X)	(X)	(X)	1,866	790	174
Others not subject to numerical limitation	298	112	136	148	132	121	141

NA Not available. X Not applicable.

[1] From 1970 to December 1976, *preference classifications* were applied only to Eastern Hemisphere immigrants; see text, pp. 83 and 84. [2] Includes spouses and children. [3] Prior to 1981, conditional entrants were a 7th preference class. *Data for* 1981 reflect visas issued in 1980. [4] Through 1975, includes private bill cases. No nonpreference visas issued since 1978. [5] No visas issued after 1982. [6] *See text*, Status of Cubans, p. 84. As of Jan. 1977, Act of Nov. 1966 not subject to numerical limitations. [7] Beginning 1980, includes private bill cases. [8] Under sections 244 and 249, Immigration and Naturalization Act.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

No. 129. Immigrants, by Country of Birth: 1961 to 1984

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 83 and 84]

Country of birth	1961–1970, total	1971–1980, total	1981–1983, total	1984
All countries	**3,321.7**	**4,493.3**	**1,750.5**	**543.9**
Europe [1]	**1,238.6**	**801.3**	**194.7**	**64.1**
Austria	13.7	4.7	1.1	.4
Belgium	8.5	4.0	1.6	.5
Czechoslovakia	21.4	10.2	2.7	1.2
Denmark	11.8	4.5	1.5	.5
Finland	5.8	3.4	1.0	.3
France	34.3	17.8	5.8	2.1
Germany	200.0	66.0	20.5	6.9
Greece	90.2	93.7	10.8	2.9
Hungary	17.3	11.6	1.9	.8
Ireland	42.4	14.1	3.0	1.2
Italy	206.7	130.1	11.5	3.1
Netherlands	27.8	10.7	3.2	1.2
Norway	16.4	4.0	1.1	.4
Poland	73.3	43.6	17.3	9.5
Portugal	79.3	104.5	13.8	3.8
Romania	14.9	17.5	7.6	4.0
Soviet Union [2]	15.7	43.2	29.9	6.1
Spain	30.5	30.0	4.8	1.4
Sweden	16.7	6.3	2.6	1.0
Switzerland	16.3	6.6	1.9	.6
United Kingdom	230.5	123.5	44.4	13.9
Yugoslavia	46.2	42.1	4.8	1.6
Asia [1]	**445.3**	**1,633.8**	**855.3**	**256.3**
China [3]	96.7	202.5	105.3	35.8
Hong Kong	25.6	47.5	15.0	5.5
India	31.2	176.8	68.7	25.0
Iran	10.4	46.2	32.6	13.8
Iraq	6.4	23.4	8.0	2.9
Israel	12.9	26.6	10.1	3.1
Japan	38.5	47.9	11.9	4.0
Asia—Con				
Jordan	14.0	29.6	9.5	2.4
Korea	35.8	272.0	97.7	33.0
Lebanon	7.5	33.8	10.4	3.2
Philippines	101.5	360.2	130.4	42.8
Thailand	5.0	44.1	16.2	4.9
Turkey	6.8	18.6	7.9	1.8
Vietnam	4.6	179.7	165.7	37.2
North America [1]	**1,351.1**	**1,645.0**	**537.0**	**166.7**
Canada	286.7	114.8	33.4	10.8
Mexico	443.3	637.2	216.5	57.6
Caribbean [1]	519.5	759.8	214.0	74.3
Barbados	9.4	20.9	6.2	1.8
Cuba	256.8	276.8	28.0	10.6
Dominican Republic	94.1	148.0	57.7	23.1
Haiti	37.5	58.7	23.9	9.8
Jamaica	71.0	142.0	61.8	19.8
Trinidad and Tobago	24.6	61.8	11.3	2.9
Central America [1]	97.7	132.4	72.7	24.1
El Salvador	15.0	34.4	23.9	8.8
Guatemala	15.4	25.6	11.6	3.9
Panama	18.4	22.7	10.5	2.3
South America [1]	**228.3**	**284.4**	**107.4**	**37.5**
Argentina	42.1	25.1	6.3	2.1
Brazil	20.5	13.7	4.6	1.8
Colombia	70.3	77.6	28.6	11.0
Ecuador	37.0	50.2	13.5	4.2
Guyana	7.1	47.5	25.8	8.4
Peru	18.6	29.1	13.2	4.4
Africa	**39.3**	**91.5**	**44.4**	**15.5**
Egypt	17.2	25.5	8.8	2.6
Australia	**9.9**	**14.3**	**3.9**	**1.3**
New Zealand	**3.7**	**5.3**	**1.9**	**.6**
Other countries	**5.5**	**17.7**	**5.9**	**1.9**

[1] Includes countries not shown separately. [2] Europe and Asia. [3] Includes Taiwan.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual; and releases.

No. 130. Immigrants Admitted as Permanent Residents Under Refugee Acts, by Country of Birth: 1961 to 1984

[For years ending June 30 except, beginning 1977, ending September 30. Covers immigrants who were allowed to enter U.S. under 1953 Refugee Relief Act and later acts; Hungarian parolees under July 1958 Act; refugee-escapee parolees under July 1960 Act; conditional entries by refugees under Oct. 1965 Act; Cuban parolees under Nov. 1966 Act; beginning 1978, Indochina refugees under Act of Oct. 1977; beginning 1980, refugee-parolees under the Act of Oct. 1978, and asylees under the Act of March 1980; and beginning 1981 refugees under the Act of March 1980]

Country of birth	1961–1970, total	1971–1980, total	1981–1983, total	1984
Total	**212,843**	**539,447**	**372,361**	**102,685**
Europe [1]	**55,235**	**71,858**	**41,943**	**10,226**
Austria	233	185	57	33
Bulgaria	1,799	1,238	244	82
Czechoslovakia	5,709	3,646	1,763	687
Germany	665	143	110	39
Greece	586	478	712	90
Hungary	4,044	4,358	582	238
Italy	1,198	346	86	19
Netherlands	3,134	8	5	3
Poland	3,198	5,882	4,636	2,673
Portugal	1,361	21	14	5
Romania	7,158	6,812	5,582	1,757
Soviet Union	871	31,309	27,602	4,404
Spain	4,114	5,317	228	87
Yugoslavia	18,299	11,297	69	21
Other Europe	2,866	818	253	88
Asia [1]	**19,895**	**210,683**	**309,831**	**85,298**
Cambodia	–	7,739	44,224	17,957
China and Taiwan	5,308	13,760	3,973	565
Indonesia	7,692	222	539	127
Japan	587	56	71	8
Korea	1,316	65	86	10
Laos	–	21,690	75,883	23,503
Vietnam	7	150,266	159,519	34,265
Other Asia	4,985	16,885	25,536	8,843
North America	**132,068**	**252,629**	**13,902**	**4,547**
Cuba	131,557	251,514	12,886	4,118
Other N. America	511	1,115	1,016	429
South America	**123**	**1,244**	**645**	**156**
Africa	**5,486**	**2,991**	**6,022**	**2,456**
Other	**36**	**42**	**18**	**2**

– Represents zero. [1] Through 1970, Turkey included in Europe; thereafter, included in Asia.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual; and releases.

No. 131. Foreign-Born Persons in the U.S. by Country of Birth and Citizenship Status: 1980

[Number of foreign-born persons as of **April 1**. Based on a sample from the **1980** census of population and subject to sampling variability. See text, p. 1 and Appendix III]

COUNTRY OF BIRTH	Foreign-born persons (1,000)	PERCENT BY YEAR OF IMMIGRATION					PERCENT BY CITIZENSHIP	
		1975-1980	1970-1974	1965-1969	1960-1964	Before 1960	Naturalized citizens	Not a citizen
Foreign-born in U.S., total	**14,079.9**	**23.7**	**15.8**	**12.8**	**9.4**	**38.2**	**50.5**	**49.5**
Europe	**4,743.6**	**8.1**	**7.5**	**9.9**	**9.2**	**65.2**	**72.3**	**27.7**
Austria	145.6	2.7	1.8	3.1	4.5	87.9	87.0	13.0
Azores	32.5	18.1	17.7	26.2	7.8	30.3	43.1	56.9
Belgium	36.5	10.6	4.6	6.0	8.7	70.2	72.4	27.6
Czechoslovakia	112.7	3.3	4.3	10.4	4.6	77.4	*87.4*	*12.6*
Denmark	42.7	8.4	3.9	6.3	8.8	72.6	72.5	27.5
Finland	29.2	10.4	4.7	7.1	7.9	69.9	69.4	30.6
France	120.2	13.9	7.2	10.1	13.7	55.0	64.1	35.9
Germany	849.4	6.2	4.4	8.0	12.6	68.8	78.6	21.4
Greece	211.0	12.9	19.1	19.9	7.9	40.3	65.0	35.0
Hungary	144.4	3.8	4.5	5.4	5.4	81.0	86.0	14.0
Ireland	197.8	3.7	3.6	5.1	9.4	78.1	*81.2*	*16.8*
Italy	831.9	4.0	8.1	10.0	8.1	69.8	77.4	22.6
Latvia	34.3	1.5	.9	1.6	2.7	93.2	80.6	19.4
Lithuania	48.2	1.5	1.2	1.8	3.0	92.6	83.9	16.1
Netherlands	103.1	8.3	4.4	7.3	13.9	66.1	68.2	31.8
Norway	63.3	5.9	2.3	3.8	5.7	82.3	77.8	22.2
Poland	418.1	6.0	5.0	6.3	8.2	74.5	*77.8*	*22.2*
Portugal	177.4	22.5	24.4	26.2	8.0	18.9	37.3	62.7
Romania	67.0	17.0	10.2	9.1	7.7	56.0	73.4	26.6
Spain	73.7	17.0	17.9	19.4	*15.0*	*30.6*	49.1	50.9
Sweden	77.2	7.9	2.8	4.3	4.5	80.5	76.8	23.2
Switzerland	42.8	14.3	5.8	8.0	9.5	62.4	67.8	32.2
United Kingdom [1]	669.1	12.7	7.0	10.8	10.7	58.8	60.0	40.0
England	442.5	14.3	7.6	11.2	10.8	56.1	58.0	42.0
Northern Ireland	19.8	8.3	7.0	8.7	11.0	65.0	66.0	34.0
Scotland	142.0	5.9	4.2	8.1	9.6	72.2	71.4	28.6
Wales	13.5	8.6	5.0	7.9	*7.5*	*71.0*	*67.4*	*32.6*
Yugoslavia	153.0	7.4	16.2	16.4	7.5	52.5	67.6	32.4
Other Europe	62.2	10.5	8.3	10.5	7.0	63.7	70.0	30.0
U.S.S.R	**406.0**	**21.1**	**3.2**	**2.3**	**3.0**	**70.4**	**72.6**	**27.4**
Asia	**2,539.8**	**47.0**	**22.4**	**12.0**	**6.0**	**12.5**	**34.8**	**65.2**
China	286.1	27.2	20.3	17.1	10.1	25.2	50.3	49.7
Hong Kong	80.4	34.9	27.6	22.1	*8.8*	*6.6*	*38.3*	*61.7*
India	206.1	43.7	33.1	14.8	4.4	3.9	24.0	76.0
Iran	121.5	71.9	12.7	5.9	3.8	5.7	14.6	85.4
Israel	67.0	34.1	18.9	*15.1*	9.9	22.0	51.8	48.2
Japan	221.8	31.6	13.6	10.8	11.9	32.1	43.3	56.7
Korea	289.9	52.3	31.6	8.7	4.3	3.1	34.6	65.4
Lebanon	52.7	48.9	18.1	8.4	4.5	20.1	41.0	59.0
Philippines	501.4	34.4	*29.2*	*17.0*	*5.5*	*13.8*	*44.7*	*55.3*
Thailand	54.8	46.3	38.3	12.5	1.6	1.2	19.7	80.3
Turkey	51.9	22.7	15.4	12.6	8.6	40.7	54.6	45.4
Vietnam	231.1	90.5	7.1	1.8	.4	.2	11.1	88.9
Other Asia	375.1	59.0	18.5	9.2	5.8	7.6	26.8	73.2
North and Central America	**4,664.9**	**25.3**	**20.9**	**16.4**	**11.8**	**25.6**	**34.9**	**65.1**
Canada	842.9	9.8	5.4	9.1	11.1	*64.7*	*61.0*	*39.0*
El Salvador	94.4	51.3	25.9	11.1	5.7	6.1	14.3	85.7
Guatemala	63.1	40.1	29.2	18.3	6.0	6.4	17.9	82.1
Mexico	2,199.2	33.0	24.7	13.0	8.9	20.3	23.6	76.4
West Indies	1,258.4	18.6	24.1	27.7	17.8	11.9	38.9	61.1
Barbados	26.8	29.6	26.3	18.1	6.3	19.8	42.4	57.6
Cuba	607.8	6.3	20.5	32.2	28.2	12.8	45.1	54.9
Dominican Republic	169.1	31.0	*25.8*	*24.9*	*12.3*	*6.1*	*25.5*	*74.5*
Haiti	92.4	33.6	31.0	23.4	7.4	4.6	26.1	73.9
Jamaica	196.8	30.6	28.0	24.1	5.6	11.6	36.3	63.7
Trinidad and Tobago	65.9	27.6	34.2	*25.8*	5.0	7.4	29.3	70.7
Other West Indies	99.4	25.2	22.0	19.8	9.0	24.0	46.8	53.2
Other North and Central America	206.9	29.8	19.2	16.5	13.5	21.0	38.6	61.4
South America	**561.0**	**32.6**	**23.6**	**20.4**	**12.6**	**10.7**	**28.9**	**71.1**
Argentina	68.9	25.3	17.9	20.9	19.4	16.5	38.8	61.2
Brazil	40.9	32.1	16.0	18.4	12.9	20.6	35.3	64.7
Colombia	143.5	29.6	25.4	24.2	13.0	7.9	24.9	75.1
Ecuador	86.1	25.5	27.7	26.0	13.1	7.6	24.7	75.3
Guyana	48.6	46.1	26.3	17.5	3.1	7.0	31.2	68.8
Peru	55.5	31.7	27.7	15.9	15.0	9.7	28.8	71.2
Other South America	117.5	40.9	21.4	15.2	*10.7*	*11.8*	*27.9*	*72.1*
Africa	**199.7**	**43.9**	**21.2**	**11.9**	**7.3**	**15.7**	**37.0**	**63.0**
North Africa	71.5	35.1	19.3	17.4	10.6	17.6	51.3	48.7
Egypt	43.4	32.4	24.1	20.6	9.8	13.1	55.2	44.8
Other Africa	128.3	48.7	22.2	8.9	5.5	14.7	29.1	70.9
All other countries	**78.9**	**35.7**	**16.6**	**12.3**	**7.2**	**28.2**	**40.7**	**59.3**
Country not reported	**886.0**	**22.0**	**13.8**	**12.2**	**9.3**	**42.8**	**68.7**	**31.3**

[1] Includes areas not shown separately.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. I, chapter D (PC80-1-D1).

No. 132. Refugee Arrivals by Selected Country of Citizenship and State: 1980 to 1984

[For fiscal years]

STATE	SOUTHEAST ASIA[1] 1980	SOUTHEAST ASIA[1] 1983	SOUTHEAST ASIA[1] 1984	East Europe[2]/ Soviet Union, 1984	Other,[3] 1984	STATE	SOUTHEAST ASIA[1] 1980	SOUTHEAST ASIA[1] 1983	SOUTHEAST ASIA[1] 1984	East Europe[2]/ Soviet Union, 1984	Other,[3] 1984
U.S	[4] 166,727	[4] 39,167	[4] 52,000	10,273	7,528	MO	1,713	394	601	183	155
						MT	540	28	28	16	5
AL	853	174	284	15	53	NE	741	89	110	45	42
AK	111	18	15	11	1	NV	719	170	264	17	103
AZ	1,254	1,007	618	73	118	NH	130	121	105	11	1
AR	1,112	110	167	39	5						
CA	48,540	11,356	16,718	2,150	2,435	NJ	1,613	415	515	331	180
						NM	1,274	143	191	16	6
CO	2,792	435	613	79	73	NY	5,938	1,867	2,130	2,292	764
CT	1,770	392	563	316	48	NC	1,734	744	546	40	45
DE	72	2	15	1	3	ND	331	34	67	108	18
DC	3,191	335	219	57	184						
FL	2,926	773	896	266	166	OH	2,465	649	849	248	86
						OK	2,204	526	646	35	62
GA	2,427	742	1,138	26	182	OR	6,213	768	953	169	41
HI	2,385	333	291	2	10	PA	6,689	1,365	1,656	303	159
ID	335	65	216	176	9	RI	1,132	323	531	30	11
IL	7,012	1,319	1,851	1,045	320						
IN	1,585	135	242	62	30	SC	573	96	110	12	11
						SD	389	56	37	64	20
IA	2,837	270	548	45	22	TN	2,032	474	561	22	61
KS	1,924	505	683	15	23	TX	12,251	4,078	4,510	498	603
KY	790	126	178	16	50	UT	3,568	554	858	122	23
LA	2,116	804	939	16	33	VT	151	89	105	7	3
ME	278	136	293	85	68						
						VA	3,153	1,149	1,564	48	404
MD	1,257	571	908	180	311	WA	7,972	1,693	2,643	177	166
MA	3,748	1,742	2,282	193	128	WV	213	11	17	4	1
MI	3,142	301	461	432	131	WS	2,492	265	499	38	41
MN	7,425	1,321	1,633	128	99	WY	113	4	9	3	7
MS	436	87	108	5	8						

[1] Vietnam, Laos, and Cambodia. [2] Czechoslovakia, Hungary, Poland, and Romania.
[3] Afghanistan, Iran, Iraq, and Ethiopia. [4] Includes those in Guam and whose destination is unknown.

Source: U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, *Report to the Congress*, annual.

No. 133. Estimated Refugee Arrivals by Selected Country of Citizenship: 1982 to 1984

[For fiscal years]

COUNTRY OF CITIZENSHIP	1982	1983	1984	COUNTRY OF CITIZENSHIP	1982	1983	1984
Total	**97,300**	**60,700**	**70,600**	Hungary	450	650	550
				Iran	–	900	2,850
Afghanistan	4,250	2,900	2,000	Iraq	2,000	1,600	150
Angola	100	–	100	Laos	9,600	2,950	7,200
Bulgaria	100	150	150	Poland	6,500	5,550	3,950
Cambodia	20,850	13,200	19,850	Romania	2,900	3,750	4,250
Cuba	500	650	50	Soviet Union	2,750	1,400	750
Czechoslovakia	700	1,250	800	Vietnam	41,700	23,050	24,950
Ethiopia	3,150	2,550	2,500	Other[1]	1,750	150	500

– Represents zero. [1] Includes those from countries other than those listed, those whose country of citizenship is unknown, and those with no country of citizenship.

Source: U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, unpublished data.

NO. 134. SOUTHEAST ASIAN REFUGEE RESETTLEMENT—ADJUSTMENT MEASURES BY LENGTH OF RESIDENCE: 1984

[**For persons 16 years old and over except as indicated.** Based on October 1984 survey of Southeast Asian refugees arriving from 1975 through April 1984, approximately 666,000. An additional 37,000 entered by December 1984]

ADJUSTMENT MEASURE	Unit	LENGTH OF RESIDENCE						
		6 months or less	7–12 months	13–18 months	19–24 months	25–30 months	31–36 months	Over 36 months
Labor force participation	Rate	30.0	36.5	37.6	45.2	48.0	42.4	74.4
Unemployment	Rate	48.6	35.5	35.9	19.4	12.7	17.7	9.0
Weekly income [1]	Dol.	190	143	156	152	167	177	249
Being trained in English	Percent	28.5	43.0	45.8	18.3	22.0	20.4	11.1
Speaking no English [2]	Percent	20.5	21.1	26.3	23.6	10.9	11.1	4.2
Speaking English well [2]	Percent	22.8	15.5	21.3	26.4	43.9	51.4	67.8
Receiving cash assistance [2 3]	Percent	70.1	74.1	61.6	52.8	44.6	57.0	38.8

[1] For employed persons. [2] For persons of all ages. [3] Persons in households receiving cash assistance.

Source: U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, *Report to the Congress*, annual.

NO. 135. CUBAN ENTRANTS—SUMMARY: 1982

[*In percent, except as indicated.* Covers 124,789 Cubans entering the United States between April 21, 1980 and October 10, 1980, all of whom were classified as "entrants (status-pending)"]

ITEM	Arrivals	ITEM	Arrivals	ITEM	Resettlements [3] (1,000)
Total (number)	**124,789**	Education: [1]		**Total**	[4] **123.5**
Sex:		None	14.8		
Male	69.6	1–6 years	33.1	By voluntary agencies	63.2
Female	30.3	7–8 years	6.7	Direct to relatives	60.3
Age:		9–12 years	26.4	Destination: [5]	
Under 18 years old	18.1	College	4.7	Florida	86.6
18–24 years	16.5	Unknown	12.5	New Jersey	8.0
25–29 years	16.0	Occupation: [2]		New York	6.4
30–34 years	13.6	Structural	30.6	California	5.7
35–44 years	17.6	Service	16.1	Texas	2.0
45–64 years	13.7	Prof./tech./managerial	11.9	Illinois	1.9
65 and over	3.9	Machine	10.6	Pennsylvania	1.1
Unknown	.6	Clerical/sales	5.4	Other	11.8

[1] Based on 79,467 responses collected at the Fort McCoy and Fort Chaffee processing centers. [2] Based on 39,229 codable responses, classified according to the U.S. Department of Labor's *Dictionary of Occupational Titles*, 1977. [3] As of December 31, 1982. [4] Excludes detainees in Federal corrections institutions and other Federal long-term care facilities. [5] Based on sponsor or location of relatives; does not reflect secondary migration.

Source: U.S. Department of Justice, Community Relations Service, unpublished data.

NO. 136. ENTRIES OF ALIENS AND CITIZENS OVER INTERNATIONAL LAND BOUNDARIES: 1950 TO 1984

[**In millions.** For years ending **June 30** except, beginning **1977**, ending **September 30.** Each entry of same person counted separately. Partially estimated]

YEAR	ALL ENTRIES			VIA CANADIAN BORDER			VIA MEXICAN BORDER		
	Total	Aliens	Citizens	Total	Aliens	Citizens	Total	Aliens	Citizens
1950	87.5	41.3	46.2	38.8	16.6	22.1	48.7	24.7	24.1
1955	119.8	61.6	58.2	48.0	24.8	23.2	71.8	36.8	35.0
1960	154.0	89.0	65.0	55.5	29.8	25.7	98.5	59.2	39.3
1965	175.8	101.8	74.0	59.8	33.3	26.5	116.0	68.5	47.5
1970	216.0	126.5	89.6	71.6	39.8	31.8	144.4	86.7	57.7
1973	238.3	138.4	99.9	77.4	42.5	34.8	160.9	95.8	65.1
1974	245.3	143.7	101.6	75.7	42.1	33.7	169.6	101.7	67.9
1975	236.8	141.1	95.7	78.4	43.6	34.8	158.4	97.5	60.9
1976	249.8	152.2	97.6	81.7	46.5	35.2	168.1	105.7	62.4
1977	242.4	150.3	92.1	85.6	49.9	35.7	156.8	100.4	56.4
1978	251.2	155.0	96.3	87.6	51.7	35.9	163.6	103.2	60.4
1979	245.2	152.3	92.9	81.5	47.8	33.7	163.7	104.5	59.2
1980	277.0	171.0	106.0	92.2	53.8	38.4	184.9	117.2	67.6
1981	289.1	176.3	112.8	98.9	57.1	41.9	190.1	119.2	70.9
1982	277.2	170.4	106.8	86.1	51.2	36.9	189.1	119.2	69.9
1983	269.7	162.3	107.4	93.2	54.6	38.6	176.5	107.7	68.8
1984	270.3	162.8	107.5	93.0	54.8	38.2	177.3	108.0	69.3

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

NO. 137. FOREIGN LABORERS ADMITTED, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1960 TO 1982

[For years ending **June 30** except, beginning **1977**, ending **September 30.** Covers workers admitted after U.S. Dept. of Labor certification as to need for temporary agricultural workers. For data on temporary workers admitted under Immigration and Nationality Act, see table 141. Mexican agricultural laborers were employed under the provisions of Public Law 78 from 1949 until December 31, 1964. After that date, Mexican agricultural laborers, like workers from other countries, entered the United States under the Immigration and Nationality Act, which provides for the importation of foreign workers if like workers are not available in the United States]

COUNTRY	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Total	[1] 447,207	155,761	47,483	25,434	21,671	18,679	18,213	16,548	16,190	10,334
Agricultural laborers:										
Mexico	427,240	[2] 103,563	-	-	-	-	-	-	-	-
Canada	7,804	8,149	3,156	970	399	312	287	391	454	506
West Indies	10,874	15,397	15,895	11,245	11,661	10,955	12,246	11,004	11,566	6,374
Japan	969	31	-	-	-	-	-	-	-	-
Spain (Basque sheepherders)	213	453	463	211	206	274	258	149	206	185
Others:										
Canadian woodsmen	(NA)	13,281	8,238	3,671	2,303	2,059	1,534	1,244	910	724
U.S. Virgin Island workers	(NA)	13,514	15,459	7,286	4,304	3,077	2,713	2,355	2,719	2,208
Workers admitted into Guam	-	1,373	4,272	2,051	2,798	2,002	1,175	1,405	335	337

- Represents zero. NA Not available. [1] Includes British Honduras, not shown separately.
[2] Includes 100,876 Mexican laborers admitted under Public Law 78 prior to Dec. 31, 1964.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual.

NO. 138. ALIENS ADMITTED AND EXPELLED: 1961 TO 1984

[**In thousands, except percent.** For 1961–1975, years ending **June 30,** thereafter years ending **September 30,** except as noted. See also *Historical Statistics, Colonial Times to 1970,* series C 144, C 149, and C 158–160]

STATUS	1961–1970	1971–1980	1970	1975	1979	1980	1981	1982	1983	1984
Aliens admitted	27,429	(NA)	4,805	7,470	(NA)	(NA)	12,251	12,367	(NA)	(NA)
Immigrant	3,322	4,494	373	386	460	531	597	594	560	544
Nonimmigrant	24,107	[1] 64,314	4,432	7,084	[2] 7,060	(NA)	11,757	11,773	[3] 9,849	(NA)
Aliens expelled	1,431	7,478	320	679	992	736	837	824	1,197	[4] 1,379
Deported	96	232	17	23	26	17	17	14	17	[4] 20
By cause (percent):										
Entry without inspection or by false statements	45.2	73.8	47.6	70.5	87.0	84.0	82.6	81.4	79.6	(NA)
Failure to maintain or comply with conditions of nonimmigrant status	32.5	14.6	26.3	15.6	7.3	10.2	11.6	12.1	10.8	(NA)
Criminal	3.8	1.1	1.6	1.0	1.0	1.1	1.2	1.6	3.2	(NA)
Violation of narcotic laws	1.5	1.6	1.2	2.5	1.0	1.1	1.0	1.2	1.8	(NA)
Previously excluded or deported	3.7	1.8	2.3	2.2	.8	.8	.7	.6	.7	(NA)
Entry without proper documents	12.3	7.1	20.8	8.1	2.7	2.8	2.8	2.9	2.7	(NA)
Other	.9	.1	.3	.1	.1	.1	.1	.2	1.2	(NA)
Required to depart	1,334	7,247	303	656	966	719	820	810	1,180	[4] 1,359
Deportable aliens located	1,808	8,319	345	767	1,076	910	976	970	1,251	1,245
Entry without inspection	780	7,345	244	668	1,003	835	899	902	1,190	1,194
From Mexico	756	7,463	240	655	978	817	883	893	1,172	1,157

NA Not available. [1] Covers 1971–June 30, 1979. [2] Includes only 9 months; Oct. 1, 1978–June 30, 1979.
[3] Calendar year. [4] Preliminary.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual.

NO. 139. IMMIGRATION AND NATIONALITY VIOLATIONS—SUMMARY: 1970 TO 1984

[For years ending **June 30** except, beginning **1977,** ending **September 30**]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Prosecutions disposed of	6,034	14,172	17,176	16,796	17,398	14,863	16,005	14,138	16,493	17,980
Immigration violations	5,510	13,947	16,797	16,445	16,970	14,498	15,602	13,712	15,848	17,107
Nationality violations	524	225	379	351	428	365	403	426	645	873
Convictions	5,497	12,811	15,388	15,348	15,463	12,935	12,771	10,320	11,233	10,546
Immigration violations	4,991	12,676	15,223	15,140	15,163	12,678	12,509	10,058	10,947	10,266
Percent of prosecutions	90.6	90.9	90.6	92.1	89.4	87.4	80.2	73.4	69.1	60.0
Nationality violations	506	135	165	208	300	257	262	262	286	280
Percent of prosecutions	96.6	60.0	43.5	59.3	69.6	72.3	65.0	61.5	44.3	32.1
Aggregate fines ($1,000)	250	755	879	786	607	822	673	878	504	1,285
Aggregate imprisonment (years)	4,042	5,313	6,478	7,597	7,868	6,361	5,605	4,891	5,451	5,701

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual.

No. 140. Immigration Border Patrol and Investigation Activities: 1970 to 1984

[In thousands, except as indicated. For years ending June 30 except, beginning 1977, ending September 30]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
BORDER PATROL										
Border patrol agents:										
Authorized (number)	1,724	1,803	2,057	2,189	2,339	2,484	2,289	2,429	2,413	2,409
On duty (number)	1,708	1,708	1,990	2,075	1,909	2,329	2,218	2,186	2,291	2,281
Border patrol obligations ($1,000)	28,447	55,254	70,644	72,231	71,021	82,534	85,610	98,774	110,174	114,088
Persons apprehended [1]	233.9	602.2	820.4	870.6	896.9	766.6	833.2	828.0	1,115.4	1,135.0
Deportable aliens located	231.1	596.8	812.6	862.3	888.7	759.4	825.3	819.9	1,105.7	1,138.6
Mexican	219.3	579.4	792.6	841.5	866.8	734.2	797.9	795.4	1,076.3	1,102.6
Canadian	7.6	7.3	5.8	6.5	5.7	5.3	5.8	5.7	5.9	5.8
Other	4.1	10.1	14.2	14.3	16.2	19.9	21.6	18.8	23.5	30.2
Smugglers of aliens located	3.3	6.9	12.4	13.3	15.3	13.1	12.6	11.8	13.4	13.5
Smuggled aliens apprehended	18.7	80.4	138.8	159.2	172.7	112.6	90.1	80.4	86.7	91.7
Aliens located:										
Previously expelled	67.4	184.6	241.1	266.8	259.1	211.0	256.9	244.1	328.1	331.4
Previous criminal record	3.8	10.3	12.3	11.9	12.4	11.3	12.5	9.3	9.2	8.7
Conveyances examined	1,792	3,470	3,277	3,658	4,030	3,849	4,639	5,371	5,489	5,144
Automobiles	1,311	2,663	2,647	2,543	2,791	2,590	3,074	3,613	3,861	3,710
Persons questioned [2]	6,805	11,265	11,606	11,343	11,900	10,844	12,492	14,238	14,474	14,279
In automobiles	3,416	6,888	6,844	6,643	6,841	6,328	7,187	8,477	8,722	8,928
Pedestrians	1,661	2,056	2,333	2,186	2,314	1,706	1,862	1,965	2,119	2,089
Number of seizures	320	917	736	564	421	1,920	2,441	4,033	5,807	6,456
Value of seizures ($1,000)	4,547	28,654	19,557	8,348	9,967	116,115	17,348	15,178	43,536	60,903
Narcotics ($1,000)	3,865	26,302	17,071	6,251	8,448	110,272	10,236	5,242	28,729	43,475
INVESTIGATION										
Deportable aliens located	114.1	169.8	229.7	195.7	187.7	150.9	128.1	142.8	140.8	102.9
Mexican	58.1	100.9	162.2	135.1	132.1	83.3	76.2	92.1	96.0	66.2
Canadian	3.5	.9	1.8	1.6	1.7	1.5	1.5	1.6	1.5	1.1
Other	52.5	68.0	65.7	58.8	53.9	66.1	50.4	49.1	43.3	35.6

[1] Covers deportable aliens located and U.S. citizens engaged in smuggling or other immigration violations.
[2] Includes types not shown separately.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual; and unpublished data.

No. 141. Nonimmigrants Admitted, by Classes: 1970 to 1983

[In thousands, except as noted. 1970 and 1975, for years ending June 30. Beginning 1977, ending September 30 except as noted. For definition of nonimmigrants, see text, p. 83. Excludes border crossers, crewmen, and insular travelers. See also *Historical Statistics, Colonial Times to 1970*, series C 149–157]

CLASS OF ADMISSION	1970	1975	1977	1978	1979 [1]	1981	1982	1983 [2]
Nonimmigrants	**4,431.9**	**7,083.9**	**8,036.9**	**9,343.7**	**7,060.1**	**[3] 11,756.9**	**[3] 11,779.4**	**[3] 9,849.4**
Temporary visitors, total	3,345.2	5,587.4	6,381.4	7,443.4	5,731.1	10,650.6	10,627.6	8,532.2
Percent of total	75.5	78.9	79.4	79.7	81.2	90.6	90.2	86.6
For pleasure	3,020.4	5,060.0	5,697.3	6,642.7	5,068.5	9,515.2	9,401.1	6,766.4
For business	324.8	527.4	684.1	800.7	662.6	1,135.4	1,226.4	1,765.8
Returning resident aliens [4]	493.5	800.0	897.7	1,053.6	790.9	(X)	(X)	(X)
Transit aliens	231.9	273.0	252.1	273.1	176.3	214.1	189.5	269.0
Foreign government officials [5]	50.5	68.4	71.2	83.8	48.2	84.7	91.1	92.6
Treaty traders and investors	19.2	35.0	44.0	50.4	37.0	80.8	94.7	92.8
Students [5]	107.3	118.0	171.0	206.7	120.6	271.9	294.6	316.2
Representatives to international organizations [5]	23.8	32.6	38.2	44.0	27.8	54.2	55.0	58.8
Temporary workers and industrial trainees	86.5	67.3	56.3	51.3	38.2	54.9	63.9	72.4
Workers of distinguished merit and ability	11.1	15.6	15.7	16.8	15.1	(NA)	(NA)	(NA)
Other temporary workers	69.3	37.5	27.7	22.9	15.5	(NA)	(NA)	(NA)
Industrial trainees	5.3	3.8	3.2	3.3	2.4	(NA)	(NA)	(NA)
Their spouses and children	.8	10.6	9.7	8.3	5.3	10.1	11.5	10.8
Representatives of foreign information media	4.7	6.1	8.4	10.0	7.9	16.7	13.5	16.3
Exchange visitors [5]	66.6	63.4	71.5	75.1	42.3	108.0	115.4	118.5
NATO officials [5]	2.3	4.0	5.1	5.9	4.5	7.1	6.8	6.8
Fiances(ees) of U.S. citizens [6]	.1	6.4	7.2	6.4	7.6	6.2	7.5	7.2
Intracompany transferees [5]	.4	22.3	32.8	40.0	27.7	65.0	81.0	104.6

NA Not available. X Not applicable. [1] Includes only 9 months; Oct. 1, 1978–June 30, 1979. [2] Calendar year. [3] Includes nonimmigrants admitted whose class was unknown. [4] For 1970–1979, returning resident aliens who had once been counted as immigrants were included with nonimmigrants. [5] Includes spouses and children. [6] Includes children of fiances(ees) of U.S. citizens.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

No. 142. Nonimmigrants Admitted, by Country of Last Permanent Residence: 1975 to 1983

[**In thousands.** For **1975** year ending **June 30**, thereafter years ending **September 30, except as noted.** For definition of nonimmigrants, see text, p. 83. Excludes border crossers, crewmen, and insular travelers. Students and others entering with multiple entry documents are only counted on the first admission. **1975** includes returning resident aliens admitted with documents in addition to the Alien Registration Receipt Card. Beginning **1981**, excludes returning resident aliens]

COUNTRY	1975	1981	1982	1983[1]	COUNTRY	1975	1981	1982	1983[1]
Total	**7,084**	**11,757**	**11,779**	**9,849**	**Europe**[2]	**1,625**	**4,537**	**4,280**	**3,290**
					Austria	22	58	56	48
America[2]	**4,101**	**4,266**	**4,141**	**3,290**	Belgium	35	118	94	73
Argentina	88	227	89	95	Denmark	27	62	64	52
Bahamas	85	172	205	274	France	174	441	467	336
Brazil	99	201	251	215	Germany	320	754	716	445
Canada	345	135	129	183	Greece	31	66	64	47
Colombia	65	206	233	257	Ireland	29	101	98	67
Dominican Republic	79	78	78	112					
Ecuador	26	82	65	50	Italy	113	264	270	223
Guatemala	28	83	93	96	Netherlands	79	217	211	156
Haiti	21	43	59	87	Norway	35	84	101	70
Jamaica	77	112	136	160	Poland	22	41	15	16
Mexico	1,979	1,767	1,548	669	Portugal	14	33	35	22
Panama	27	52	56	69					
Peru	42	72	94	90	Spain	47	144	143	120
Trinidad and Tobago	24	81	104	121	Sweden	57	174	177	118
Venezuela	98	530	577	285	Switzerland	71	183	173	158
					U.S.S.R.[4]	10	10	10	6
Asia[2]	**1,093**	**2,290**	**2,595**	**2,317**	United Kingdom	483	1,669	1,472	1,092
China[3]	20	111	142	137	Yugoslavia	16	29	24	17
Hong Kong	35	75	89	102					
India	37	88	100	72	**Africa**	**63**	**225**	**224**	**196**
Iran	29	17	23	22	**Australia and New Zealand**	**172**	**339**	**385**	**311**
Israel	51	131	135	114	**Other countries**	**30**	**99**	**154**	**450**
Japan	791	1,372	1,529	1,335					
Korea	20	77	102	77					
Philippines	32	100	114	93					

[1] Calendar year. [2] Includes countries not shown separately. [3] Includes Taiwan. [4] Europe and Asia.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

No. 143. Alien Naturalization—Declarations, Petitions, and Certificates: 1907 to 1983

[**In thousands.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** National data not compiled prior to 1907. Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series C 168 and C 180]

PERIOD OR YEAR	Declarations filed[1]	PETITIONS[2]		CERTIFICATES ISSUED				
		Filed	Denied	Total	Status		Sex	
					Civilian	Military	Male	Female
Total, 1907–1983	**8,818.5**	**11,564.7**	**503.0**	**[3] 10,813.3**	**10,187.6**	**625.7**	**5,007.9**	**4,212.5**
1907–1910	526.3	164.0	17.7	111.7	111.7	–	(NA)	(NA)
1911–1920	2,686.9	1,381.4	118.7	1,129.0	884.7	244.3	(NA)	(NA)
1921–1930	2,709.0	1,884.3	165.5	[3] 1,773.2	1,717.0	56.2	[4] 1,166.2	[4] 255.2
1931–1940	1,369.5	1,637.1	45.8	1,518.5	1,498.6	19.9	968.4	550.1
1941–1950	920.3	1,938.1	64.8	1,987.0	1,837.2	149.8	941.5	1,045.5
1951–1960	323.8	[5] 1,230.5	27.6	[5] 1,189.9	1,148.2	41.7	503.5	686.4
1961–1970	144.9	1,143.0	23.6	1,120.3	1,084.2	36.1	513.5	606.8
1971–1980	124.1	1,556.3	28.0	1,464.8	1,397.8	66.9	676.5	788.2
1950	93.5	66.0	2.3	66.4	64.3	2.1	25.7	40.6
1955	10.9	[5] 213.5	4.6	[5] 209.6	197.6	12.0	95.9	113.7
1960	16.3	127.5	2.3	119.4	117.8	1.6	50.9	68.5
1965	13.1	106.8	2.1	104.3	101.2	3.1	48.5	55.8
1970	18.8	114.8	2.0	110.4	99.8	10.6	52.7	57.7
1972	21.2	121.9	1.8	116.2	107.7	8.5	55.4	60.8
1973	17.4	126.9	1.7	120.7	112.9	7.8	56.9	63.8
1974	14.0	136.2	2.2	131.7	124.9	6.8	60.8	70.8
1975	12.2	149.4	2.3	141.5	135.3	6.2	66.6	75.0
1976	10.7	157.9	2.2	142.5	136.9	5.6	66.0	76.5
1977	7.5	186.4	2.8	159.9	154.7	5.3	73.4	86.5
1978	7.3	168.9	3.9	173.5	168.4	5.1	78.7	94.8
1979	6.0	165.4	4.0	164.2	158.3	5.9	74.7	89.4
1980	5.4	192.2	4.4	157.9	153.3	4.6	70.7	87.3
1981	4.9	171.1	4.3	166.3	162.2	4.1	75.6	90.8
1982	4.8	201.5	3.9	173.7	170.1	3.6	79.4	94.3
1983	4.0	257.4	3.2	[3] 178.9	175.7	3.2	83.4	95.3

– Represents zero. NA Not available. [1] Declaration of intention to become citizen.
[2] Petition for naturalization. [3] Includes certificates not distributed by sex.
[4] 1923–1930 only. [5] Includes aliens serving in U.S. Armed Forces who were naturalized abroad.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

No. 144. Aliens Naturalized—Characteristics: 1960 to 1983

[For years ending **June 30** except, beginning **1978,** *ending* **September 30.** Includes U.S. outlying areas. For definition of median, see *Guide to Tabular Presentation.* See also *Historical Statistics, Colonial Times to 1970,* series C 162-167 and C 170-171]

CHARACTERISTIC	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Total naturalized	**119,442**	**104,299**	**110,399**	**141,537**	**173,535**	**164,150**	**157,938**	**166,317**	**173,688**	[1] **178,948**
Under general naturalization provisions [2]	91,548	76,630	79,761	113,289	143,133	132,533	129,404	139,909	146,785	154,990
Under special provisions	27,894	27,669	30,638	28,248	30,402	31,617	28,534	26,408	26,903	23,884
Married to U.S. citizens	19,799	16,602	14,899	15,416	16,207	15,293	13,904	14,147	*14,929*	*13,146*
Children of U.S. citizens [3]	6,149	7,914	5,023	6,568	9,035	10,408	9,960	8,083	8,333	7,485
Filipinos [4]	88	3	–	–	–	1	1	5	4	–
Military	1,594	3,085	10,616	6,214	5,126	5,874	4,595	4,090	3,617	3,196
Other	264	65	100	50	34	41	74	83	20	57
By sex and marital status:										
Males [5]	50,896	48,495	52,666	66,587	78,746	74,706	70,653	75,567	79,393	83,446
Single	14,341	15,356	14,196	17,789	20,186	20,445	18,296	19,635	21,493	23,062
Married	34,517	31,766	36,979	46,723	55,569	51,168	49,243	52,598	54,579	56,757
Widowed	1,183	593	397	401	406	427	523	535	516	503
Divorced [6]	852	773	1,088	1,674	2,585	2,666	2,591	*2,779*	*2,798*	*2,926*
Females [5]	68,546	55,804	57,733	74,950	94,789	89,444	87,285	90,750	94,295	95,344
Single	10,330	11,746	11,458	15,392	19,641	19,718	18,652	19,002	20,035	10,619
Married	52,252	40,483	42,128	54,487	68,591	62,957	*61,296*	*63,789*	*66,424*	*66,431*
Widowed	4,694	2,416	2,240	2,171	2,322	2,476	2,884	3,088	3,023	2,847
Divorced [6]	1,262	1,156	1,001	2,900	4,235	4,293	4,453	4,852	4,803	4,981
Males per 1,000 females	743	869	912	868	831	835	809	833	842	875
Median age (years)	38.0	34.1	35.1	34.9	35.3	34.7	35.1	35.1	34.9	34.7
Male (years)	38.9	34.6	35.4	35.7	35.9	35.1	35.8	35.5	35.1	35.1
Female (years)	37.3	33.7	34.8	34.3	34.8	34.5	34.7	34.8	34.6	*34.5*

– Represents zero. [1] Includes 74 naturalizations unknown by type of provision and 158 unknown by sex. [2] See text, p. 84. [3] Includes *adopted children.* [4] With U.S. residence beginning prior to May 1, 1934. [5] Through 1970 and beginning 1981, includes status unknown, not shown separately. [6] Includes separated.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual; and releases.

No. 145. Aliens Naturalized, by Country of Former Allegiance, and by State of Residence: 1980 to 1983

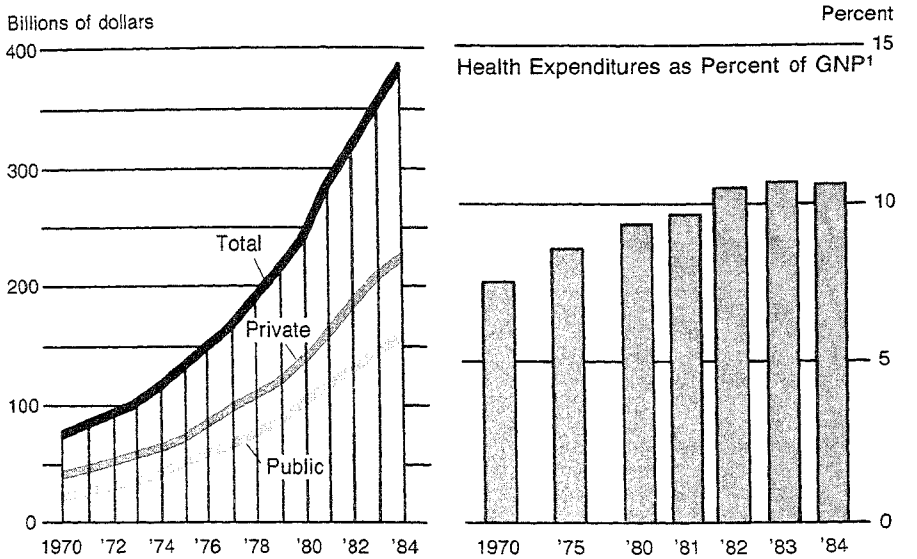
[For years ending **September 30.** Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970,* series C 169-179]

COUNTRY OF FORMER ALLEGIANCE	1980	1982	1983		STATE OR AREA OF RESIDENCE	1980	1982	1983	
			Number	Percent				Number	Percent
Total	**157,938**	**173,688**	**178,948**	**100.0**	**Total**	**157,938**	**173,688**	**178,948**	**100.0**
Canada	2,823	2,672	2,937	1.6	Arizona	1,044	2,083	2,328	1.3
Central America [1]	4,195	4,842	4,861	2.7	California	39,424	33,658	33,411	18.7
China [2]	12,524	11,627	11,952	6.7	Colorado	1,478	2,143	1,306	.7
Colombia	2,940	3,161	2,952	1.6	Connecticut	2,575	2,926	2,706	1.5
Czechoslovakia	775	434	409	.2	Florida	11,417	10,137	12,617	7.1
Egypt	1,213	1,046	1,109	.6	Georgia	985	1,193	1,654	.9
Germany	2,922	2,926	2,954	1.7	Hawaii	3,473	2,750	6,668	3.7
Greece	3,685	4,397	3,458	1.9	*Illinois*	8,039	6,646	12,385	6.9
India	6,552	6,298	8,819	4.9	Indiana	1,086	1,253	1,353	.8
Italy	5,410	4,078	3,685	2.1	Maryland	3,610	2,972	3,880	2.2
Israel	1,260	1,796	1,793	1.0	Massachusetts	6,269	6,690	5,348	3.0
Korea	14,703	13,488	12,808	7.2	Michigan	3,714	4,638	*5,251*	*2.9*
Mexico	9,341	11,423	12,594	7.0	Minnesota	1,515	2,152	1,953	1.1
Philippines	17,683	17,697	22,103	12.4	Missouri	1,062	1,704	1,291	.7
Poland	1,996	2,121	2,428	1.4	New Jersey	11,465	10,742	10,749	6.0
Portugal	3,631	3,085	2,736	1.5	New York	29,557	37,122	32,410	18.1
United Kingdom [3]	7,282	8,456	7,882	4.4	Ohio	2,916	3,976	3,428	1.9
Vietnam	1,826	12,716	11,188	6.3	*Oregon*	1,173	1,569	1,241	.7
Caribbean [1]	25,426	23,630	23,718	13.3	Pennsylvania	4,192	5,969	4,826	2.7
Cuba	12,717	9,551	10,365	5.8	Texas	4,705	9,137	11,091	6.2
Dominican Rep	3,392	5,369	4,828	2.7	Virginia	1,653	1,988	2,206	1.2
Haiti	1,748	2,083	2,169	1.2	*Washington*	2,222	*3,375*	*3,360*	*1.9*
Jamaica	5,840	4,565	3,938	2.2	Wisconsin	1,237	1,440	806	.5
Other Caribbean	1,729	2,062	2,418	1.4	Guam	812	842	1,931	1.1
Yugoslavia	2,021	1,729	1,682	.9	Puerto Rico	*1,265*	*1,303*	*709*	.4
Other	29,708	34,066	36,880	20.6	Other	11,050	15,280	14,038	7.8

[1] Independent countries. [2] Includes Taiwan. [3] Includes colonies and dependencies.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual; and releases.

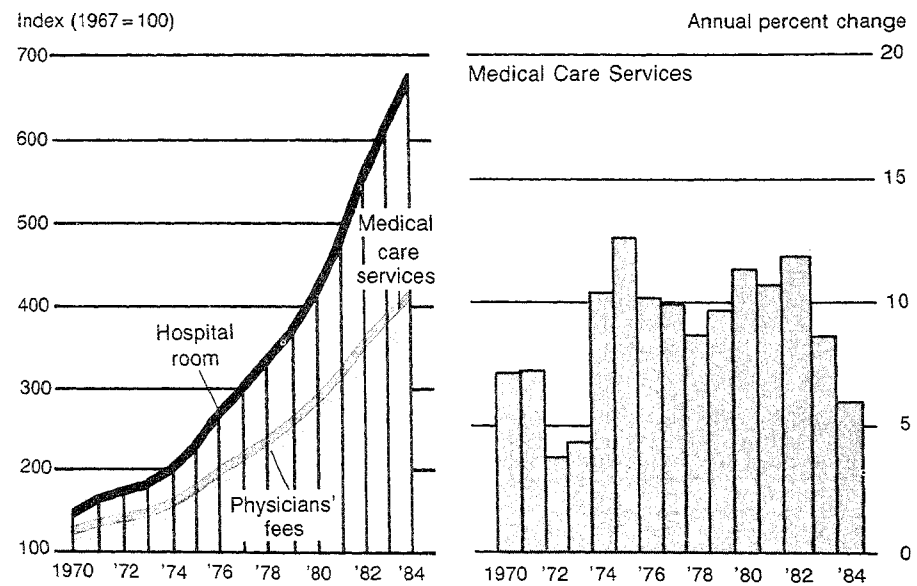
Figure 4.1
National Health Expenditures: 1970 to 1984



[1] Gross national product.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 146.

Figure 4.2
Indexes of Medical Care Prices: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 155.

1986

Section 4

Health and Nutrition

This section presents statistics on health expenditures and insurance coverage; medical personnel; hospitals; nursing homes and other care facilities; incidence of acute and chronic conditions; nutritional intake of the population; per capita food consumption; and Federal food programs. Summary statistics showing recent trends on health care and discussions of selected health issues are published annually by the U.S. National Center for Health Statistics (NCHS) in *Health, United States.* Data on national health expenditures, medical costs, and insurance coverage are compiled by the U.S. Health Care Financing Administration (HCFA), and appear in the quarterly *Health Care Financing Review.* Statistics on health personnel and facilities are collected by NCHS and are published in series 14 of *Vital and Health Statistics.* Statistics on hospitals are published annually by the American Hospital Association, Chicago, IL, in *Hospital Statistics.* Primary sources for data on nutrition and Federal food programs are the quarterly *National Food Review* and the annual *Agricultural Statistics,* both issued by the U.S. Department of Agriculture. In addition, NCHS conducts periodic surveys of nutrient levels in the population and clinical signs of malnutrition.

National health expenditures.—The HCFA compiles estimates of national health expenditures (NHE) to measure spending for health care in the U.S. The NHE accounts are structured to show spending by type of expenditure (i.e., hospital care, physician care, dental care, other professional care, drugs and medical sundries, medical durable equipment, nursing home care and other personal health expenditures, plus non-personal health expenditures for such items as public health, research, construction of medical facilities, and administration) and by source of funding (e.g., private health insurance, direct payments, and a range of public programs including Medicare, Medicaid and Veterans Administration (VA)).

In all cases except private insurance (HCFA conducts its own survey of part of the health insurance industry), data used to estimate health expenditures come from existing sources which are tabulated for other purposes. The type of expenditure estimates rely upon statistics produced by such groups as the American Hospital Association, the Internal Revenue Service, the Department of Commerce, and the Department of Health and Human Services (HHS). Source of funding estimates are constructed using administrative and statistical records from: the Medicare and Medicaid programs, the Department of Defense and VA medical programs, the Social Security Administration, Census Bureau's *Governmental Finances,* State and local governments, other HHS agencies, and other nongovernment sources. Detailed descriptions of sources and methods, along with the most recent analysis of health care expenditure estimates, are published in the *Health Care Financing Review's* annual article on national health expenditures.

Health resources.—Hospital statistics based on data from the American Hospital Association's yearly survey are published annually in *Hospital Statistics,* and cover all hospitals accepted for registration by the Association. To be accepted for registration, a hospital must meet certain requirements relating to number of beds, construction, equipment, medical and nursing staff, patient care, clinical records, surgical and obstetrical facilities, diagnostic and treatment facilities, laboratory services, etc. Data obtained from NCHS cover all U.S. hospitals which meet certain criteria for inclusion. They are published in *Vital and Health Statistics* reports, series 14. In these reports, a hospital is defined as a facility with at least six inpatient beds that is licensed as a hospital by a State, or is operated as a hospital by a Federal or State agency.

Statistics on the demographic characteristics of persons employed in the health occupations are based on data compiled by the U.S. Bureau of Labor Statistics and reported in *Employment and Earnings* (monthly). Data based on sample surveys of health personnel and utilization of health facilities providing long-term care, ambulatory care, and hospital care are presented in NCHS series 13 and series 14, *Health Resources Utilization Data* and *Manpower and Facilities Data.* Statistics on patient visits to health care providers, as reported in health interviews, appear in NCHS series 10, *National Health Interview Survey Data.*

The HCFA's *Health Care Financing Review, Health Care Financing Program Statistics* and *Notes* series present data for hospitals and nursing homes as well as extended care facilities and home health agencies. These data are based on records of the Federal Health Insurance for the Aged

and Disabled program (Medicare) and differ from those of other sources because they are limited to facilities meeting Federal eligibility standards for participation in Medicare.

Data on patients in hospitals for the mentally ill and on mental health facilities are collected by the National Institute of Mental Health (NIMH) and appear in the *Mental Health Statistics* reports, series CN, and the Mental Health Statistical Note series.

Institutional population data based on the decennial censuses of the population include information on persons in hospitals, in homes for the aged and dependent, and in other group quarters (see tables 73 and 74).

Disability and illness.—General health statistics, including morbidity, disability, injuries, preventive care, and findings from physiological testing, are collected by NCHS in its National Health Interview Survey and its National Health and Nutrition Examination Surveys and appear in *Vital and Health Statistics*, series 10 and 11, respectively. The Department of Labor compiles statistics on industrial injuries (see Section 14). Annual incidence data on notifiable diseases are compiled by the Public Health Service (PHS) at its Centers for Disease Control in Atlanta, Georgia, and are published as a supplement to its *Morbidity and Mortality Weekly Report.* The list of diseases is revised annually and includes those which, by mutual agreement of the States and PHS, are communicable diseases of national importance.

Nutrition.—Statistics on annual per capita consumption of food and its nutrient value are estimated by the U.S. Department of Agriculture and published in *National Food Review.* Historical data can be found in *Food Consumption, Prices, and Expenditures,* issued annually. Data on the National School Lunch Program, the Food Stamp Program, and other food programs are published annually in *Agricultural Statistics.*

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to data from NCHS and the Health Care Financing Administration, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986.* For cross-references, see Appendix VI.

No. 146. National Health Expenditures: 1960 to 1984

[Includes Puerto Rico and outlying areas]

Year	Total [1] (bil. dol.)	Per capita (dol.)	Percent of GNP [2]	Health services and supplies: Private: Total [3] (bil. dol.)	Private: Direct patient payments: Total (bil. dol.)	Private: Direct patient payments: Percent of total private	Private: Insurance premiums [4] (bil. dol.)	Public: Total [5] (bil. dol.)	Public: Total [5] Percent of total health expend	Public: Medical payments: Medicare (bil. dol.)	Public: Medical payments: Public assistance (bil. dol.)
1960	26.9	146	5.3	19.6	13.0	66.3	5.8	5.6	20.8	(X)	.5
1965	41.9	207	6.1	29.5	18.5	62.8	10.0	8.9	21.3	(X)	2.1
1970	75.0	350	7.6	44.7	26.5	59.3	16.9	24.9	33.2	7.5	6.3
1971	83.5	386	7.7	48.9	28.1	57.4	19.3	28.4	34.0	8.3	8.1
1972	94.0	430	7.9	55.3	30.6	55.4	22.2	32.1	34.1	9.1	9.1
1973	103.4	469	7.8	60.7	33.3	54.8	24.7	35.8	34.6	10.1	10.3
1974	116.1	522	8.1	65.8	36.2	55.0	27.9	42.9	36.9	13.1	12.1
1975	132.7	591	8.6	73.0	38.1	52.2	33.2	51.3	38.6	16.3	15.1
1976	150.8	666	8.8	84.5	42.0	49.8	40.4	57.3	38.0	19.3	16.9
1977	169.9	743	8.9	96.7	46.4	48.1	48.0	64.0	37.7	22.5	18.9
1978	189.7	822	8.8	106.6	50.7	47.6	53.6	73.3	38.7	25.9	21.1
1979	214.7	920	8.9	120.4	55.8	46.4	62.0	83.8	39.0	30.3	24.3
1980	247.5	1,049	9.4	137.9	62.5	45.3	72.5	97.7	39.5	36.8	28.1
1981	285.2	1,197	9.6	159.0	70.8	44.5	84.8	113.1	39.6	44.7	32.3
1982	321.2	1,334	10.5	180.0	77.2	42.9	99.0	127.0	39.5	52.4	34.9
1983	355.1	1,461	10.7	200.2	86.4	43.1	109.7	139.6	39.3	58.8	37.7
1984	387.4	1,580	10.6	220.3	95.4	43.3	120.5	151.2	39.0	64.6	40.6

X Not applicable. [1] Includes medical research and medical facilities construction. [2] GNP=Gross national product; see table 718. [3] Includes other sources of funds not shown separately. [4] See footnote 3, table 147. [5] Includes other programs, not shown separately.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* Fall 1985.

NO. 147. NATIONAL HEALTH EXPENDITURES, BY TYPE: 1970 TO 1984

[In millions of dollars, except percent. Includes Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series B 248-261]

TYPE OF EXPENDITURE	1970	1975	1978	1979	1980	1981	1982	1983	1984
Total	**74,995**	**132,680**	**189,657**	**214,659**	**247,516**	**285,232**	**321,209**	**355,130**	**387,351**
Average annual percent change [1]	[2] 12.3	12.1	12.6	13.2	15.3	15.2	12.6	10.6	9.1
Private expenditures	**47,222**	**76,356**	**110,091**	**124,182**	**142,170**	**164,172**	**186,113**	**207,031**	**227,073**
Health services and supplies	44,662	73,020	106,558	120,423	137,889	159,015	179,990	200,223	220,339
Direct patient payments	26,498	38,081	50,670	55,825	62,477	70,796	77,191	86,376	95,368
Insurance premiums [3]	16,871	33,178	53,577	62,011	72,468	84,798	98,996	109,660	120,546
Other	1,293	1,761	2,312	2,586	2,944	3,421	3,802	4,187	4,424
Medical research	215	264	282	299	313	325	339	354	372
Medical facilities construction	2,345	3,072	3,250	3,460	3,967	4,832	5,784	6,454	6,362
Public expenditures	**27,773**	**56,324**	**79,567**	**90,477**	**105,347**	**121,060**	**135,096**	**148,098**	**160,278**
Percent Federal of public	63.6	65.8	67.6	67.4	67.4	68.9	69.0	69.3	69.8
Health services and supplies	24,933	51,259	73,336	83,806	97,704	113,055	127,014	139,603	151,242
Medicare [4]	7,496	16,317	25,932	30,337	36,813	44,743	52,398	58,821	64,627
Temporary disability insurance [5]	66	73	80	58	52	52	53	54	54
Workers' compensation (medical) [5]	1,409	2,432	3,682	4,541	5,151	5,695	6,098	6,543	7,142
Public assistance medical payments [6]	6,321	15,098	21,118	24,340	28,111	32,279	34,861	37,704	40,641
Defense Dept. hospital, medical	1,782	2,830	3,442	3,779	4,207	4,917	5,709	6,509	6,924
Maternal, child health programs	429	589	731	806	892	907	965	1,090	1,049
Public health activities	1,431	3,165	4,990	5,941	7,216	8,093	9,300	10,094	10,662
Veterans' hospital, medical care	1,764	3,495	4,984	5,313	5,941	6,624	7,118	7,709	8,298
Medical vocational rehabilitation	149	177	211	224	216	206	198	218	238
State and local hospitals [7]	3,320	5,230	5,660	5,829	6,093	6,420	7,160	7,812	8,367
Other [8]	767	1,851	2,505	2,639	3,012	3,119	3,155	3,050	3,240
Medical research	1,754	3,071	4,137	4,416	5,110	5,277	5,539	5,809	6,426
Medical facilities construction	1,086	1,995	2,093	2,255	2,532	2,728	2,543	2,687	2,609

[1] Change from prior year shown, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Change from 1965. [3] Covers insurance benefits and amount retained by insurance companies for expenses, additions to reserves, and profits (net cost of insurance). [4] Represents expenditures for benefits and administrative cost from Federal hospital and medical insurance trust funds under old-age, survivors, disability, and health insurance programs; see text, p. 351. [5] Includes medical benefits paid under public law by private insurance carriers and self-insurers. [6] Payments made directly to suppliers of medical care. (Primarily Medicaid.) [7] Expenditures not offset by other revenues. [8] Covers expenditures for Alcohol, Drug Abuse, and Mental Health Administration; Indian Health Service; school health and other programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1985.

NO. 148. NATIONAL HEALTH EXPENDITURES, BY OBJECT: 1970 TO 1984

[See headnote, table 147. See also *Historical Statistics, Colonial Times to 1970*, series B 221-235]

OBJECT OF EXPENDITURE	EXPENDITURE (bil. dol.)									PERCENT		
	1970	1975	1978	1979	1980	1981	1982	1983	1984	1970	1980	1984
Total	**75.0**	**132.7**	**189.7**	**214.7**	**247.5**	**285.2**	**321.2**	**355.1**	**387.4**	**100.0**	**100.0**	**100.0**
Spent by—												
Consumers	43.4	71.3	104.2	117.8	134.9	155.6	176.2	196.0	215.9	57.8	54.5	55.7
Government	27.8	56.3	79.6	90.5	105.3	121.1	135.1	148.1	160.3	37.0	42.6	41.4
Philanthropy and industry	3.9	5.1	5.8	6.3	7.2	8.6	9.9	11.0	11.2	5.1	2.9	2.9
Spent for—												
Health services and supplies	69.6	124.3	179.9	204.2	235.6	272.1	307.0	339.8	371.6	92.8	95.2	95.9
Personal health care expenses	65.4	117.1	167.4	189.7	219.1	253.4	284.9	315.2	341.8	87.1	88.5	88.2
Hospital care	28.0	52.4	76.2	87.0	101.3	117.9	134.7	148.8	157.9	37.3	40.9	40.8
Physicians' services	14.3	24.9	35.8	40.2	46.8	54.8	61.8	68.4	75.4	19.1	18.9	19.5
Dentists' services	4.7	8.2	11.8	13.3	15.4	17.3	19.5	21.8	25.1	6.3	6.2	6.5
Other professional services [1]	1.6	2.6	4.1	4.7	5.6	6.4	7.1	8.0	8.8	2.1	2.3	2.3
Drugs and sundries	8.0	11.9	15.4	17.1	18.5	20.5	21.8	23.6	25.8	10.7	7.5	6.7
Eyeglasses and appliances [2]	1.9	3.2	4.2	4.7	5.1	5.6	5.6	6.5	7.4	2.6	2.1	1.9
Nursing home care	4.7	10.1	15.1	17.4	20.4	23.9	26.9	29.4	32.0	6.3	8.2	8.3
Other health services	2.1	3.8	4.8	5.1	5.9	6.9	7.6	8.6	9.4	2.8	2.4	2.4
Net cost of insurance [3]	2.8	4.0	7.5	8.6	9.2	10.6	12.8	14.5	19.1	3.8	3.7	4.9
Government public health activities	1.4	3.2	5.0	5.9	7.2	8.1	9.3	10.1	10.7	1.9	2.9	2.8
Medical research	2.0	3.3	4.4	4.7	5.4	5.6	5.9	6.2	6.8	2.6	2.2	1.8
Medical facilities construction	3.4	5.1	5.3	5.7	6.5	7.6	8.3	9.1	9.0	4.6	2.6	2.3

[1] Includes services of registered and practical nurses in private duty, visiting nurses, podiatrists, physical therapists, clinical psychologists, chiropractors, naturopaths, and Christian Science practitioners. [2] Includes fees of optometrists and expenditures for hearing aids, orthopedic appliances, artifical limbs, crutches, wheelchairs, etc. [3] Includes administrative expenses of federally financed health programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1985.

No. 149. Health Services and Supplies—Per Capita National and Private Consumer Expenditures, by Object: 1970 to 1984

[**In dollars, except percent.** Based on Social Security Administration estimates of total U.S. population as of July 1, including Armed Forces and Federal employees abroad and civilian population of outlying areas. Excludes research and construction. See also *Historical Statistics, Colonial Times to 1970*, series B 222-232]

OBJECT OF EXPENDITURE	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total, national	**325**	**554**	**703**	**779**	**876**	**999**	**1,142**	**1,275**	**1,398**	**1,515**
Average annual percent change [1]	11.4	11.2	12.6	10.9	12.3	14.1	14.3	11.7	9.6	8.4
Hospital care	131	233	298	330	373	429	495	560	612	644
Physicians' services	67	111	139	155	173	199	230	257	282	307
Dentists' services	22	37	46	51	57	65	73	81	90	102
Other professional services [2]	7	12	16	18	20	24	27	30	33	36
Drugs and drug sundries	37	53	62	67	73	79	86	91	97	105
Eyeglasses and appliances [2]	9	14	16	18	20	22	24	23	27	30
Nursing home care	22	45	57	65	75	86	100	112	121	131
Other health services	10	17	19	21	22	25	29	31	35	39
Net cost of insurance [2]	13	18	33	33	37	39	45	53	60	78
Government public health activities	7	14	18	22	25	31	34	39	42	43
Total, private consumer	**203**	**317**	**413**	**452**	**505**	**572**	**653**	**732**	**807**	**880**
Hospital care	60	102	135	148	169	195	226	258	286	293
Physicians' services	53	82	104	115	126	145	167	186	202	222
Dentists' services	21	35	44	49	55	63	70	79	87	100
Other professional services [2]	6	9	12	13	15	18	20	21	23	24
Drugs and drug sundries	35	49	56	61	67	72	78	82	88	96
Eyeglasses and appliances [2]	9	13	15	16	18	19	21	20	23	25
Nursing home care	11	19	25	29	32	38	46	53	59	66
Net cost of insurance	7	9	22	19	22	22	25	33	39	55

[1] Change from prior year shown; for 1970 from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] See footnotes for corresponding objects in table 148.

No. 150. Personal Health Care—Third Party Payments and Private Consumer Expenditures: 1970 to 1984

[**In millions of dollars, except percent.** See headnote, table 151]

ITEM	1970	1975	1979	1980	1981	1982	1983	1984
Personal health care expenditures	65,350	117,123	189,662	219,138	253,355	284,941	315,191	341,835
Third party payments, total	**38,852**	**79,042**	**133,836**	**156,661**	**182,559**	**207,750**	**228,816**	**246,467**
Percent of total health care	59.5	67.5	70.6	71.5	72.1	72.9	72.6	72.1
Private insurance payments	15,320	31,225	56,914	67,288	78,758	90,977	100,281	107,151
Government expenditures	22,441	46,260	74,597	86,734	100,752	113,392	124,816	135,378
Philanthropy and industry	1,091	1,557	2,325	2,639	3,049	3,381	3,719	3,938
Private consumer expenditures [1]	**41,819**	**69,306**	**112,739**	**129,765**	**149,554**	**168,168**	**186,657**	**202,519**
Percent met by private insurance	36.6	45.1	50.5	51.9	52.7	54.1	53.7	52.9
Hospital care	12,865	22,956	39,458	46,038	53,902	62,112	69,421	71,872
Percent met by private insurance	75.2	81.9	83.8	83.8	83.0	83.4	81.6	81.0
Physicians' services	11,336	18,350	29,480	34,210	39,722	44,814	49,061	54,426
Percent met by private insurance	42.5	53.7	57.9	58.2	59.0	60.5	61.4	61.5

[1] Includes expenditures not shown separately. Excludes net cost of insurance.

No. 151. Personal Health Care Expenditures, by Object and Source of Payment: 1984

[**In millions of dollars, except as indicated.** Includes Puerto Rico and outlying areas. Covers all expenditures for health services and supplies, except net cost of insurance and administration, government public health activities, and expenditures of philanthropic agencies for fund raising activities]

SOURCE	TOTAL EXPENDITURES		Hospital care	Physicians' services	Dentists' services	Other professional services	Drugs and drug sundries	Eyeglasses and appliances	Nursing home care	Other health services
	Total	Per capita [1] (dol.)								
Total	**341,835**	**1,394**	**157,865**	**75,392**	**25,058**	**8,758**	**25,830**	**7,448**	**32,037**	**9,448**
Direct patient payments	95,368	389	13,666	20,973	16,250	3,495	19,680	5,462	15,841	-
Third party payments	246,467	1,005	144,199	54,418	8,808	5,263	6,150	1,986	16,196	9,448
Private health insurance	107,151	437	58,206	33,453	8,268	2,397	3,771	789	269	-
Government	135,378	552	84,349	20,926	540	2,801	2,379	1,197	15,703	7,483
Philanthropy	3,938	16	1,644	40	-	64	-	-	225	1,966
Private [2]	**206,457**	**842**	**73,516**	**54,466**	**24,518**	**5,957**	**23,451**	**6,251**	**16,334**	**1,966**

[1] For basis of per capita figures, see headnote, table 149. [2] Covers direct patient payments, private health insurance, and philanthropy and industry.

Source of tables 149-151: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1985.

NO. 152. PERSONAL HEALTH CARE EXPENDITURES, BY STATE: 1982

[In millions of dollars, except as indicated. Distribution of expenditures by region, division, and State represents location of provider of service. Per capita figures cannot be interpreted directly as spending per resident, unless substantially all of the services provided in a State are consumed by residents of that State. For definition of personal health care expenditures, see headnote, table 151. For composition of regions, see fig. 1 inside front cover]

REGION, DIVISION, AND STATE	Total [1]	Hospital care	Physicians' services	Nursing home care	Per capita expenditures (dol.)	DIVISION AND STATE	Total [1]	Hospital care	Physicians' services	Nursing home care	Per capita expenditures (dol.)
U.S.	***262,805***	***133,703***	***61,775***	***26,498***	***1,220***	***S.A***	***42,723***	***20,656***	***10,040***	***2,936***	***1,115***
						DE	692	331	151	51	1,153
Region:						MD	5,262	2,588	1,117	436	1,232
Northeast	65,149	31,951	12,115	7,645	1,321	DC	1,777	1,265	260	35	2,838
Midwest	73,459	35,834	14,726	8,162	1,247	VA	5,783	2,777	1,307	464	1,054
South	85,618	40,808	19,992	6,579	1,092	WV	2,073	1,107	430	122	1,057
West	58,579	25,110	14,942	4,113	1,297	NC	5,602	2,575	1,215	452	931
						SC	2,767	1,262	555	247	857
N.E	**16,854**	**8,313**	**2,887**	**2,316**	**1,356**	GA	5,920	2,781	1,430	444	1,048
ME	1,240	587	214	200	1,091	FL	12,848	5,952	3,575	685	1,228
NH	934	434	195	85	986						
VT	508	230	75	78	978	**E.S.C**	**15,235**	**7,527**	**3,291**	**1,281**	**1,025**
MA	8,670	*4,659*	*1,337*	*1,106*	*1,508*	KY	*3,533*	*1,599*	757	383	957
RI	1,288	594	242	204	1,351	TN	5,326	2,690	1,207	356	1,144
CT	4,213	1,808	825	643	1,348	AL	4,072	2,132	840	311	1,033
						MS	2,304	1,106	487	230	897
M.A	**48,296**	**23,638**	**9,228**	**5,329**	**1,310**						
NY	24,893	11,922	4,635	3,233	1,417	**W.S.C**	**27,660**	**12,625**	**6,661**	**2,362**	**1,096**
NJ	8,281	3,696	1,834	718	1,115	AR	2,292	1,022	505	259	994
PA	15,121	8,020	2,758	1,377	1,273	LA	4,847	2,408	1,097	389	1,106
						OK	3,503	1,608	756	357	1,086
E.N.C	**51,927**	**25,574**	**10,572**	**5,180**	**1,249**	TX	17,018	7,587	4,303	1,356	1,110
OH	13,431	6,457	2,871	1,537	1,247						
IN	6,036	2,809	1,186	708	1,101	**Mt**	**12,910**	**5,832**	**3,100**	**894**	**1,070**
IL	*14,998*	*8,027*	*2,806*	*1,251*	*1,308*	MT	834	358	197	74	1,036
MI	11,678	5,725	2,420	970	1,281	ID	848	327	208	82	868
WI	5,784	2,556	1,289	713	1,219	WY	444	202	100	25	873
						CO	3,714	1,711	806	320	1,209
W.N.C	**21,531**	**10,260**	**4,154**	**2,982**	**1,241**	NM	1,236	613	257	67	904
MN	5,079	2,233	875	972	1,229	AZ	3,217	1,441	879	154	1,112
IA	3,418	1,557	667	488	1,176	UT	1,407	627	338	100	896
MO	6,352	3,353	1,170	688	1,285	NV	1,209	552	314	72	1,360
ND	891	419	213	104	1,325						
SD	801	368	152	115	1,154	**Pac**	**45,669**	**19,278**	**11,842**	**3,219**	**1,380**
NE	1,931	902	431	222	1,216	WA	4,981	1,855	1,145	588	1,165
KS	3,060	1,427	647	392	1,271	OR	3,107	1,250	744	301	1,165
						CA	35,829	15,450	9,458	2,256	1,451
						AK	*527*	*245*	*121*	*11*	*1,187*
						HI	1,224	478	375	63	1,228

[1] Includes other objects of expenditures not shown separately.

Source: U.S Health Care Financing Administration, *Health Care Financing Review*, Summer 1985.

NO. 153. GOVERNMENT EXPENDITURES FOR HEALTH SERVICES AND SUPPLIES: 1980 AND 1984

[In millions of dollars, except percent. Includes Puerto Rico and outlying areas. Excludes medical research and construction]

YEAR AND TYPE OF SERVICE	TOTAL [1]		FEDERAL		State and local	Medicare [2] (OASDHI)	Public assistance [3]	OTHER HEALTH SERVICES		
	Amount	Percent distribution	Total	Percent of total				Veterans	Defense Dept. [4]	Workers' compensation [5]
1980, total [1]	**97,704**	**100.0**	**65,764**	**67.3**	**31,940**	**36,813**	**28,111**	**5,941**	**4,207**	**5,151**
Hospital care	54,223	55.5	41,090	75.8	13,132	25,917	10,211	4,927	3,426	1,993
Physicians' services	12,614	12.9	9,644	76.5	2,970	7,906	2,597	59	121	1,656
Nursing home care	11,166	11.5	6,038	54.0	*5,150*	*395*	*10,431*	*362*	–	–
Drugs and sundries	1,614	1.7	804	49.8	810	–	1,489	13	14	78
Administration	3,754	3.8	2,024	53.9	1,730	1,118	1,266	49	32	1,225
Public health activities	7,216	7.4	1,266	17.5	5,950	–	–	–	–	–
1984, total [1]	**151,242**	**100.0**	**105,388**	**69.7**	**45,855**	**64,627**	**40,641**	**8,298**	**6,924**	**7,142**
Hospital care	84,349	55.8	65,600	77.8	18,749	44,419	14,930	6,698	5,418	2,894
Physicians' services	20,926	13.8	16,909	80.8	4,017	14,563	3,303	103	266	2,376
Nursing home care	15,703	10.4	8,753	55.7	6,950	562	14,487	654	–	–
Drugs and sundries	2,379	1.6	1,212	50.9	1,167	–	2,203	13	27	112
Administration	5,203	3.4	2,916	56.0	2,286	1,569	1,955	70	65	1,470
Public health activities	*10,662*	*7.0*	*1,379*	*12.9*	*9,283*	–	–	–	–	–

– Represents zero. [1] Includes other items not shown separately. [2] Covers hospital and medical insurance payments and administrative costs under old-age, survivors, disability and health insurance program. [3] Covers Medicaid and other medical public assistance. Includes funds paid into Medicare trust fund by States to cover premiums for public assistance recipients and medically indigent persons. [4] Includes care for retirees and military dependents. [5] Medical benefits.

Source: U.S Health Care Financing Administration, *Health Care Financing Review*, Fall 1985.

No. 154. Federal Outlays for Health, by Type of Program: 1970 to 1985

[1970, for year ending June 30; beginning 1980, ending September 30]

Type of program	Total outlays (mil. dol.)							Outlays per capita [1]		
	1970	1980	1981	1982	1983	1984	1985, est.	1970	1980	1985, est.
Total outlays	**12,977**	**61,735**	**72,947**	**81,534**	**89,514**	**96,819**	**109,756**	**$64**	**$272**	**$461**
Medicare [2]	6,213	32,089	39,149	46,568	52,588	57,540	66,256	30	141	278
Health care services	3,057	17,985	21,202	21,782	23,037	24,522	27,244	15	79	114
Medicaid	2,727	14,028	16,948	17,391	18,985	20,061	22,985	13	62	96
Health block grants	–	–	–	663	1,273	1,299	1,433	–	–	6
Other	330	3,958	4,254	3,730	2,779	3,162	2,826	2	17	12
Hospital and medical care for veterans	1,800	6,515	6,965	7,517	8,272	8,861	9,621	9	29	40
Health research	1,054	3,442	3,836	3,948	3,973	4,379	4,961	5	15	21
National Institutes of Health	917	3,029	3,394	3,470	3,555	3,963	4,437	4	13	19
Other	137	413	442	478	418	416	524	1	2	2
Consumer safety	177	674	698	698	720	762	815	1	3	3
Education and training of health care work force	633	719	779	670	578	388	478	3	3	2
Research training	(NA)	(NA)	236	195	194	195	234	(NA)	(NA)	1
Clinical training	(NA)	(NA)	543	374	325	166	202	(NA)	(NA)	1
Other	(NA)	(NA)	–	101	59	28	41	(NA)	(NA)	(Z)
Occupational safety and health	49	328	353	336	346	367	381	(Z)	1	2
Deductions for offsetting receipts	−6	−17	−25	15	–	–	–	(−Z)	(−Z)	–

– Represents zero. NA Not available. Z Less than 50 cents. [1] Based on Bureau of the Census estimated resident population as of July. [2] Adjusted for premiums and collections.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 155. Indexes of Medical Care Prices: 1970 to 1984

[1967=100. Indexes are components of consumer price index; for explanation, see text, pp. 467 and 468. See also *Historical Statistics, Colonial Times to 1970*, series B 262–272]

Year	Index, total	Medical care services					Medical care commodities [2]	Annual percent change					
		Total [1]	Professional services			Hospital room		Total	Medical care services				Medical care commodities [2]
			Total [1]	Physicians	Dental				Total [1]	Physicians	Dental	Hospital room	
1970	120.6	124.2	119.7	121.4	119.4	145.4	103.6	[3] 6.3	[3] 7.1	[3] 7.5	[3] 5.8	[3] 12.9	[3] 2.3
1971	128.4	133.3	127.5	129.8	127.0	163.1	105.4	6.5	7.3	6.9	6.4	12.2	1.7
1972	132.5	138.2	132.1	133.8	132.3	173.9	105.6	3.2	3.7	3.1	4.2	6.6	.2
1973	137.7	144.3	136.4	138.2	136.4	182.1	105.9	3.9	4.4	3.3	3.1	4.7	.3
1974	150.5	159.1	148.2	150.9	146.8	201.5	109.6	9.3	10.3	9.2	7.6	10.7	3.5
1975	168.6	179.1	164.5	169.4	161.9	236.1	118.8	12.0	12.6	12.3	10.3	17.2	8.4
1976	184.7	197.1	179.4	188.5	172.2	268.6	126.0	9.5	10.1	11.3	6.4	13.8	6.1
1977	202.4	216.7	194.1	206.0	185.1	299.5	134.1	9.6	9.9	9.3	7.5	11.5	6.4
1978	219.4	235.4	208.8	223.1	198.1	332.4	143.5	8.4	8.6	8.3	7.0	11.0	7.0
1979	239.7	258.3	226.8	243.6	214.8	370.3	153.8	9.3	9.7	9.2	8.4	11.4	7.2
1980	265.9	287.4	252.0	269.3	240.2	418.9	168.1	10.9	11.3	10.6	11.8	13.1	9.3
1981	294.5	318.2	277.9	299.0	263.3	481.1	186.5	10.8	10.7	11.0	9.6	14.8	10.9
1982	328.7	356.0	301.5	327.1	283.8	556.7	205.7	11.6	11.9	9.4	7.7	15.7	10.3
1983	357.3	387.0	323.0	352.3	302.7	619.7	223.3	8.7	8.7	7.7	6.7	11.3	8.6
1984	379.5	410.3	346.1	376.8	327.3	670.9	239.7	6.2	6.0	7.0	8.1	8.3	7.3

[1] Includes other services, not shown separately. [2] Prior to 1978, covers drugs and prescriptions only. [3] Change from 1969.

Source: U.S. Bureau of Labor Statistics, *Consumer Price Indexes for All Urban Consumers for Selected Items and Groups*, monthly and annual averages.

No. 156. Benefit Expenditures of Private Health Insurance Organizations: 1975 to 1983

[In millions of dollars. For financial data on private health insurance organizations, see table 872]

Type of plan	1975	1977	1978	1979	1980	1981	1982	1983			
								Total	Hospital care	Physicians' services	Dental care and other
Total	**31,223**	**42,959**	**49,078**	**56,905**	**67,275**	**78,743**	**90,977**	**100,281**	**56,641**	**30,113**	**13,527**
Blue Cross-Blue Shield	14,192	17,826	19,465	21,724	25,467	29,209	32,144	34,398	21,921	9,863	2,614
Insurance companies	12,826	16,435	19,058	21,830	25,570	30,589	37,256	41,828	23,598	12,489	5,742
Independent plans	4,206	8,698	10,555	13,352	16,239	18,945	21,577	24,055	11,123	7,760	5,172

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1985, and unpublished data.

NO. 157. HEALTH INSURANCE COVERAGE STATUS, BY SELECTED CHARACTERISTICS: 1983

[Data *represents monthly averages for* ***fourth quarter 1983.*** *Government health insurance includes Medicare, Medicaid, and* military plans. Based on Survey of Income and Program Participation; see text, p. 429. For composition of regions see fig. 1 inside front cover]

CHARACTERISTIC	NUMBER (1,000)					PERCENT				
	Total	Covered by private or *Government health insurance*			Not covered by health insurance	Total	Covered by private or *Government health insurance*			Not covered by health insurance
		Number	Covered by private insurance				Number	Covered by private insurance		
			Total	Related to employment [1]				Total	Related to employment [1]	
Total persons	**231,209**	**196,177**	**172,674**	**140,372**	**35,032**	**100.0**	**84.8**	**74.7**	**60.7**	**15.2**
Male	112,015	94,000	84,013	69,932	18,015	100.0	83.9	75.0	62.4	16.1
Female	119,194	102,177	88,661	70,440	17,017	100.0	85.7	74.4	59.1	14.3
White	196,823	169,308	153,629	124,696	27,514	100.0	86.0	78.1	63.4	14.0
Black	*27,679*	*21,656*	*14,940*	*12,213*	*6,023*	*100.0*	*78.2*	*54.0*	*44.1*	*21.8*
Spanish origin [2]	13,896	9,850	7,239	6,211	4,046	100.0	70.9	52.1	44.7	29.1
Under 16 years	55,200	44,956	38,170	33,264	10,245	100.0	81.4	69.1	60.3	18.6
16–24 years	36,140	27,701	25,039	19,463	8,439	100.0	76.6	69.3	53.9	23.4
25–34 years	39,908	32,513	30,081	26,876	7,394	100.0	81.5	75.4	67.3	18.5
35–44 years	29,630	25,882	24,338	22,056	3,748	100.0	87.4	82.1	74.4	12.6
45–54 years	22,170	19,691	18,380	*15,993*	*2,479*	*100.0*	*88.8*	*82.9*	*72.1*	*11.2*
55–64 years	22,095	19,552	18,253	14,700	2,543	100.0	88.5	82.6	66.5	11.5
65 years and over	26,066	25,883	18,413	8,019	183	100.0	99.3	70.6	30.8	.7
Northeast	49,677	44,563	39,609	33,070	5,114	100.0	89.7	79.7	66.6	10.3
Midwest	58,628	51,516	45,860	37,009	7,112	100.0	87.9	78.2	63.1	12.1
South	79,106	64,330	56,665	45,027	14,776	100.0	81.3	71.6	56.9	18.7
West	43,798	35,769	30,540	25,265	8,029	100.0	81.7	69.7	57.7	18.3

[1] Related to current or prior employment of self or other family members. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70-, No. 4 and unpublished data.

NO. 158. PERSONS WITH HEALTH CARE COVERAGE BY TYPE OF COVERAGE, 1980 TO 1983, AND BY POVERTY STATUS AND AGE, 1983

[**In thousands.** Persons as of **March** of following year who had coverage in year shown. See headnote, table 599. See also table 631. For explanation of poverty level, see text, pp. 429 and 430]

TYPE OF COVERAGE	1980, total	1982, total	1983					
			Total	Below poverty level	Above poverty level	Under 18 yr. old	18–64 yr. old	65 yr. old and over
Medicare, total [1]	26,200	27,522	27,878	4,099	23,779	40	2,619	25,219
Medicare only	20,207	21,448	21,943	2,529	19,414	23	1,609	20,311
Medicare and other health plans [2]	2,451	2,734	2,595	91	2,504	7	470	2,118
Medicaid, total	18,966	18,914	19,286	13,224	6,062	8,229	8,179	2,878
Medicaid only	12,239	13,239	13,952	11,044	2,908	7,366	6,586	–
Medicaid and Medicare only	3,541	3,339	3,340	1,479	1,861	10	540	2,790
Medicaid and group health plan only [3]	2,673	1,871	1,607	579	1,028	754	853	–
Medicaid and other health plans	514	465	388	122	266	99	200	88
Employer or union provided group plan	137,307	135,404	134,147	5,272	128,875	36,141	94,297	1,710
Employer or union helped pay for plan	130,134	128,934	127,518	4,672	122,846	36,212	89,710	1,596
Paid for all of plan	58,107	57,287	55,949	1,805	54,144	14,937	40,214	799
Paid for part of plan	72,027	71,647	71,569	2,867	68,702	21,275	49,497	798
Employer or union did not help pay	*7,173*	*6,470*	*6,629*	*600*	*6,029*	*1,929*	*4,586*	*113*
CHAMPUS [4], V.A. [5] or military health care	8,456	9,980	9,539	792	8,747	2,350	6,317	872

– Represents zero or rounds to zero. [1] Includes Medicaid and Medicare only, shown under Medicaid. [2] Excluding Medicaid. [3] Employer or union provided. [4] Civilian Health and Medical Program of the Uniformed Services. The Dept. of Defense operates this program to provide reimbursement (after payment of a deductible) for covered medical care rendered in civilian facilities to wives and children of active military personnel, to retired military personnel and their dependents, and to *dependents of deceased personnel. Program* is designed for those unable to use Government medical facilities for reasons of distance, overcrowding, or the unavailability of appropriate treatment at a military medical center. [5] Veterans *Administration.*

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 148 and earlier reports.

No. 159. Private Health Insurance—Persons Covered for Specified Benefits: 1960 to 1983

[**In millions, except percent.** As of **December 31.** Beginning 1975, includes Puerto Rico and outlying areas. For persons covered under Federal Government programs, see tables 157, 158, 627, 631, and 633. See also *Historical Statistics, Colonial Times to 1970*, series B 401-412, for persons covered]

BENEFIT AND TYPE OF PLAN	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Hospital expense:										
Persons covered, net [1]	122.5	138.7	158.8	178.2	186.2	186.8	189.0	188.3	191.1	192.2
Percent of population covered [2]	66.8	72.4	78.7	82.1	83.2	82.5	82.5	81.4	81.7	82.0
Blue Cross-Blue Shield plans	58.1	63.3	75.1	86.4	85.8	86.1	86.7	[3] 85.8	[3] 82.0	[3] 79.6
Insurance companies, net [1 4]	69.2	77.6	89.7	99.5	106.5	105.3	107.3	108.4	112.7	110.8
Group policies [4]	54.4	65.4	80.5	87.2	93.2	95.2	99.1	105.4	107.0	108.3
Individual and family policies	22.2	24.4	26.7	30.1	36.2	34.6	34.1	25.6	29.9	24.5
Other plans	6.0	7.0	8.1	13.1	[3] 21.5	[3] 25.5	[3] 33.2	[3] 40.3	[3] 48.2	[3] 57.7
Surgical expense:										
Persons covered, net [1]	111.5	130.5	151.4	169.0	174.7	177.1	178.2	176.9	180.3	179.1
Percent of population covered [2]	62.6	68.1	75.0	77.9	78.0	78.2	77.8	76.4	77.1	76.4
Blue Cross-Blue Shield plans	50.3	53.9	66.0	77.8	74.6	74.5	73.6	[3] 71.8	[3] 68.6	[3] 66.1
Insurance companies, net [1 4]	65.1	75.2	85.7	92.1	97.1	99.6	101.0	102.0	105.6	102.3
Group policies [4]	55.5	65.5	81.5	88.0	95.6	97.6	100.6	105.5	108.0	104.9
Individual and family policies	16.0	17.7	18.0	18.5	16.9	17.9	17.6	12.4	14.5	13.6
Other plans	7.3	8.7	10.5	15.8	[3] 25.0	[3] 29.1	[3] 36.9	[3] 44.8	[3] 52.7	61.8
Major medical expense: [5]										
Persons covered, net [1]	32.6	69.7	103.5	134.1	142.7	149.9	155.3	156.0	163.1	[6] 161.5
Blue Cross-Blue Shield plans	3.7	14.6	24.9	42.1	39.3	43.3	45.0	46.5	[3] 47.0	[3 6] 44.6
Insurance companies, net [1 4]	25.4	53.0	77.1	92.2	102.5	104.5	107.2	107.4	111.9	[6] 110.7
Group policies [4]	26.5	55.4	82.0	96.7	108.9	110.8	115.0	115.9	119.7	[6] 119.4
Individual and family policies	1.6	4.5	5.4	7.3	6.9	7.3	7.5	6.6	8.3	[6] 6.8
Other plans	(NA)	(NA)	(NA)	(NA)	[3] 17.2	[3] 21.1	[3] 27.7	[3] 33.7	[3] 42.1	[3 6] 45.4
Physician's expense:										
Persons covered, net [1]	83.2	109.6	138.7	166.3	166.8	167.2	169.5	164.1	171.6	173.1
Percent of population covered [2]	46.7	57.2	68.7	77.6	74.5	73.8	74.0	70.9	73.4	74.5
Dental expense:										
Persons covered, net [1]	(NA)	(NA)	12.0	30.3	58.8	71.5	80.1	86.3	100.0	108.6
Percent of population covered [2]	(NA)	(NA)	5.9	14.0	26.3	31.6	35.0	37.3	42.8	46.3

NA Not available. [1] Duplication among persons protected by more than one kind of insuring organization or more than one insurance company policy providing the same type of coverage has been eliminated. [2] Based on Bureau of the Census estimated civilian population as of July. [3] Estimated. [4] Includes persons covered under administrative service only and minimum premium plans. [5] Coverage provides protection against especially heavy medical bills resulting from "catastrophic" or prolonged illness and is used to supplement basic medical care insurance or as a comprehensive integrated program providing both basic and major medical protection, including charges for private duty nursing, drugs, and medical appliances. [6] Covers only persons under age 65.

Source: Health Insurance Association of America, Washington, DC, *Source Book of Health Insurance Data*, annual.

No. 160. Health Maintenance Organizations (HMO)—Number and Enrollment, by Type and Size of Organization: 1976 to 1984

[As of **June 30.** Under the Health Maintenance Organization Act, an HMO must have four characteristics: (1) an organized system for providing health care in a geographic area, for which the HMO is responsible for providing or otherwise assuring its delivery; (2) an agreed upon set of basic and supplemental health maintenance and treatment services; (3) a voluntarily enrolled group of people; and (4) community rating. A **group HMO** contracts with one or more medical groups to provide services to members and generally provides all services except hospital care under one roof. Data for group model HMOs include staff model HMOs (a model in which the HMO hires its own physicians) and network HMOs (an HMO that provides comprehensive health services to members in two or more distinct geographic areas. **Individual practice association (IPA) HMO** contracts with a physician organization that in turn contracts with individual physicians. IPA physicians provide care to HMO members from their private offices and continue to see their fee-for-service patients]

TYPE OF PRACTICE AND SIZE	1976	1977	1978	1979	1980	1981	1982	1983	1984
NUMBER OF PLANS									
Total	**175**	**165**	**203**	**215**	**236**	**243**	**265**	**280**	**310**
Group	134	125	133	136	139	153	168	181	126
I.P.A.	41	40	70	79	97	90	97	99	184
Less than 15,000 members	128	108	127	135	144	131	122	137	(NA)
15,000-24,999 members	15	18	37	34	38	41	46	42	(NA)
25,000-49,999 members	12	13	16	25	28	39	46	61	(NA)
50,000-99,999 members	7	4	5	7	15	15	13	19	(NA)
100,000 members or more	10	11	12	14	13	17	18	21	(NA)
ENROLLMENT (1,000)									
Total	**6,016**	**6,331**	**7,471**	**8,226**	**9,100**	**10,266**	**10,831**	**12,491**	**15,164**
Group	5,627	5,917	6,420	6,942	7,406	8,681	9,361	10,602	8,616
I.P.A.	390	413	1,051	1,284	1,694	1,582	1,471	1,889	6,547
Less than 15,000 members	620	590	703	733	870	836	839	874	(NA)
15,000-24,999 members	297	365	725	683	732	799	919	842	(NA)
25,000-49,999 members	365	415	548	827	907	1,305	1,561	2,062	(NA)
50,000-99,999 members	525	308	399	430	976	1,038	852	1,257	(NA)
100,000 members or more	4,210	4,495	5,095	5,553	5,615	6,289	6,660	7,455	(NA)

NA Not available.

Source: Group Health Association of America, Inc., Washington, DC, releases.

NO. 161. EMPLOYED PERSONS IN SELECTED HEALTH OCCUPATIONS: 1984

[**Covers civilians 16 years old and over.** Annual averages based on data collected by Bureau of the Census as part of Current Population Survey; see text, pp. 1 and 2 and Appendix III. See also table 680]

OCCUPATION	Number (1,000)	PERCENT— Female	PERCENT— Black	OCCUPATION	Number (1,000)	PERCENT— Female	PERCENT— Black
Total	**5,658**	**76.6**	**13.1**	Managers, medicine and health	96	61.2	6.4
Health diagnosing occupations [1]	775	13.4	3.8	Health technologists and technicians [1]	1,112	83.4	13.1
Physicians [2]	520	16.0	5.0	Clinical laboratory	281	75.6	12.8
Dentists	138	6.2	.9	Dental hygienists	62	99.0	2.6
Health assessment and treating occupations	1,929	86.4	7.1	Radiology	110	66.9	7.4
Registered nurses	1,402	96.0	7.6	Licensed practical nurses	416	96.3	17.1
Pharmacists	162	28.5	2.9	Health service occupations	1,746	90.3	24.2
Dietitians	70	95.1	16.1	Dental assistants	170	98.2	4.4
Therapists	251	76.8	5.4	Health aides, except nursing	341	86.4	16.8
Physician's assistants	43	37.2	3.3	Nursing aides, orderlies, and attendants	1,235	90.4	29.0

[1] Includes other occupations not shown separately. [2] Medical and osteopathic.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January 1985.

NO. 162. PHYSICIANS, DENTISTS, AND NURSES: 1960 TO 1983

[Physicians, dentists, and nurses as of **end of year.** Data for physicians include Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series B 275-290]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Physicians, number	1,000	**275**	**305**	**348**	**409**	**454**	**472**	**487**	**505**	**523**	**542**
Rate per 100,000 population [1]	Rate	151	155	168	187	201	207	211	217	222	228
Doctors of medicine [2]	1,000	260	292	334	394	437	455	468	485	502	520
Active non-Federal [3]	1,000	230	255	281	312	356	375	397	411	430	(NA)
Rate per 100,000 population [4]	Rate	128	130	137	143	158	165	172	177	184	(NA)
Active foreign medical school graduates [3 5]	1,000	(NA)	(NA)	54	(NA)	75	80	82	90	96	(NA)
Doctors of osteopathy	1,000	14	12	13	15	17	18	19	20	21	22
Medical and osteopathic schools	Number	91	93	107	123	134	138	140	142	142	142
Students	1,000	32.0	34.1	39.7	57.2	64.3	66.5	70.1	71.6	72.6	(NA)
Graduates	1,000	7.5	7.8	8.8	13.4	15.4	16.0	16.2	16.8	17.0	17.1
Newly licensed physicians, total [5 6]	*1,000*	*8.0*	*9.1*	*11.0*	*16.9*	*19.4*	*19.9*	*18.2*	*18.8*	*17.6*	*20.6*
Percent of total active M.D.'s	Percent	(NA)	3.3	3.5	4.6	4.8	4.8	4.2	4.2	4.1	(NA)
Graduates of—											
U.S. and Canadian medical schools	1,000	6.6	7.6	8.0	10.9	14.8	16.3	14.9	15.7	13.4	15.8
Foreign medical schools	1,000	1.4	1.5	3.0	6.0	4.6	3.6	3.3	3.1	4.2	4.8
Percent of total newly licensed	Percent	17.7	16.7	27.3	35.4	23.6	17.9	18.2	16.6	23.8	23.1
Dentists, number	1,000	**105**	**112**	**116**	**127**	**136**	**138**	**141**	**144**	**147**	**150**
Active (exc. in Federal service)	1,000	85	90	96	107	115	118	121	124	127	130
Rate per 100,000 population [4]	Rate	47	47	47	50	52	53	54	54	55	56
Dental schools	Number	47	49	53	59	59	60	60	60	60	60
Students	1,000	13.6	13.9	16.0	20.1	21.5	22.2	22.5	22.6	22.2	21.4
Graduates	1,000	3.3	3.2	3.7	5.0	5.3	5.4	5.3	5.6	5.4	5.8
Nurses, number (active registered)	1,000	**527**	**621**	**750**	**961**	(NA)	(NA)	**1,273**	**1,316**	**1,357**	**1,404**
Rate per 100,000 population [1]	Rate	293	321	368	446	(NA)	(NA)	560	574	586	600
Nursing programs [7]	Number	1,128	1,182	1,340	1,362	1,358	1,374	1,385	1,401	1,432	1,466
Students [7]	1,000	118	135	163	248	239	235	231	235	242	251
Graduates [7]	1,000	30	35	46	77	78	77	76	74	74	77

NA Not available. [1] Based on Bureau of the Census resident population estimates as of July 1. [2] Excludes non-Federal physicians with temporary foreign addresses; see headnote, table 165. [3] Excludes nonclassified physicians. [4] Based on Bureau of the Census civilian population estimates as of July 1. [5] Foreign medical graduates exclude graduates of Canadian schools.

[6] Source: American Medical Association, Chicago, IL, *U.S. Medical Licensure Statistics, 1983 and License Requirements, 1984*, copyright. [7] Number of programs and students are as of October 15 and number of graduates are for academic year ending in year shown; from National League for Nursing, *NLN Data Book*, annual issues.

Source: Except as noted, U.S. Dept. of Health and Human Services, Health Resources and Services Administration, unpublished data. Prior to 1978, data were published by U.S. National Center for Health Statistics in *Health Resources Statistics*, annual.

No. 163. Physicians, by Sex, Specialty, and Major Professional Activity: 1970 to 1982

[In thousands, except percent. As of December 31. Includes Puerto Rico and outlying areas]

Specialty	1970		1975, total	1980, total	1982					
					Total		Patient care			Other professional [2]
	Total	Percent			Number	Percent	Total	Office-based	Hospital-based: Full-time	Hospital-based: Residents [1]
Total	[3] 334.0	100.0	[3] 393.7	[3] 467.7	[3] 502.0	100.0	408.7	299.2	40.5	69.0	40.7
Male	(NA)	(NA)	358.1	413.4	437.7	87.2	357.9	271.9	33.5	52.5	35.2
Female	(NA)	(NA)	35.6	54.3	64.2	12.8	50.8	27.3	7.0	16.5	5.5
General practice	57.9	17.3	54.6	60.0	62.3	12.4	60.6	51.0	3.8	5.8	1.8
Medical [4]	77.2	23.1	95.1	125.8	140.1	27.9	123.2	86.7	11.4	25.1	16.9
Internal medicine	41.9	12.5	54.3	71.5	80.0	15.9	70.6	46.0	6.2	18.4	9.4
Pediatrics	17.9	5.4	21.7	28.3	31.4	6.3	28.3	19.6	2.9	5.9	3.1
Surgical [4]	86.0	25.8	96.0	110.8	118.8	23.7	114.3	88.6	6.3	19.4	4.5
General surgery	29.8	8.9	31.6	34.0	35.8	7.1	34.2	23.3	2.3	8.6	1.6
Obstetrics, gynecology	18.9	5.7	21.7	26.3	28.4	5.7	27.3	21.7	1.5	4.2	1.1
Orthopedic	9.6	2.9	11.4	14.0	15.6	3.1	15.2	12.0	.7	2.5	.4
Ophthalmology	9.9	3.0	11.1	13.0	13.8	2.8	13.3	11.4	.5	1.4	.6
Other [4]	89.6	26.8	94.6	118.3	128.2	25.5	110.5	72.8	19.0	18.7	17.6
Psychiatry	21.1	6.3	23.9	27.5	29.7	5.9	26.6	17.4	5.3	3.9	3.1
Anesthesiology	10.1	3.0	12.9	16.0	18.8	3.7	17.8	13.0	1.8	3.0	1.0
Pathology	10.3	3.1	11.7	13.4	14.5	2.9	11.8	6.4	3.1	2.3	2.7
Radiology	10.5	3.1	11.5	11.7	10.2	2.0	9.3	7.7	1.7	–	.9

– Represents zero. NA Not available. [1] Includes interns. [2] Medical teaching, administration, research, and other. [3] 1970 includes 19,621 inactive, 358 not classified, 3,204 address unknown; 1975, 21,449 inactive, 26,145 not classified, 5,868 address unknown; 1980, 25,744 inactive, 20,629 not classified, and 6,390 address unknown; and 1982, 35,690 inactive, 13,558 not classified, and 3,321 address unknown. [4] Includes other specialties not shown separately.

No. 164. Non-Federal Physicians, 1970 and 1982, and Dentists, 1982—States

[Physicians as of Dec. 31. Dentists as of Jan. 1. Excludes doctors of osteopathy, Federal physicians and physicians with addresses unknown. Includes all physicians not classified according to activity status. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Active physicians: Total		Active physicians: Rate [1 2]		Active dentists, 1982	
	1970	1982	1970	1982	Total	Rate [2 3]
U.S	279,212	438,916	139	191	[4] 126,985	55
Region:						
Northeast	87,840	119,196	180	242	32,661	66
Midwest	67,076	99,467	119	169	31,513	53
South	70,222	128,117	114	165	35,333	45
West	54,074	92,136	158	207	27,455	61
N. Eng	20,455	31,077	174	251	8,167	66
ME	972	1,773	99	157	504	44
NH	925	1,612	126	171	508	54
VT	755	1,154	170	222	275	53
MA	11,036	16,442	195	287	4,013	70
RI	1,355	2,020	148	213	533	56
CT	5,412	8,076	179	260	2,333	75
Mid. Atl	67,385	88,119	182	239	24,494	66
NY	40,730	49,304	224	281	12,928	74
NJ	9,770	15,120	137	204	4,824	65
PA	16,885	23,695	143	200	6,743	57
E. No. Cent	48,224	71,141	120	171	22,192	53
OH	13,387	18,518	126	172	5,394	50
IN	4,988	7,339	96	134	2,386	44
IL	14,462	22,173	131	194	6,404	56
MI	10,384	15,212	117	167	5,129	56
WI	5,003	7,899	113	167	2,879	61
W. No. Cent	18,852	28,326	116	164	9,321	54
MN	5,420	8,098	143	196	2,575	62
IA	2,733	3,842	97	132	1,519	52
MO	5,647	8,422	122	171	2,413	49
ND	542	936	89	142	320	48
SD	503	833	76	121	331	48
NE	1,581	2,394	107	152	1,002	63
KS	2,426	3,801	110	160	1,162	48
So. Atl	37,588	69,694	125	185	18,249	48
DE	682	1,046	126	176	279	47
MD	6,714	11,961	174	283	2,701	63
DC	2,745	3,323	368	538	636	102
VA	5,234	9,749	117	183	2,876	52
WV	1,706	2,813	98	143	797	41
NC	5,216	9,355	105	158	2,451	41
SC	2,194	4,355	87	138	1,242	38
GA	4,617	8,256	103	148	2,388	42
FL	8,480	18,836	127	181	4,878	47
E. So. Cent	12,162	20,801	96	141	6,329	43
KY	3,107	5,189	98	142	1,741	47
TN	4,433	7,572	114	163	2,226	48
AL	2,885	5,157	85	132	1,489	36
MS	1,737	2,883	79	113	872	34
W. So. Cent	20,472	37,622	107	150	10,755	43
AR	1,629	2,952	85	128	838	36
LA	4,141	7,061	115	163	1,606	41
OK	2,427	4,128	96	129	1,397	43
TX	12,275	23,481	111	154	6,712	44
Mt	10,369	19,741	127	165	6,524	54
MT	679	1,058	99	132	484	60
ID	824	1,079	88	111	496	51
WY	304	606	92	120	255	50
CO	3,627	5,899	168	195	1,929	63
NM	1,043	2,127	104	157	590	43
AZ	2,211	5,137	127	179	1,384	48
UT	1,377	2,563	130	164	979	62
NV	504	1,272	105	147	407	46
Pac	43,705	72,395	168	222	20,931	63
WA	4,658	7,768	139	184	2,890	68
OR	2,803	4,904	134	184	1,819	68
CA	34,981	57,225	179	234	15,221	62
AK	199	545	74	129	285	64
HI	1,064	1,953	149	207	717	72

[1] Per 100,000 civilian population. [2] Based on U.S. Bureau of the Census estimates as of April 1 for 1970, and as of July 1 for 1982. [3] Per 100,000 resident population. [4] Includes dentists not distributed by State.

Source of tables 163 and 164. American Medical Association, Chicago, IL, *Distribution of Physicians in the United States, 1970; Physician Distribution and Medical Licensure in the U.S., 1975;* and *Physician Characteristics and Distribution in the U.S., 1983,* (copyright) and American Dental Association, Chicago, IL, *Distribution of Dentists in the United States by Region and State* (copyright).

No. 165. Physicians, by Type of Practice: 1970 to 1982

[As of **December 31.** Includes Puerto Rico and outlying areas. Excludes 4,148 non-Federal physicians with temporary foreign addresses in 1970, 5,559 in 1975, 5,790 in 1977, 5,843 in 1978, 6,180 in 1979, 6,755 in 1980, 6,259 in 1981, and 174 in 1982]

TYPE OF PRACTICE	NUMBER (1,000)								PERCENT DISTRIBUTION			
	1970	1975	1977	1978	1979	1980	1981	1982	1970	1975	1980	1982
All physicians	**348.3**	**409.0**	**437.8**	**454.3**	**472.4**	**486.5**	**504.7**	**522.5**	**100**	**100**	**100**	**100**
Doctors of medicine	**334.0**	**393.7**	**421.3**	**437.5**	**454.6**	**467.7**	**485.1**	**502.0**	**96**	**96**	**96**	**96**
Active M.D.'s	311.2	366.4	382.0	401.4	417.3	435.5	444.9	462.9	89	90	90	89
Non-Federal [1]	301.3	359.7	390.4	408.0	427.1	443.5	460.1	479.2	87	88	91	92
Patient care	255.0	287.8	315.7	325.8	341.5	361.9	379.6	393.3	73	70	74	75
Office based [2]	188.9	213.3	231.1	238.9	248.9	271.2	286.5	297.5	54	52	56	57
General practice [3]	50.8	46.3	45.1	45.1	46.7	47.7	49.4	50.4	12	11	10	10
Specialty	138.1	167.0	186.0	193.8	202.2	223.5	237.1	247.1	40	41	46	47
Training programs	45.8	53.5	58.9	57.2	61.4	59.6	60.5	66.7	13	13	12	13
Full-time hospital staff	20.3	21.0	25.8	29.6	31.1	31.0	26.6	29.1	6	5	6	6
Other professional activity	26.3	24.3	27.9	29.8	33.7	35.2	37.3	36.6	8	6	7	7
Retired, not in practice	19.6	21.4	28.4	26.8	28.3	25.7	35.0	35.7	6	5	5	7
Federal	29.5	28.2	19.9	20.2	18.5	17.8	19.8	19.5	8	7	4	4
Patient care [4]	23.5	24.1	16.6	16.9	15.3	14.6	15.7	15.4	7	6	3	3
Full-time hospital staff	14.6	17.7	12.0	12.6	11.8	11.4	11.4	11.4	4	4	2	2
Other professional activity	6.0	4.1	3.3	3.3	3.2	3.2	4.1	4.1	2	1	1	1
Not reported [5]	3.2	5.9	10.9	9.3	9.0	6.4	5.2	3.3	1	1	1	1
Doctors of osteopathy [6]	**14.3**	**15.4**	**16.6**	**16.8**	**18.0**	**18.8**	**19.6**	**20.5**	**4**	**4**	**4**	**4**

[1] Includes physicians not classified. [2] Covers all physicians rendering patient care (or patient services by pathologists) in solo, partnership, group practice, or other arrangement and those in industry, insurance companies, health depts., laboratories, etc. [3] Includes family practice. [4] Includes Federal physicians in office-based practice and training programs. [5] Physicians with unknown addresses. [6] Source: American Osteopathic Association, Chicago, IL.

Source: Except as noted, 1970-1978, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual through 1976, and 1978; beginning 1979, American Medical Association, Chicago, IL, *Physician Distribution and Medical Licensure in the U.S., 1979*, (copyright) and *Physician Characteristics and Distribution in the U.S.*, annual (copyright).

No. 166. Physician and Dental Visits: 1970 to 1982

[Refers to the civilian noninstitutional population. See headnote, table 182. Based on National Health Interview Survey; see Appendix III]

SEX, RACE, AND AGE OF PATIENT	PHYSICIAN VISITS							DENTAL VISITS					
	1970	1975	1978	1979	1980	1981	1982	1970	1975	1978	1979	1980	1981
Total visits [1] (mil.)	**927**	**1,056**	**1,017**	**1,022**	**1,036**	**1,039**	**1,173**	**304**	**341**	**342**	**366**	**364**	**380**
Male (million)	396	435	417	422	426	429	489	133	153	149	162	158	168
Female (million)	531	621	599	600	610	609	684	171	188	193	204	207	212
White [2] (million)	832	929	882	895	903	893	1,027	283	313	311	334	333	344
Black [2] (million)	87	116	122	112	115	122	123	17	23	26	26	26	29
Visits per person	**4.6**	**5.1**	**4.8**	**4.7**	**4.8**	**4.6**	**5.2**	**1.5**	**1.6**	**1.6**	**1.7**	**1.7**	**1.7**
Male	4.1	4.3	4.0	4.1	4.0	4.0	4.5	1.4	1.5	1.4	1.6	1.5	1.5
Female	5.1	5.7	5.4	5.4	5.4	5.2	5.8	1.7	1.7	1.7	1.8	1.8	1.8
White [2]	4.8	5.1	4.8	4.8	4.8	4.6	5.3	1.6	1.7	1.7	1.8	1.8	1.8
Black [2]	3.9	4.7	4.8	4.4	4.5	4.6	4.6	.8	1.0	1.0	1.0	1.0	1.1
Under 6 years	5.9	6.5	6.4	6.5	6.7	6.4	6.0	.5	.6	.6	.5	.5	.6
6-16 years	2.9	3.2	3.1	3.0	3.2	3.0	3.2	1.9	2.0	2.1	2.1	2.3	2.2
17-24 years	4.6	4.8	4.3	4.3	4.0	4.0	4.3	1.8	1.8	1.5	1.6	1.6	1.6
25-44 years	4.6	5.1	4.7	4.5	4.6	4.4	4.8	1.7	1.7	1.7	1.8	1.7	1.8
45-64 years	5.2	5.6	5.3	5.2	5.1	5.1	6.1	1.5	1.8	1.7	1.9	1.8	1.8
65 years and over	6.3	6.6	6.3	6.3	6.4	6.3	7.7	1.1	1.2	1.2	1.4	1.4	1.5

[1] Includes other races not shown separately. [2] See footnote 2, table 182.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

No. 167. Visits to Physicians, by Type of Visit, Race, and Family Income: 1982

[Refers to civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

RACE AND FAMILY INCOME	Total [1]	Physicians' offices	Emergency room [2]	Phone consultation
Visits, total [3] (mil.)	**1,173**	**672**	**138**	**168**
White (mil.)	1,027	607	106	155
Black (mil.)	123	55	29	11
Percent distribution:				
All races [3]	100.0	57.3	11.8	14.4
White	100.0	59.1	10.3	15.1
Under $5,000	100.0	48.6	13.2	13.3
$5,000-$9,999	100.0	56.7	13.4	13.7
$10,000-$14,999	100.0	56.4	12.9	16.0
White—Con.:				
$15,000-$24,999	100.0	58.8	9.9	15.6
$25,000 or more	100.0	62.1	8.5	15.6
Black	100.0	44.6	23.8	8.9
Under $5,000	100.0	40.6	24.2	11.2
$5,000-$9,999	100.0	44.7	25.0	7.3
$10,000-$14,999	100.0	39.5	32.4	[4] 5.4
$15,000-$24,999	100.0	45.6	23.9	9.2
$25,000 or more	100.0	53.3	17.4	12.7

[1] Includes other types of visits, not shown separately. [2] Includes visits to hospital outpatient department. [3] Includes other races not shown separately. [4] Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 168. Unincorporated and Incorporated Physicians and Dentists—Median Earnings From Practice: 1970 to 1983

[**In thousands of dollars.** Based on random sampling of office-based M.D.'s. 1983 data for physicians are based on 5,473 returned questionnaires (24.7 percent of all questionnaires mailed in 1984). *Unincorporated:* Represents net income from practice after payment of tax-deductible professional expenses but before payment of income taxes. For 1970, data relate to doctors of medicine (M.D.'s) under age 65 in private practice; 1975–1983, to office-based, patient-care M.D.'s of all ages. *Incorporated:* Applies to office-based, patient-care doctors of medicine (M.D.'s) of all ages who are shareholders of a medical corporation. Earnings include salary, bonuses (if any), and funds set aside by corporation for individual's retirement. *Dentists:* Data cover gross income (total collected fees) minus professional expenses. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970,* series D 918-919, for physicians and dentists]

Field of practice	Unincorporated							Incorporated					
	1970	1975	1979	1980	1981	1982	1983	1975	1979	1980	1981	1982	1983
Office-based M.D.'s, total [1]	**41.5**	**47.5**	**60.6**	**63.8**	**67.1**	**69.6**	**71.0**	**76.3**	**86.3**	**95.1**	**99.7**	**105.5**	**109.1**
Family practitioners	(NA)	48.2	67.3	66.3	59.8	71.4	71.7	61.9	68.0	75.6	77.9	80.5	84.4
General practitioners	37.4	38.6	50.5	54.2	56.4	61.0	60.6	59.2	70.8	74.7	76.3	80.2	80.3
General surgeons	45.0	53.7	65.8	83.3	78.9	73.1	81.7	83.3	88.6	101.8	102.6	105.2	110.8
Internists	41.3	53.7	69.3	63.9	68.2	78.9	75.3	71.1	79.8	80.6	89.1	95.6	96.4
Neurosurgeons	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	107.0	(NA)	(NA)	(NA)	(NA)	(NA)	156.9
Obstetricians-gynecologists	47.1	57.5	75.8	71.0	76.3	82.5	90.8	83.4	95.3	109.8	112.4	115.5	114.5
Orthopedic surgeons	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	107.0	(NA)	(NA)	(NA)	(NA)	(NA)	145.3
Pediatricians	36.9	43.5	53.7	56.7	56.2	60.8	67.1	58.6	67.0	74.0	74.7	78.2	81.3
Plastic surgeons	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.6	(NA)	(NA)	(NA)	(NA)	(NA)	133.7
Thoracic surgeons	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	89.0	(NA)	(NA)	(NA)	(NA)	(NA)	140.6
All dentists [2]	**28.1** [3]	**40.0** [4]	**39.9**	(NA)	**45.0**	**46.0**	**49.1**	(NA)	[4] **60.0**	(NA)	**66.0**	**72.5**	**75.0**

NA Not available. [1] Includes specialties not shown separately. [2] Source: American Dental Association, Chicago, IL, *Survey of Dental Practice,* biennial (copyright). Incorporated included in unincorporated for 1970 and 1976. [3] 1976 data. [4] 1978 data.

Source: Except as noted, Medical Economics Company, Oradell, NJ, *Medical Economics.* (Copyright © by Medical Economics Company; further reproduction prohibited without written permission of copyright owner.)

No. 169. Hospitals and Nursing Homes—Summary Characteristics: 1971 to 1983

[Based on National Master Facility Inventory; see Appendix III]

Year and type of facility	Total	Facilities under—			Facilities with—			Residents [1] (1,000)	Full-time employees (1,000)
		Govt. control	Profit control	Non-profit control	6-24 beds	25-74 beds	\75 or more beds		
1971: All facilities	29,682	4,178	18,091	7,413	8,902	10,959	9,821	2,262	3,007
Nursing homes [2]	22,004	1,368	17,049	3,587	8,266	8,259	5,479	1,076	568
Hospitals	7,678	2,810	1,042	3,826	636	2,700	4,342	1,186	2,439
1976: All facilities	27,739	4,055	16,339	7,345	6,111	9,868	11,760	2,343	3,498
Nursing homes [3]	20,468	1,402	15,343	3,723	5,675	7,531	7,262	1,293	653
Hospitals	7,271	2,653	996	3,622	436	2,337	4,498	1,050	2,845
1980: All facilities	30,116	3,498	19,611	7,007	8,852	8,573	12,691	2,427	3,919
Nursing homes [2 3 4]	23,065	936	18,669	3,460	8,498	6,362	8,205	1,396	[5] 798
Hospitals	7,051	2,562	942	3,547	354	2,211	4,486	1,031	3,121
1982: All facilities	32,880	3,583	22,130	7,164	10,728	8,689	13,463	2,527	(NA)
Nursing homes [4]	25,848	1,111	21,132	3,603	10,405	6,548	8,896	1,493	(NA)
Hospitals	7,031	2,472	998	3,561	323	2,141	4,567	1,034	3,276
1983: All hospitals [6]	6,996	2,418	1,014	3,564	310	2,116	4,570	1,011	3,240
General	6,088	2,043	757	3,288	273	1,851	3,964	816	2,900
Psychiatric	525	278	154	93	13	119	393	150	235
Chronic	45	26	3	16	–	8	37	12	16
Tuberculosis	8	6	–	2	–	2	6	1	2

– Represents zero. NA Not available. [1] Number of residents as of date of interview. [2] See footnote 1, table 178. [3] Includes 1978 data for Alaska and South Dakota. [4] Excludes hospital-based nursing homes. [5] Estimated. [6] Includes types not shown below.

Source: U.S. National Center for Health Statistics, *Health Resources Statistics,* annual through 1976; thereafter, unpublished data.

No. 170. Hospital Use Rates, by Type of Hospital: 1960 to 1983

[See also *Historical Statistics, Colonial Times to 1970,* series B 384-387]

Type of hospital	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Non-Federal short-term: [1]										
Admissions per 1,000 population [2]	128	137	140	156	156	157	159	159	157	155
Admissions per bed	36	36	34	35	35	36	36	36	36	35
Average length of stay [3] (days)	7.4	7.7	8.2	7.7	7.6	7.6	7.6	7.6	7.6	7.5
Outpatient visits per admission	(NA)	(NA)	4.5	5.9	6.0	5.8	5.7	5.7	6.9	5.9
Outpatient visits per 1,000 population [2]	(NA)	(NA)	641	911	930	908	913	901	1,084	915
Surgical operations (million)	(NA)	(NA)	(NA)	16.7	17.2	18.3	18.8	19.2	19.6	19.9
Number per admission	(NA)	(NA)	(NA)	.5	.5	.5	.5	.5	.5	.5
Psychiatric:										
Admissions per 1,000 population [2]	2.3	2.9	3.3	3.2	2.9	2.8	2.8	2.7	2.7	2.6
Days in hospital per 1,000 population [2]	1,491	1,261	862	490	345	334	326	304	292	274

NA Not available. [1] General and special; excludes psychiatric and tuberculosis. Short-term hospitals have an average patient stay of less than 30 days. [2] Based on Bureau of the Census estimated resident population as of July 1. [3] Number of inpatient days divided by number of admissions.

Source: American Hospital Association, Chicago, IL, *Hospital Statistics,* annual (copyright); and unpublished data.

NO. 171. HOSPITALS—SUMMARY CHARACTERISTICS, BY TYPE OF SERVICE AND CONTROL: 1960 TO 1983

[Covers hospitals accepted for registration by American Hospital Association; see text, page 95. Short-term hospitals have an average patient stay of less than 30 days; long-term, an average stay of longer duration. Special hospitals include obstetrics and gynecology; eye, ear, nose, and throat; rehabilitation; orthopedic; and chronic and other special hospitals except psychiatric, tuberculosis, alcoholism, and chemical dependency hospitals. See also *Historical Statistics, Colonial Times to 1970,* series B 305-318, B 331-344, and B 413-422]

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Number:										
All hospitals	6,876	7,123	7,123	7,156	7,015	6,988	6,965	6,933	6,915	6,888
With 100 beds or more	2,903	3,153	3,488	3,691	3,750	3,749	3,755	3,804	3,807	3,812
Non-Federal	6,441	6,680	6,715	6,774	6,645	6,627	6,606	6,585	6,569	6,546
Short-term general and special	5,407	5,736	5,859	5,979	5,935	5,923	5,904	5,879	5,863	5,843
Nongovernmental nonprofit	3,291	3,426	3,386	3,364	3,360	3,350	3,339	3,356	3,354	3,363
For profit	856	857	769	775	732	727	730	729	748	757
State and local government	1,260	1,453	1,704	1,840	1,843	1,846	1,835	1,794	1,761	1,723
Long-term general and special	308	283	236	215	169	165	157	146	138	131
Psychiatric	488	483	519	544	526	527	534	549	558	584
Tuberculosis	238	178	101	36	15	12	11	11	10	8
Federal	435	443	408	382	370	361	359	348	346	342
Beds (1,000):										
All hospitals	1,658	1,704	1,616	1,466	1,381	1,372	1,365	1,362	1,360	1,350
Rate per 1,000 population [1]	9.3	8.9	7.9	6.8	6.2	6.1	6.0	5.9	5.9	5.8
Beds per hospital	241	239	227	205	196	196	196	196	197	196
Non-Federal	1,481	1,530	1,455	1,334	1,259	1,255	1,248	1,246	1,246	1,237
Short-term general and special	639	741	848	947	980	988	992	1,007	1,015	1,021
Rate per 1,000 population [1]	3.6	3.9	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Nongovernmental nonprofit	446	515	592	659	684	690	693	706	712	718
For profit	37	47	53	73	81	83	87	88	91	94
State and local government	156	179	204	215	215	214	212	213	212	209
Long-term general and special	67	66	60	51	41	40	39	35	34	30
Psychiatric	722	685	527	330	235	224	215	202	195	185
Tuberculosis	52	37	20	6	3	2	2	2	1	1
Federal	177	174	161	132	122	117	117	116	114	113
Occupancy rate: [2]										
All hospitals	84.6	82.3	80.3	76.7	75.5	76.1	77.7	77.9	77.4	76.1
Non-Federal	(NA)	(NA)	(NA)	76.3	75.2	75.9	77.4	77.8	77.2	75.7
Short-term general and special	74.7	76.0	78.0	74.8	73.5	73.8	75.4	75.9	75.2	73.4
Nongovernmental nonprofit	76.6	77.8	80.1	77.4	76.1	76.5	78.2	78.5	77.8	75.8
For profit	65.4	68.6	72.2	65.9	63.8	63.9	65.2	66.4	65.5	63.1
State and local government	71.6	72.8	73.2	69.7	68.7	69.1	70.7	71.2	70.7	70.0
Long-term general and special	86.9	85.3	82.0	82.1	84.0	86.1	85.9	86.2	87.9	86.6
Psychiatric	93.1	88.6	84.8	80.3	80.9	83.2	85.2	85.9	86.1	86.5
Tuberculosis	75.4	70.0	61.8	57.7	59.9	61.8	67.0	66.5	62.3	67.5
Federal	87.2	86.1	79.6	80.7	78.4	78.2	80.1	79.0	79.4	80.5
Expenses (bil. dol.): [3]										
All hospitals	8.4	12.9	25.6	48.7	70.9	79.8	91.9	107.1	123.2	136.3
Non-Federal	7.3	11.4	23.1	44.2	64.2	72.5	84.0	98.5	113.7	125.6
Short-term general and special	5.6	9.1	19.6	39.1	58.3	66.2	77.0	90.7	105.1	116.6
Nongovernmental nonprofit	4.1	6.6	14.2	28.0	42.3	48.0	55.8	66.3	76.9	85.7
For profit	.3	.5	1.1	2.6	4.2	4.8	5.8	6.9	8.2	9.2
State and local government	1.2	2.0	4.3	8.6	11.9	13.4	15.3	17.6	20.1	21.7
Long-term general and special	.3	.4	.6	1.0	1.1	1.1	1.2	1.3	1.5	1.5
Psychiatric	1.2	1.7	2.7	4.0	4.7	5.1	5.8	6.4	7.0	7.4
Tuberculosis	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1
Federal	1.1	1.6	2.5	4.5	6.7	7.3	7.9	8.6	9.5	10.7
Personnel (1,000): [4]										
All hospitals	1,598	1,952	2,537	3,023	3,280	3,382	3,492	3,661	3,959	3,707
Non-Federal	1,412	1,754	2,321	2,766	3,002	3,109	3,213	3,378	3,656	3,422
Short-term general and special	1,080	1,386	1,929	2,399	2,662	2,762	2,879	3,039	3,312	3,102
Nongovernmental nonprofit	792	1,011	1,387	1,714	1,927	2,000	2,087	2,213	2,424	2,272
For profit	48	70	97	139	165	174	189	203	223	213
State and local government	241	306	444	546	571	588	602	622	665	618
Long-term general and special	55	65	69	68	58	61	56	61	61	53
Psychiatric	238	274	305	292	278	282	275	275	281	264
Tuberculosis	39	29	18	7	4	3	3	3	3	2
Federal	186	199	216	256	277	273	279	283	302	286
Personnel per 100 patients: [4]										
All hospitals	114	139	196	269	315	324	329	345	376	361
Non-Federal	113	140	198	272	317	327	333	348	380	365
Short-term general and special	226	246	292	339	370	379	385	398	434	414
Nongovernmental nonprofit	232	252	292	336	370	379	385	399	438	417
For profit	196	218	256	288	319	326	334	348	374	358
State and local government	215	234	298	365	387	398	401	411	443	422
Long-term general and special	95	115	140	162	168	174	170	200	200	202
Psychiatric	35	45	68	110	147	151	150	158	167	165
Tuberculosis	99	111	146	216	246	252	290	267	334	351
Federal	120	133	169	240	290	298	297	310	335	314

NA Not available. [1] Based on Bureau of the Census estimated resident population as of July 1. [2] Ratio of average daily census to every 100 beds. [3] Excludes new construction. [4] Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, IL., *Hospital Statistics,* annual. (Copyright.)

No. 172. Hospital Facilities—Total, 1960 to 1983, and States and Puerto Rico, 1983

[Short-term hospitals have an average stay of less than 30 days. See also *Historical Statistics, Colonial Times to 1970*, series B 305-308 and B 359-362]

Year and state or other area	Number of hospitals		Beds (1,000)		Patients admitted (mil.)		Average daily census [2] (1,000)		Occupancy rate [3]		Personnel [4] (1,000)	Total outpatient visits (mil.)
	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]		
1960	6,876	5,407	1,658.0	639.1	25.0	23.0	1,401.9	477.4	84.6	74.7	1,598	(NA)
1965	7,123	5,736	1,703.5	741.3	28.8	26.5	1,402.6	563.4	82.3	76.0	1,952	125.8
1970	7,123	5,859	1,615.8	848.2	31.8	29.3	1,297.7	661.5	80.3	78.0	2,537	181.4
1971	7,097	5,865	1,555.6	866.5	32.7	30.1	1,236.8	664.8	79.5	76.7	2,589	199.7
1972	7,061	5,843	1,549.7	883.7	33.3	30.8	1,208.9	664.1	78.0	75.2	2,671	219.2
1973	7,123	5,891	1,534.7	903.3	34.4	31.8	1,188.0	681.5	77.5	75.4	2,769	233.6
1974	7,174	5,977	1,512.7	931.2	35.5	32.9	1,187.4	701.3	77.2	75.3	2,919	250.5
1975	7,156	5,979	1,465.8	947.0	36.2	33.5	1,124.9	708.1	76.7	74.8	3,023	254.8
1976	7,082	5,956	1,433.5	961.2	36.8	34.1	1,089.7	714.8	76.0	74.4	3,108	271.0
1977	7,099	5,973	1,407.1	973.9	37.1	34.4	1,065.9	716.7	75.8	73.6	3,213	283.8
1978	7,015	5,935	1,380.6	979.7	37.2	34.6	1,041.9	719.9	75.5	73.5	3,280	283.6
1979	6,988	5,923	1,371.8	987.7	37.8	35.2	1,043.4	729.0	76.1	73.8	3,382	262.0
1980	6,965	5,904	1,364.5	992.0	38.9	36.2	1,059.7	748.3	77.7	75.4	3,492	262.9
1981	6,933	5,879	1,361.5	1,006.7	39.2	36.4	1,060.9	764.4	77.9	75.9	3,661	265.3
1982	6,915	5,863	1,359.8	1,015.2	39.1	36.4	1,052.7	763.3	77.4	75.2	3,959	313.7
1983, U.S.	**6,888**	**5,843**	**1,350.4**	**1,021.4**	**38.9**	**36.2**	**1,027.7**	**750.1**	**76.1**	**73.4**	**3,707**	**273.2**
Alabama	146	130	26.0	20.2	.8	.8	19.6	14.6	75.2	72.4	65	3.8
Alaska	26	18	1.8	1.1	.1	(z)	1.2	.7	67.2	67.1	6	.8
Arizona	79	58	12.2	9.6	.4	.4	8.8	6.8	71.8	71.2	38	3.8
Arkansas	97	92	13.8	11.7	.5	.4	9.5	7.9	69.0	67.6	33	1.7
California	581	493	110.3	83.5	3.4	3.1	77.3	55.1	70.1	65.9	330	29.6
Colorado	98	83	15.3	12.1	.5	.4	11.0	8.3	71.8	68.2	45	4.4
Connecticut	65	41	18.2	11.0	.5	.4	15.3	8.8	84.1	80.0	53	4.0
Delaware	14	8	3.9	2.1	.1	.1	3.4	1.8	86.4	83.5	10	.9
District of Columbia	17	12	8.7	4.8	.2	.2	7.2	3.9	82.8	81.9	31	2.5
Florida	254	218	59.7	49.3	1.5	1.8	45.1	36.4	75.5	73.8	167	10.2
Georgia	191	164	33.5	25.3	1.1	1.0	24.7	18.0	73.7	71.0	90	7.0
Hawaii	26	18	4.1	2.8	.1	.1	3.3	2.3	81.4	81.6	13	1.4
Idaho	52	47	4.1	3.6	.1	.1	2.6	2.3	64.3	64.1	10	.9
Illinois	279	245	70.6	57.4	2.0	1.9	51.7	40.4	73.3	70.3	201	13.2
Indiana	133	116	32.0	24.7	.9	.9	24.7	18.5	77.1	74.9	85	6.5
Iowa	140	129	19.8	16.1	.5	.5	13.6	10.5	68.8	65.2	46	3.4
Kansas	165	148	18.3	13.8	.4	.4	12.2	8.4	67.0	60.7	43	3.4
Kentucky	120	106	19.1	15.8	.7	.6	14.9	12.2	77.9	77.3	50	3.7
Louisiana	158	138	26.4	19.8	.8	.8	18.8	13.2	71.2	67.0	69	5.2
Maine	47	43	6.4	4.8	.2	.2	4.8	3.4	75.2	70.7	19	1.4
Maryland	85	55	23.8	15.6	.6	.6	19.7	12.9	82.8	82.5	71	5.8
Massachusetts	177	119	41.2	26.0	.9	.9	33.7	20.9	81.8	80.2	131	9.5
Michigan	231	202	47.8	39.4	1.4	1.4	37.5	30.3	78.4	76.7	150	11.7
Minnesota	181	169	29.1	23.4	.7	.6	21.3	16.4	73.2	70.2	64	3.1
Mississippi	118	108	17.4	12.9	.5	.5	12.9	9.1	74.2	70.3	39	2.2
Missouri	169	147	33.7	27.5	1.0	.9	24.9	19.5	73.7	71.0	96	4.9
Montana	67	60	5.3	4.6	.1	.1	3.6	3.0	67.2	65.5	11	.8
Nebraska	110	100	12.0	10.3	.3	.3	8.4	7.0	69.6	68.2	28	1.7
Nevada	26	20	3.6	3.2	.1	.1	2.4	2.1	65.4	64.5	11	.9
New Hampshire	34	29	4.6	3.5	.1	.1	3.5	2.5	75.4	70.7	13	1.4
New Jersey	131	102	42.6	31.0	1.2	1.1	35.2	25.0	82.8	80.7	109	7.4
New Mexico	56	39	6.3	4.1	.2	.2	4.5	2.8	72.3	68.6	19	1.9
New York	338	268	122.2	79.3	2.8	2.6	107.6	69.2	88.1	87.2	339	26.8
North Carolina	159	132	32.6	24.6	1.0	.9	25.0	18.2	76.8	74.1	86	5.2
North Dakota	58	52	6.0	4.9	.2	.1	4.1	3.3	68.0	67.6	13	.7
Ohio	236	203	62.4	51.4	1.9	1.8	48.1	39.0	77.1	75.8	184	12.6
Oklahoma	143	122	17.8	13.7	.6	.5	12.4	9.3	69.3	68.0	47	3.3
Oregon	83	75	11.7	9.1	.4	.4	8.0	5.9	68.1	65.1	32	2.3
Pennsylvania	307	248	79.9	57.4	2.1	2.0	65.2	45.5	81.5	79.2	222	17.3
Rhode Island	21	14	5.8	3.5	.1	.1	4.8	2.8	82.8	81.1	18	1.4
South Carolina	89	75	16.7	12.0	.5	.4	12.5	8.7	74.8	72.4	41	3.5
South Dakota	68	57	5.7	4.4	.1	.1	3.8	2.9	67.1	65.5	12	.7
Tennessee	162	146	32.1	26.6	1.0	1.0	24.1	19.7	75.1	73.9	82	3.9
Texas	562	497	84.9	65.6	2.7	2.5	60.8	45.4	71.6	69.2	225	14.5
Utah	44	39	5.4	4.4	.2	.2	3.7	2.9	69.0	65.8	17	1.6
Vermont	19	16	3.0	2.2	.1	.1	2.3	1.6	76.2	73.6	8	.5
Virginia	135	102	31.3	21.9	.9	.8	23.7	16.4	75.9	74.7	80	6.2
Washington	122	107	16.2	12.9	.6	.6	11.7	8.9	72.2	69.8	50	4.8
West Virginia	75	65	13.0	10.5	.4	.4	9.8	7.8	75.7	74.7	33	2.6
Wisconsin	163	141	29.4	23.8	.8	.7	21.1	16.5	71.7	69.2	71	5.4
Wyoming	31	27	2.8	1.9	.1	.1	1.8	1.1	65.4	58.0	6	.5
Puerto Rico	62	56	10.9	8.9	.4	.4	7.6	5.8	70.0	65.9	24	2.7

NA Not available. Z Less than 50,000. [1] Non-Federal hospitals. [2] Inpatients receiving treatment each day; excludes newborn. [3] Ratio of average daily census to every 100 beds. [4] Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, IL, *Hospital Statistics*, annual. (Copyright.)

NO. 173. AVERAGE COST TO COMMUNITY HOSPITALS PER PATIENT: 1970 TO 1983

[**In dollars, except percent.** *Average cost per day and average cost per stay cover non-Federal short-term general or special* hospitals (excluding psychiatric or tuberculosis hospitals and, beginning 1972, hospital units of institutions). Total cost per patient based on total hospital expenses (payroll, employee benefits, professional fees, supplies, etc.). Data have been adjusted for outpatient visits]

TYPE OF EXPENSE AND HOSPITAL	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Average cost per patient day, total	**74**	**95**	**102**	**114**	**134**	**153**	**174**	**194**	**217**	**245**	**284**	**327**	**369**
Annual percent change [1]	12.7	13.4	8.0	10.8	17.8	14.2	13.9	11.7	11.8	12.8	16.0	15.1	12.8
Nongovernmental nonprofit	75	95	103	113	133	153	175	195	218	246	286	330	374
For profit	71	92	99	109	133	156	177	202	226	257	299	340	385
State and local government	71	94	102	115	136	151	171	189	212	239	274	312	348
Labor expenses per day as percent of total expenses: [2]													
All community hospitals	(NA)	62.6	61.7	60.7	59.3	57.8	57.5	57.1	57.0	56.3	56.6	56.7	56.4
Nongovernmental nonprofit	(NA)	62.9	62.2	60.9	59.8	59.1	58.2	57.9	57.6	57.2	57.4	57.5	57.2
For profit	(NA)	58.8	52.3	51.6	48.6	46.4	46.3	45.2	46.4	45.7	46.9	46.8	47.1
State and local government	(NA)	63.6	62.8	62.4	60.9	57.1	58.7	58.6	58.3	57.3	57.5	57.6	57.4
Average cost per patient stay, total	**605**	**749**	**799**	**886**	**1,030**	**1,176**	**1,322**	**1,474**	**1,642**	**1,851**	**2,171**	**2,501**	**2,789**
Nongovernmental nonprofit	615	763	811	896	1,040	1,208	1,363	1,515	1,684	1,902	2,226	2,573	2,869
For profit	486	607	666	729	876	1,032	1,168	1,317	1,476	1,676	1,953	2,226	2,518
State and local government	614	754	799	887	1,031	1,133	1,262	1,399	1,561	1,750	2,072	2,364	2,621

NA Not available. [1] For explanation of annual percent change, see Guide to Tabular Presentation. Average change from prior year shown. For 1970, change from 1965. [2] Covers payroll and employee benefit expenses.

Source: American Hospital Association, Chicago, IL, *Hospital Statistics*, annual (copyright), and unpublished data.

NO. 174. AVERAGE DAILY HOSPITAL ROOM CHARGES, 1980 AND 1985, AND AVERAGE COST TO COMMUNITY HOSPITALS PER PATIENT, 1980 AND 1983—STATES

[**In dollars.** Average daily room charges cover non-governmental short-term general hospitals and represent average cost to patient for a semi-private room. See headnote, table 173]

STATE	AVERAGE DAILY ROOM CHARGE[1]		AVERAGE COST PER DAY		AVERAGE COST PER STAY		STATE	AVERAGE DAILY ROOM CHARGE[1]		AVERAGE COST PER DAY		AVERAGE COST PER STAY	
	1980	1985	1980	1983	1980	1983		1980	1985	1980	1983	1980	1983
U.S	**127**	**212**	**281**	**369**	**2,126**	**2,789**	MO	107	185	257	368	2,065	2,893
AL	96	162	229	322	1,599	2,276	MT	113	203	184	259	1,516	2,172
AK	189	274	496	578	2,781	3,385	NE	100	155	215	279	1,699	2,393
AZ	106	193	337	467	2,340	3,155	NV	125	241	388	559	2,485	3,488
AR	86	141	204	287	1,292	1,898	NH	125	199	247	328	1,758	2,272
CA	161	281	429	565	2,836	3,635	NJ	146	183	241	310	2,113	2,491
CO	124	212	287	387	2,035	2,750	NM	115	192	304	416	1,790	2,518
CT	127	206	328	396	2,470	3,048	NY	157	224	303	347	2,910	3,335
DE	125	214	283	355	2,311	2,810	NC	87	139	212	287	1,604	2,158
DC	170	274	400	501	3,581	4,419	ND	93	176	191	270	1,675	2,320
FL	109	182	273	380	2,005	2,821	OH	139	229	274	372	2,176	2,917
GA	92	151	249	317	1,576	2,133	OK	101	165	264	358	1,690	2,351
HI	127	231	298	358	2,237	2,964	OR	133	230	326	427	1,969	2,502
ID	110	199	246	305	1,483	1,989	PA	132	256	273	372	2,277	3,099
IL	144	247	312	413	2,469	3,239	RI	138	205	307	371	2,546	3,002
IN	107	184	248	337	1,883	2,533	SC	80	140	213	291	1,556	2,139
IA	107	179	225	310	1,660	2,404	SD	96	162	208	244	1,386	2,098
KS	104	184	234	331	1,797	2,521	TN	91	142	224	300	1,580	2,185
KY	92	176	214	298	1,443	2,036	TX	91	159	252	354	1,661	2,319
LA	89	156	259	383	1,663	2,397	UT	112	169	314	432	1,697	2,317
ME	124	209	261	351	2,061	2,534	VT	116	211	218	283	1,745	2,309
MD	119	187	296	358	2,518	2,917	VA	101	164	243	320	1,899	2,496
MA	151	229	358	417	3,146	3,608	WA	125	229	307	423	1,774	2,422
MI	151	270	313	399	2,447	3,169	WV	110	164	226	303	1,614	2,149
MN	105	188	228	299	2,055	2,743	WI	104	167	249	323	2,037	2,620
MS	87	114	194	250	1,307	1,756	WY	98	166	290	349	1,430	1,935

[1] As of January. Source: Health Insurance Association of America, Washington, DC, *Source Book of Health Insurance Data*, 1985, and *Survey of Semi-Private Room Charges*, semiannual.

Source: Except as noted, American Hospital Association, Chicago, IL, *Hospital Statistics*, annual (copyright); and unpublished data.

No. 175. Hospital Utilization Rates, by Sex, 1965 to 1983, and Selected Characteristic, 1983

[Represents estimates of inpatients discharged from noninstitutional, short-stay hospitals, exclusive of Federal hospitals. Excludes newborn. Based on sample data collected from the National Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability]

Selected characteristic	Patients discharged (1,000)	Patients discharged per 1,000 persons [1]			Days of care per 1,000 persons [1]			Average stay (days)			Beds used per day [2]
		Total	Male	Female	Total	Male	Female	Total	Male	Female	
1965	28,792	152	121	180	1,186	1,018	1,339	7.8	8.4	7.4	325
1970	29,127	144	118	169	1,122	982	1,251	8.0	8.7	7.6	321
1975	34,043	159	131	186	1,227	1,079	1,366	7.7	8.2	7.4	344
1978	35,616	162	135	186	1,188	1,052	1,315	7.4	7.8	7.1	336
1979	36,747	165	137	191	1,185	1,045	1,315	7.2	7.7	6.9	335
1980	37,832	168	139	194	1,217	1,068	1,356	7.3	7.7	7.0	337
1981	38,544	169	140	197	1,218	1,072	1,354	7.2	7.7	6.9	334
1982	38,593	168	139	195	1,186	1,045	1,318	7.1	7.5	6.8	325
1983, total	**38,783**	**167**	**139**	**193**	**1,155**	**1,024**	**1,278**	**6.9**	**7.4**	**6.6**	**316**
Under 1 year old	936	256	289	221	1,684	1,872	1,487	6.6	6.5	6.7	461
1–4 years old	1,146	81	92	70	297	332	260	3.7	3.6	3.7	81
5–14 years old	1,572	47	51	42	187	203	170	4.0	4.0	4.1	51
15–24 years old	5,167	129	68	190	566	396	735	4.4	5.8	3.9	155
25–34 years old	6,279	159	85	231	772	522	1,014	4.9	6.2	4.4	212
35–44 years old	3,823	131	107	154	814	687	934	6.2	6.4	6.1	223
45–64 years old	8,558	192	197	188	1,461	1,491	1,433	7.6	7.6	7.6	400
65 years and over	11,302	413	437	396	4,004	4,187	3,882	9.7	9.6	9.8	1,097
Region:											
Northeast	7,793	158	136	178	1,278	1,160	1,385	8.1	8.5	7.8	350
Midwest	10,492	178	151	204	1,281	1,138	1,416	7.2	7.5	6.9	351
South	13,884	177	143	207	1,158	1,102	1,294	6.6	7.1	6.2	317
West	6,614	146	119	172	854	754	949	5.9	6.4	5.5	234
Hospital ownership:											
Nonprofit	26,726	115	95	134	819	724	908	7.1	7.6	6.8	224
State, local gov't	8,190	35	30	40	222	201	243	6.3	6.7	6.0	61
Proprietary	3,867	17	14	19	113	99	127	6.8	7.1	6.6	31

[1] Based on Bureau of the Census estimated civilian population as of July 1. [2] Average daily number of beds occupied per 100,000 civilian population.

No. 176. Hospital Discharges and Days of Care, by Sex, Age and Diagnosis: 1983

[See headnote, table 175]

Age and first-listed diagnosis	Discharges		Days of care per 1,000 persons [1]	Average stay (days)	Age and first-listed diagnosis	Discharges		Days of care per 1,000 persons [1]	Average stay (days)
	Number (1,000)	Per 1,000 persons [1]				Number (1,000)	Per 1,000 persons [1]		
MALE					**FEMALE**				
All ages [2]	**15,573**	**138.8**	**1,023.7**	**7.4**	**All ages [2]**	**23,210**	**193.2**	**1,278.0**	**6.6**
Diseases of heart	1,911	17.0	139.9	8.2	Delivery	3,976	33.1	117.5	3.6
Malignant neoplasms	996	8.9	95.2	10.7	Diseases of heart	1,686	14.0	125.6	8.9
Fracture	543	4.8	43.2	8.9	Malignant neoplasms	1,069	8.9	92.4	10.4
Inguinal hernia	429	3.8	15.4	4.0	Fracture	547	4.6	52.4	11.5
Pneumonia	426	3.8	30.0	7.8	Benign neoplasms	437	3.6	22.6	6.2
Under 15 years [2]	2,084	79.0	375.0	4.5	Under 15 years [2]	1,570	62.3	288.1	4.6
Pneumonia	141	5.3	25.9	4.9	Pneumonia	102	4.0	18.8	4.7
Congenital anomalies	118	4.5	24.0	5.4	Congenital anomalies	74	2.9	17.5	5.9
Bronchitis, emphysema [3]	118	4.5	16.5	3.7	Bronchitis, emphysema [3]	67	27	9.6	3.6
Fracture	98	3.7	20.9	5.7	Fracture	49	2.0	8.8	4.5
Inguinal hernia	61	2.3	4.2	1.8	Eye diseases, conditions	29	1.2	2.6	2.3
15–44 years [2]	4,524	84.3	519.0	6.2	15–44 years [2]	10,745	194.8	890.8	4.6
Neuroses [4]	363	6.8	74.3	11.0	Delivery	3,962	71.8	255.1	3.6
Fracture	276	5.2	40.5	7.9	Neuroses [4]	283	5.1	52.7	10.3
Diseases of heart	167	3.1	19.4	6.2	Disorders of menstruation	252	4.6	16.4	3.6
Lacerations	157	2.9	12.5	4.3	Benign neoplasms	208	3.8	21.5	5.7
Sprains and strains	102	1.9	10.6	5.7	Cholelithiasis [5]	130	2.4	16.1	6.8
45–64 years [2]	4,159	196.6	1,491.0	7.6	45–64 years [2]	4,400	188.3	1,433.1	7.6
Diseases of heart	793	37.5	285.3	7.6	Diseases of heart	439	18.8	146.4	7.8
Malignant neoplasms	330	15.6	160.8	10.3	Malignant neoplasms	408	17.5	165.7	9.5
Neuroses [4]	153	7.2	70.6	9.8	Benign neoplasms	136	5.8	35.7	6.1
Inguinal hernia	141	6.7	27.4	4.1	Neuroses [4]	117	5.0	52.2	10.4
Fracture	74	3.5	33.9	9.7	Disorders of menstruation	66	2.8	11.0	3.9
65 years and over [2]	4,806	437.2	4,187.2	9.6	65 years and over [2]	6,496	396.3	3,881.8	9.8
Diseases of heart	937	85.3	776.6	9.1	Diseases of heart	1,147	70.0	670.0	9.6
Malignant neoplasms	553	50.3	587.1	11.7	Malignant neoplasms	506	30.9	371.7	12.0
Cerebrovascular diseases	286	26.0	306.5	11.8	Eye diseases, conditions	390	23.8	71.0	3.0
Hyperplasia of prostate	194	17.6	142.7	8.1	Cerebrovascular diseases	355	21.7	265.8	12.3
Pneumonia	156	14.2	149.7	10.5	Fracture	302	18.4	265.9	14.5

[1] Based on Bureau of the Census estimated civilian population as of July 1. [2] Includes other first-listed diagnoses, not shown separately. [3] Includes asthma. [4] Includes nonpsychotic disorders. [5] Gallstones.

Source of tables 175 and 176: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 13, and unpublished data.

NO. 177. SURGICAL OPERATIONS IN SHORT-STAY HOSPITALS: 1971 TO 1983

[Excludes newborn infants and discharges from Federal hospitals. See headnote, table 175]

SEX AND TYPE OF OPERATION	NUMBER OF OPERATIONS (mil.)						RATE PER 1,000 POPULATION [1]					
	1971	1975	1980	1981	1982	1983	1971	1975	1980	1981	1982	1983
Total [2]	15.77	20.04	24.49	25.62	25.82	26.22	77.0	93.7	108.6	112.6	112.3	112.9
Male [3]	6.16	7.37	8.50	8.77	9.06	9.27	62.4	71.4	78.1	79.8	81.7	82.6
Operations on the musculoskeletal system	1.07	1.34	1.54	1.56	1.65	1.66	10.8	13.0	14.2	14.1	14.9	14.8
Operations on the cardiovascular system	.30	.52	.80	.89	1.02	1.11	3.0	5.1	7.4	8.1	9.2	9.9
Biopsy	.24	.35	.55	.55	.60	.63	2.4	3.4	5.0	5.0	5.4	5.6
Operations on the eye	.25	.33	.45	.51	.57	.60	2.6	3.2	4.1	4.6	5.1	5.4
Repair of inguinal hernia	.44	.48	.48	.46	.49	.46	4.9	4.7	4.4	4.2	4.4	4.1
Prostatectomy	.21	.27	.34	.35	.36	.36	2.1	2.6	3.1	3.2	3.2	3.2
Cardiac catheterization	.06	.13	.23	.27	.31	.33	.6	1.2	2.1	2.5	2.8	2.9
Tonsillectomy with or without adenoidectomy	.45	.30	.20	.19	.18	.19	4.5	2.9	1.8	1.7	1.6	1.7
Appendectomy [4]	.16	.16	.15	.17	.15	.15	1.7	1.5	1.3	1.6	1.3	1.3
Female [2 3]	9.59	12.66	15.99	16.85	16.76	16.95	90.4	114.6	137.1	143.1	141.0	141.1
Operations on the female genital organs [3]	2.79	3.89	4.26	4.22	4.00	3.85	26.3	35.2	36.5	35.8	33.7	32.0
Diagnostic dilation and curettage of uterus	.77	.98	.92	.83	.74	.63	7.3	8.8	7.9	7.1	6.2	5.3
Hysterectomy	.57	.73	.65	.67	.65	.67	5.4	6.6	5.6	5.7	5.5	5.6
Bilateral destruction or occlusion of Fallopian tubes	.21	.37	.64	.65	.60	.57	2.0	3.3	5.5	5.5	5.1	4.7
Obstetrical procedures [2]	.97	1.25	3.80	3.93	3.95	3.91	9.2	11.3	30.9	33.4	33.2	32.6
Cesarean section	.19	.33	.62	.70	.73	.81	1.8	3.0	5.3	6.0	6.1	6.7
Operations on the musculoskeletal system	.88	1.26	1.49	1.63	1.67	1.84	8.3	11.4	12.7	13.8	14.1	15.3
Operations on the eye	.31	.42	.60	.73	.84	.96	2.9	3.8	5.1	6.2	7.0	8.0
Biopsy	.52	.75	.80	.86	.82	.87	4.9	6.8	6.9	7.3	6.9	7.2
Cholecystectomy	.29	.34	.34	.35	.36	.34	2.7	3.1	2.9	3.0	3.0	2.8
Tonsillectomy with or without adenoidectomy	.52	.39	.27	.27	.26	.24	4.9	3.5	2.3	2.3	2.2	2.0
Appendectomy [4]	.15	.16	.15	.14	.13	.14	1.4	1.4	1.2	1.2	1.1	1.1

[1] Based on Bureau of the Census estimated civilian population as of July 1.
[2] Beginning 1980, includes some obstetrical procedures for inducing or assisting delivery which were excluded prior to 1980.
[3] Includes other types of operations not shown separately. [4] Excluding incidental.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 13, and unpublished data.

NO. 178. NURSING AND RELATED CARE FACILITIES: 1970 TO 1984

[Count of nursing and related care homes based on National Master Facility Inventory compiled by the U.S. National Center for Health Statistics; see Appendix III]

ITEM	Unit	1970	1971	1973	1975	1976	1978	1980	1982	1983	1984
Nursing and related care: [1]											
Facilities	Number	(NA)	22,004	21,834	(NA)	20,468	[2] 18,722	[3] 23,065	[4] 25,849	(NA)	(NA)
Beds	1,000	(NA)	1,202	1,328	(NA)	1,415	[2] 1,349	[3] 1,537	[4] 1,642	(NA)	(NA)
Resident patients	1,000	(NA)	1,076	1,198	(NA)	1,293	[2] 1,240	[3] 1,396	[4] 1,493	(NA)	(NA)
Employees, full-time [5]	1,000	(NA)	568	636	(NA)	653	[2] 664	[3] 798	(NA)	(NA)	(NA)
Per 1,000 patients	Rate	(NA)	528	531	(NA)	505	[2] 535	[3] 571	(NA)	(NA)	(NA)
Nursing homes with 25 beds or more:											
Facilities	Number	(NA)	(NA)	14,089	(NA)	14,133	(NA)	[3] 14,567	[4] 15,444	(NA)	(NA)
Beds	1,000	(NA)	(NA)	1,212	(NA)	1,292	(NA)	[3] 1,460	[4] 1,558	(NA)	(NA)
Resident patients	1,000	(NA)	(NA)	1,099	(NA)	1,184	(NA)	[3] 1,329	[4] 1,419	(NA)	(NA)
Personnel employed [5]	1,000	(NA)	(NA)	694	(NA)	738	(NA)	[3] 918	(NA)	(NA)	(NA)
Per 1,000 patients	Rate	(NA)	(NA)	631	(NA)	623	(NA)	[3] 690	(NA)	(NA)	(NA)
Skilled nursing facilities [6]	Number	4,646	4,277	3,970	3,926	3,922	4,745	5,052	5,408	5,632	5,952
Beds	1,000	333	307	287	287	309	408	436	488	512	530
Per 1,000 Medicare enrollees [7]	Rate	16.6	15.1	13.5	13.0	13.7	17.3	17.7	19.1	19.8	19.9

NA Not available. [1] Covers nursing homes with 3 beds or more and all other places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Includes skilled nursing facilities. Some changes in data beginning 1976 may be due to dependence on State collection; see Appendix III. [2] Includes 1976 data for California, District of Columbia, New York, and North Carolina. [3] Excludes hospital-based nursing homes and includes 1978 data for Alaska and South Dakota. [4] Excludes hospital-based nursing homes. [5] Full-time equivalent employees. [6] Source: Through 1976, U.S. Social Security Administration, *Health Insurance Statistics* and unpublished data. Beginning 1978, U.S. Health Care Financing Administration, *Medicare: Participating Health Facilities, 1979; Medicare Participating Providers and Suppliers of Health Services, 1980;* and unpublished data. Covers facilities and beds certified for participation under Medicare as of mid-year. Includes facilities which have transfer agreements with one or more participating hospitals, and are engaged primarily in providing skilled nursing care and related services for the rehabilitation of injured, disabled, or sick persons.
[7] Based on number of aged persons residing in United States who were enrolled in the Medicare hospital insurance program as of July 1 of year stated.

Source: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics,* annual through 1976 and 1978. Beginning 1979, unpublished data.

NO. 179. NURSING AND RELATED CARE FACILITIES—STATES: 1982

[Covers nursing homes with 3 beds or more and all other places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Includes skilled nursing facilities, but excludes hospital-based nursing homes. For *composition of regions, see* fig. I, inside front cover. Based on National Master Facility Inventory; see Appendix III]

REGION, DIVISION, AND STATE	Facilities	Beds (1,000)	Resident patients (1,000)	DIVISION AND STATE	Facilities	Beds (1,000)	Resident patients (1,000)	DIVISION AND STATE	Facilities	Beds (1,000)	Resident patients (1,000)
U.S	**25,849**	**1,642**	**1,493**	**W. No. Cent.**	**2,635**	**191**	**176**	**W. So. Cent.**	**1,811**	**177**	**151**
Region:				MN	417	43	41	AR	202	19	18
Northeast	3,866	329	312	IA	540	39	36	LA	225	25	24
Midwest	8,137	540	491	MO	827	50	44	OK	365	29	25
South	6,225	463	414	ND	85	6	6	TX	1,019	104	84
West	7,621	309	279	SD	139	8	8				
				NE	263	19	17	**Mt.**	**630**	**49**	**45**
N. Eng.	**1,903**	**113**	**108**	KS	364	26	24	MT	65	5	5
ME	430	12	11					ID	48	4	4
NH	89	7	7	**So. Atl.**	**3,126**	**198**	**182**	WY	25	2	2
VT	159	4	4	DE	36	2	2	CO	158	17	15
MA	779	53	50	MD	204	22	20	NM	76	3	3
RI	109	9	9	DC	45	3	2	AZ	143	10	9
CT	337	28	27	VA	443	32	28	UT	80	5	5
				WV	169	8	7	NV	35	3	2
Mid. Atl.	**1,963**	**216**	**204**	NC	886	32	30				
NY	944	112	106	SC	193	12	12	**Pac.**	**6,991**	**260**	**234**
NJ	467	39	37	GA	335	32	31	WA	400	31	28
PA	552	65	61	FL [2]	815	55	50	OR	196	16	14
								CA [4]	6,161	209	188
E. No. Cent.	**5,502**	**349**	**315**	**E. So. Cent.**	**1,288**	**88**	**81**	AK	12	1	1
OH	924	76	69	KY [3]	675	28	25	HI	222	3	3
IN	477	46	42	TN	257	26	24				
IL	849	101	91	AL	191	21	19				
MI [1]	2,744	73	66	MS	165	13	13				
WI	508	51	47								

[1] Data include 2,243 adult foster care homes. [2] Data include 429 adult congregate living facilities. [3] Data include 373 family care homes. [4] Data include 4,985 residential community care facilities.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 14.

NO. 180. RESIDENTIAL FACILITIES FOR THE MENTALLY RETARDED: 1960 TO 1982

[For years ending **June 30.** Mentally retarded people refers to those who have been so designated by State governments in the process of placing them into residential facilities]

ITEM	STATE-OPERATED FACILITIES [1]							PRIVATE FACILITIES [3]	
	1960	1965	1970	1975	1980 [2]	1981 [2]	1982 [2]	1977	1982
Number of institutions	108	143	190	210	394	371	364	10,219	14,605
Resident patients, beginning of year	158,682	181,549	189,956	166,689	148,734	140,043	132,235	(NA)	(NA)
Admissions [4]	14,701	17,300	14,985	13,424	14,064	11,510	10,111	22,363	22,431
Deaths in institutions	3,202	3,583	3,496	2,752	2,142	1,965	1,701	891	920
Live releases [5]	6,451	7,993	14,702	18,320	16,225	14,643	13,479	12,384	12,999
Resident patients, end of year	163,730	187,273	186,743	159,041	140,230	131,996	124,868	89,120	115,032
Rate per 100,000 *population* [6]	91.9	97.7	92.5	74.4	62.2	58.0	54.0	41.2	49.7
Average daily resident patients	163,282	189,172	187,897	161,061	136,304	128,874	123,294	(NA)	(NA)
Maintenance expenditures per day per average daily resident patient (dollars) [7]	5	6	13	31	68	84	89	[8] 19	[8] 37

NA Not available. [1] Data as submitted by many State agencies; figures reflect some estimates. Resident patients at the end of a year do not equal the number at the beginning of a succeeding year. Includes estimates for underreporting. [2] Includes data for 142 facilities in 1980, 126 facilities in 1981, and 119 facilities in 1982, operated as mental hospitals or other care facilities and which have at least 10 mentally retarded residents. The average daily number of mentally retarded residents in these facilities was 8,240 in 1980; 5,900 in 1981, and 6,056 in 1982. [3] A privately-operated living quarter which provides 24-hour, 7-days-a-week responsibility for room, board, and supervision of mentally retarded persons. Excludes single-family homes providing services to a relative; nursing homes, boarding homes and foster homes not formally licensed or contracted as mental retardation service providers; and independent living programs which have no staff residing in facility. [4] Includes readmissions and excludes transfers. [5] 1960–1975, represents excess of patients released alive from hospital over those returning to hospital. Beginning 1980, total live releases. [6] Based on Bureau of the Census estimated civilian population as of July 1. [7] Reporting facilities only; includes salaries and wages, purchased provisions, fuel, light, water, etc. [8] Represents average daily reimbursement rate per resident.

Source: State-operated facilities: U.S. Office of Human Development Services, *Residents in Public Institutions for the Mentally Retarded*, annual through 1970, and unpublished data; 1980, Krantz, Clumpner, Rotegard, and Bruininks, *Mentally Retarded People in State-Operated Residential Facilities, Year Ending June 30, 1980.* 1981 and 1982, Rotegard and Bruininks, *Mentally Retarded People in State-Operated Residential Facilities: Years Ending June 30, 1981* and *June 30, 1982.* University of Minnesota, Minneapolis, MN. Private facilities: Hauber, Bruininks, & Hill, *1982 National Census of Residential Facilities: Summary Report* and Hill, Lakin, and Bruininks, *Trends in Residential Services for Mentally Retarded People: 1977–1982.*

No. 181. Mental Health Facilities—Summary by Type of Facility: 1970 to 1982

[Facilities and beds as of January; inpatients as of yearend; other data are for calendar year or fiscal year ending in a month other than December since facilities are permitted to report on either a calendar or fiscal year basis. Excludes private psychiatric office practice and psychiatric service modes of all types in hospitals or outpatient clinics of Federal agencies other than Veterans Administration]

ITEM AND YEAR	Unit	Total	MENTAL HOSPITALS		General hospitals [2]	Veterans Administration [3]	Community mental health centers [4]	Psychiatric outpatient clinics [5]	All other [6]
			State and county	Private [1]					
Number of facilities:									
1970	Number	3,005	310	411	797	115	196	1,109	67
1976	Number	3,480	303	513	870	126	517	1,076	75
1978	Number	3,738	297	563	923	136	555	1,160	104
1980	Number	3,727	280	552	[7] 923	[7] 136	[8] 691	1,053	92
1982	Number	4,302	277	550	[9] 1531	129	([9])	[9] 1,473	[9] 342
Inpatient beds:									
1970	1,000	524.9	413.1	29.4	22.4	50.7	8.1	(X)	1.2
1976	1,000	339.0	222.2	34.1	28.7	35.9	17.0	(X)	1.0
1978	1,000	301.0	184.1	36.7	29.4	33.8	14.8	(X)	2.2
1980	1,000	274.7	156.5	37.4	[7] 29.4	[7] 33.8	[8] 16.3	(X)	1.4
1982	1,000	247.3	140.1	37.5	[9] 36.5	24.6	([9])	(X)	[9] 8.5
Per 100,000 population: [10]									
1970	Rate	263.6	207.4	14.8	11.2	25.5	4.1	(X)	.6
1980	Rate	124.3	70.2	16.8	[7] 13.7	[7] 15.7	[8] 7.3	(X)	.6
1982	Rate	108.1	61.2	16.4	[9] 16.0	10.8	([9])	(X)	[9] 3.7
Inpatients:									
1975	1,000	284.2	193.4	27.9	18.9	31.9	10.8	(X)	1.3
1977	1,000	249.0	159.5	30.4	18.8	28.7	10.5	(X)	1.2
1979	1,000	230.2	140.4	31.2	[11] 18.8	[11] 28.7	[12] 10.1	(X)	1.1
1981	1,000	214.1	125.2	31.9	[9] 28.7	21.0	([9])	(X)	[9] 7.2
Per 100,000 population: [10]									
1975	Rate	134.4	91.5	13.2	8.9	15.1	5.1	(X)	.6
1979	Rate	103.9	63.0	14.0	[11] 8.6	[11] 13.3	[12] 4.5	(X)	.5
1981	Rate	93.5	54.7	13.9	[9] 12.6	9.2	([9])	(X)	[9] 3.1
Average daily inpatients:									
1975	1,000	287.6	193.4	28.2	22.9	32.1	10.2	(X)	.8
1977	1,000	252.3	156.7	31.1	23.1	28.7	10.5	(X)	1.8
1979	1,000	233.4	138.6	32.0	[11] 23.1	[11] 28.7	[12] 9.9	(X)	1.1
1981	1,000	211.0	122.1	32.1	[9] 29.3	20.8	([9])	(X)	[9] 6.8
Inpatient care episodes: [13]									
1975	1,000	1,817	599	165	566	214	247	(X)	26
1977	1,000	1,846	574	184	572	218	269	(X)	29
1979	1,000	1,780	527	184	[11] 572	[11] 218	254	(X)	25
1981	1,000	1,720	499	211	[9] 677	206	([9])	(X)	[9] 126
Per 100,000 population: [10]									
1975	Rate	860	283	78	268	101	117	(X)	12
1979	Rate	812	236	83	[11] 266	[11] 101	[7] 114	(X)	11
1981	Rate	756	219	93	[9] 297	90	([9])	(X)	[9] 56
Total expenditures:									
1975	Mil. dol	6,564	3,185	746	621	699	776	422	116
1977	Mil. dol	7,463	3,330	922	723	848	990	493	156
1979	Mil. dol	8,764	3,757	1,179	[11] 723	[11] 848	[12] 1,481	589	187
1981	Mil. dol	(NA)	4,493	1,643	[9] 2,033	(NA)	([9])	[9] 1,554	[9] 963
Constant (1969) dollars: [14]									
1975	Mil. dol	4,414	2,142	501	418	470	522	283	78
1979	Mil. dol	4,283	1,777	558	[11] 405	[11] 475	[12] 701	278	88
1981	Mil. dol	(NA)	1,763	645	[9] 797	(NA)	([9])	[9] 610	[9] 378
Constant (1969) dollars per capita: [10 14]									
1975	Dollars	20.88	10.13	2.37	1.98	2.22	2.47	1.34	.37
1979	Dollars	19.37	7.98	2.50	[11] 1.89	[11] 2.21	[12] 3.14	1.25	.40
1981	Dollars	(NA)	7.74	2.83	[9] 3.50	(NA)	([9])	[9] 2.68	[9] 1.66
Patient care staff:									
1976	1,000	288.5	141.1	31.0	34.0	26.3	35.7	16.7	3.7
1978	1,000	292.7	131.2	35.2	35.0	27.4	40.1	18.9	4.9
1980	1,000	(NA)	126.8	38.0	(NA)	(NA)	[15] 45.4	18.7	5.2
1982 [9]	1,000	(NA)	124.2	40.4	(NA)	(NA)	([9])	[9] 48.1	[9] 23.8

NA Not available. X Not applicable.
[1] Includes residential treatment centers for emotionally disturbed children. [2] Non-Federal hospitals with separate psychiatric services. [3] Includes Veterans Administration (VA) neuropsychiatric hospitals, VA general hospitals with separate psychiatric settings and VA freestanding psychiatric outpatient clinics. [4] Federally funded. [5] Freestanding. [6] Other multiservice mental health facilities with an inpatient setting which are not elsewhere classified. Number of facilities, expenditures, and staff data also include freestanding psychiatric day/night facilities. [7] 1978 data. [8] As of February 1981. [9] As a result of the shift in funding of the community mental health center (CMHC) program from categorical to block grants, the category CMHC was dropped in 1981. Organizations which had been classified as federally funded CMHCs in previous years were reclassified as multiservice mental health organizations, freestanding psychiatric outpatient clinics, or as psychiatric units of non-Federal general hospitals, depending on the types of services they directly operated and controlled. [10] Based on Bureau of the Census estimated civilian population as of July 1. [11] 1977 data. [12] 1980 data. [13] "Inpatient care episodes" is defined as the number of residents in inpatient facilities at the beginning of the year plus the total additions to inpatient facilities during the year. [14] Based on the medical care component of the consumer price index published by the U.S. Bureau of Labor Statistics; see table 795. [15] 1981 data.

Source: U.S. National Institute of Mental Health, *Statistical Note* series, and unpublished data.

No. 182. Days of Disability, by Type and Selected Characteristics: 1970 to 1982

[Refers to civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. The levels of estimates for 1982 may not be comparable to estimates for previous years because the 1982 data are based on a revised questionnaire and field procedures; for further information, see source. For composition of regions, see fig. I, inside front cover]

ITEM	TOTAL DAYS OF DISABILITY (millions)						DAYS PER PERSON					
	1970	1975	1979	1980	1981	1982	1970	1975	1979	1980	1981	1982
Restricted-activity days [1]	2,913	3,734	4,106	4,165	4,296	3,253	14.6	17.9	19.0	19.1	19.1	14.3
Male	1,273	1,574	1,755	1,802	1,880	1,373	13.2	15.6	16.9	17.1	17.3	12.5
Female	1,640	2,160	2,351	2,363	2,416	1,880	15.8	20.0	21.1	21.0	20.7	16.0
White [2]	2,526	3,179	3,468	3,518	3,622	2,746	14.4	17.5	18.6	18.7	18.8	14.2
Black [2]	365	522	585	580	575	438	16.2	21.4	22.9	22.7	21.7	16.3
Under 65 years	2,331	2,916	3,128	3,228	3,304	2,451	12.9	15.5	16.3	16.6	16.5	12.2
65 years and over	582	818	978	937	991	803	30.7	38.4	41.9	39.2	39.9	31.6
Northeast	709	819	834	862	899	669	14.5	16.7	17.6	17.9	18.1	13.5
Midwest	691	888	998	989	1,018	754	12.4	15.9	17.4	17.2	17.1	12.8
South	996	1,253	1,401	1,415	1,469	1,146	15.9	18.7	19.8	19.8	20.0	15.4
West	516	774	872	899	909	684	15.6	20.8	21.8	22.0	21.5	15.6
Family income: [3]												
Under $5,000	982	1,030	785	762	681	443	23.3	32.4	37.5	37.5	35.9	28.4
$5,000–$9,999	857	914	882	804	853	587	12.8	20.2	26.8	25.8	28.2	22.4
$10,000–$14,999	539	676	592	636	563	444	11.5	14.4	17.4	19.4	18.4	16.0
$15,000–$24,999	257	619	786	803	794	661	11.0	12.7	14.1	15.1	15.5	12.3
$25,000 and over	74	244	680	784	951	787	10.7	11.6	13.1	12.7	13.1	9.8
Bed-disability days [4]	1,222	1,371	1,455	1,520	1,553	1,445	6.1	6.6	6.7	7.0	6.9	6.4
Male	503	546	585	616	634	592	5.2	5.4	5.6	5.9	5.8	5.4
Female	720	825	870	904	919	853	6.9	7.6	7.8	8.0	7.9	7.3
Under 65 years	959	1,097	1,136	1,190	1,206	1,071	5.3	5.8	5.9	6.1	6.0	5.3
65 years and over	263	274	319	330	347	373	13.8	12.9	13.7	13.8	14.0	14.7
Work-loss days [5]	417	433	483	485	492	453	5.4	5.2	5.0	5.0	4.9	4.6
Male	243	246	261	271	262	225	5.0	4.9	4.7	4.9	4.6	4.0
Female	175	187	222	215	230	227	5.9	5.7	5.4	5.1	5.3	5.3
School-loss days [6]	222	217	209	204	191	214	4.9	5.1	5.3	5.3	4.9	4.7
Male	108	103	101	95	92	103	4.7	4.8	5.0	4.8	4.6	4.4
Female	114	115	107	109	100	112	5.1	5.5	5.5	5.7	5.3	5.0

[1] A day when a person cuts down on his usual activities for the whole day because of illness or injury. Includes bed-disability, work-loss, and school-loss days. Total includes other items not shown separately.
[2] Beginning 1980 race was determined by asking the household respondent to report his race. In earlier years the racial classification of respondents was determined by interviewer observation.
[3] Excludes those with unknown income.
[4] A day when a person was kept in bed either all or most of the day because of illness or injury. Includes those work-loss and school-loss days actually spent in bed.
[5] A day when a person lost the entire workday because of illness or injury. Computed for persons 17 years of age and over (for 1982, 18 years of age and over) in the currently employed population, defined as those who were working or had a job or business from which they were not on layoff during the 2-week period preceding the week of interview.
[6] Child's loss of entire school day because of illness or injury. Computed for children 6–16 years of age. For 1982, children 5–17 years old.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10; and unpublished data.

No. 183. Persons Injured, by Sex, 1970 to 1982, and by Place and Age, 1982

[Data refer to civilian noninstitutional population and comprise incidents leading to restricted activity and/or medical attention. Based on National Health Interview Survey; see Appendix III. 1975 and 1982 data not strictly comparable with other years. See headnote, table 182]

YEAR	PERSONS INJURED (millions)			RATE PER 100 POPULATION		
	Total	Male	Female	Total	Male	Female
1970	56.0	31.8	24.2	28.0	33.0	23.3
1972	64.3	37.0	27.3	31.5	37.6	25.8
1973	60.0	34.8	25.2	29.1	35.0	23.7
1974	59.1	33.6	25.6	28.5	33.6	23.8
1975	71.9	39.4	32.5	34.4	39.1	30.0
1976	65.4	37.1	28.3	31.1	36.5	26.0
1977	73.9	42.3	31.6	34.8	41.3	28.8
1978	67.5	38.1	29.4	31.6	36.9	26.6
1979	69.1	40.2	28.9	32.0	38.6	25.9
1980	68.1	39.0	29.1	31.2	37.1	25.8
1981	70.3	40.1	30.2	31.2	36.9	25.9

PLACE AND AGE	PERSONS INJURED (millions)			RATE PER 100 POPULATION		
	Total	Male	Female	Total	Male	Female
1982, total [1]	**60.0**	**32.4**	**27.6**	**26.4**	**29.6**	**23.4**
Home	21.8	10.3	11.5	9.6	9.4	9.8
Street or highway	6.4	3.0	3.5	2.8	2.7	2.9
Industrial	7.5	6.0	1.5	3.3	5.5	1.3
Other	16.6	10.1	6.5	7.3	9.2	5.5
Under 6 years	5.7	3.1	2.6	27.8	29.5	26.1
6–16 years	13.3	7.6	5.7	35.1	39.2	30.9
17–44 years	26.8	15.9	10.9	27.1	33.0	21.4
45–64 years	8.9	4.2	4.7	20.1	20.1	20.2
65 years and over	5.2	1.6	3.7	20.6	15.2	24.3

[1] Includes unknown place of accident, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

NO. 184. PERCENT OF CHILDREN IMMUNIZED AGAINST SPECIFIED DISEASES, BY AGE-GROUP: 1980 TO 1984

[Covers civilian noninstitutional population. Represents responses of persons in sample who answered on basis of health immunization records. Subject to sampling variability; see source]

DISEASE	1–4 YEARS OLD					5–14 YEARS OLD				
	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
Diphtheria-tetanus-pertussis [1] (3 or more doses)	85.1	86.9	86.8	86.0	84.7	91.6	91.7	93.6	92.9	91.9
Polio (3 or more oral doses)	77.7	78.3	78.4	76.5	73.7	89.0	88.7	89.0	89.6	89.2
Measles	76.0	75.6	78.2	77.3	76.5	85.9	86.0	88.4	88.6	88.3
Rubella	74.9	75.2	76.1	76.4	73.5	87.4	87.6	86.7	88.9	85.6
Mumps	71.8	72.7	75.0	74.4	72.9	78.3	82.9	83.9	86.2	85.8

[1] Pertussis also known as whooping cough.

Source: U.S. Centers for Disease Control, Atlanta, GA, *United States Immunization Survey*, annual.

NO. 185. SPECIFIED REPORTABLE DISEASES—CASES REPORTED: 1960 TO 1983

[Figures should be interpreted with caution. Although reporting of some of these diseases is incomplete, the figures are of value in indicating trends of disease incidence. Includes cases imported from outside the U.S. See *Historical Statistics, Colonial Times to 1970*, series B 291-303, for related data]

DISEASE	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Amebiasis	3,424	2,768	2,888	2,775	3,937	4,107	5,271	6,632	7,304	6,658
Aseptic meningitis	1,593	2,329	6,480	4,475	6,573	8,754	8,028	9,547	9,680	12,696
Botulism [1]	12	19	12	20	105	45	89	103	97	133
Brucellosis (undulant fever)	751	262	213	310	179	215	183	185	173	200
Chickenpox (1,000)	(2)	(2)	(2)	154.2	154.1	199.1	190.9	200.8	167.4	177.5
Diphtheria	918	164	435	307	76	59	3	5	2	5
Encephalitis:										
Primary infectious [3]	2,341	1,722	1,580	4,064	1,351	1,504	1,362	1,492	1,464	1,761
Post infectious [3]		981	370	237	78	84	40	43	36	34
Hepatitis: B (serum) (1,000)			8.3	13.1	15.0	15.5	19.0	21.2	22.2	24.3
A (infectious) (1,000)	41.7	33.9	56.8	35.9	29.5	30.4	29.1	25.8	23.4	21.5
Unspecified (1,000)	(2)	(2)	(2)	7.2	8.8	10.5	11.9	11.0	8.6	7.1
Non-A, non-B (1,000)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	2.6	3.5
Legionellosis	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	654	852
Leprosy	54	96	129	162	168	185	223	256	250	259
Leptospirosis	53	84	47	93	110	94	85	82	100	61
Malaria	72	147	3,051	373	731	894	2,062	1,388	1,056	813
Measles (1,000)	441.7	261.9	47.4	24.4	26.9	13.6	13.5	3.1	1.7	1.5
Meningococcal infections	2,259	3,040	2,505	1,478	2,505	2,724	2,840	3,525	3,056	2,736
Mumps (1,000)	(2)	(2)	105.0	59.6	16.8	14.2	8.6	4.9	5.3	3.4
Pertussis [4] (1,000)	14.8	6.8	4.2	1.7	2.1	1.6	1.7	1.2	1.9	2.5
Plague	2	8	13	20	12	13	18	13	19	40
Poliomyelitis, acute	3,190	72	33	8	15	34	9	6	8	15
Psittacosis	113	60	35	49	140	137	124	136	152	142
Rabies, animal	3,567	4,574	3,224	2,627	3,280	5,119	6,421	7,118	6,212	5,878
Rabies, human	2	2	3	2	4	4	-	2	-	2
Rheumatic fever, acute [5]	9,022	4,998	3,227	2,854	851	629	432	264	137	88
Rubella [6] (1,000)	(2)	(2)	56.6	16.7	18.3	11.8	3.9	2.1	2.3	1.0
Salmonellosis [7] (1,000)	6.9	17.2	22.1	22.6	29.4	33.1	33.7	40.0	40.9	44.3
Shigellosis [8] (1,000)	12.5	11.0	13.8	16.6	19.5	20.1	19.0	19.9	18.1	19.7
Streptococcal sore throat, scarlet fever (1,000)	315.2	395.2	433.4	[9] 330.8	[9] 397.0	[9] 465.4	[9] 370.0	[9] 342.2	[9] 259.7	[9] 214.0
Tetanus	368	300	148	102	86	81	95	72	88	91
Toxic-shock syndrome	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	502
Trichinosis	160	199	109	252	87	157	131	206	115	45
Tuberculosis [10] (1,000)	55.5	49.0	37.1	34.0	28.5	27.7	27.7	27.4	25.5	23.8
Tularemia	390	264	172	129	141	196	234	288	275	310
Typhoid fever	816	454	346	375	505	528	510	584	425	507
Typhus fever:										
Flea-borne (endemic-murine)	68	28	27	44	46	69	81	81	58	62
Tick-borne (Rocky Mt. spotted fever)	204	281	380	844	1,063	1,070	1,163	1,192	978	1,126
Venereal diseases (civilian cases):										
Gonorrhea (1,000)	259	325	600	1,000	1,013	1,004	1,004	991	961	900
Syphilis (1,000)	122	113	91	80	65	67	69	73	76	75
Other (1,000)	2.8	2.0	2.2	1.1	.9	1.2	1.0	1.2	1.6	1.2

- Represents zero. [1] Beginning in 1975, includes foodborne, infant, wound, and unspecified cases. [2] Disease was not notifiable. [3] Beginning 1975, reported data reflect new diagnostic categories. [4] Whooping cough. [5] Based on reports from States: 37 in 1960 and 1980, 36 in 1965 and 1975, 38 in 1970 and 1981, 40 in 1978, 39 in 1979, and 35 in 1982 and 1983. [6] German measles. [7] Excludes typhoid fever. [8] Bacillary dysentery. [9] Based on reports from States: 41 in 1975, 1979, and 1980; 40 in 1978 and 1981; 36 in 1982; and 34 in 1983. [10] Newly reported active cases. New diagnostic standards introduced in 1975.

Source: U.S. Centers for Disease Control, Atlanta, GA, *Morbidity and Mortality Weekly Report* (annual supplements).

No. 186. Acute Conditions, by Type, 1970 to 1982, and by Selected Characteristics, 1982

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. See headnote, table 182. Estimates include only acute conditions which were medically attended or caused at least one day of restricted activity. For composition of regions, see fig. 1, inside front cover]

Year and characteristic	Number of conditions (mil.)					Rate per 100 population				
	Infective and parasitic	Respiratory		Digestive system	Injuries	Infective and parasitic	Respiratory		Digestive system	Injuries
		Upper	Other				Upper	Other		
1970, total	48.2	127.3	92.5	23.0	59.2	24.1	63.7	46.3	11.5	29.6
1974, total	40.5	94.9	100.9	16.2	63.1	19.5	45.8	48.7	7.8	30.4
1975, total	47.6	124.0	109.0	21.6	76.2	22.8	59.3	52.1	10.3	36.4
1976, total	52.6	127.7	123.0	22.0	67.7	25.0	60.6	58.4	10.4	32.1
1977, total	57.7	134.0	98.8	23.8	77.2	27.2	63.2	46.6	11.2	36.4
1978, total	52.9	126.4	121.1	22.9	70.7	24.7	59.1	56.6	10.7	33.1
1979, total	52.7	129.8	101.7	24.7	74.4	24.4	60.1	47.1	11.4	34.5
1980, total	53.6	124.2	129.0	24.9	72.7	24.6	57.0	59.2	11.4	33.4
1981, total	53.2	125.4	126.4	21.8	74.7	23.6	55.7	56.2	9.7	33.2
1982, total [1]	**42.6**	**93.1**	**87.9**	**14.8**	**61.8**	**18.8**	**41.0**	**38.7**	**6.5**	**27.2**
Male	17.9	42.3	39.6	6.8	33.6	16.3	38.6	36.2	6.2	30.6
Female	24.7	50.9	48.3	8.0	28.3	21.0	43.3	41.1	6.8	24.1
White	38.1	80.5	81.0	12.3	55.7	19.6	41.5	41.8	6.3	28.7
Black	3.7	10.6	4.7	2.1	5.4	13.7	39.3	17.3	7.9	19.9
Northeast	11.8	22.4	14.6	3.4	12.6	23.8	45.1	29.4	6.7	25.4
Midwest	7.6	24.8	24.3	3.2	16.7	12.9	42.0	41.1	5.4	28.2
South	18.5	27.0	21.4	4.7	19.0	24.7	36.1	28.7	6.3	25.4
West	4.7	19.0	27.6	3.6	13.5	10.8	43.4	63.2	8.1	31.0
Under 6 years	9.3	19.4	12.7	2.3	5.8	45.0	93.7	61.6	10.9	28.1
6–16 years	12.3	23.6	19.6	4.7	13.5	32.4	62.3	51.8	12.5	35.5
17–44 years	15.2	35.5	38.9	4.9	28.2	15.4	35.9	39.3	5.0	28.5
45–64 years	4.0	10.6	12.7	1.7	9.1	9.0	23.9	28.7	3.8	20.6
65 years and over	1.8	4.1	4.0	1.2	5.2	7.3	16.2	15.8	4.8	20.6
Family income:										
Under $5,000	2.4	8.5	4.9	1.5	5.4	15.2	54.6	31.4	9.6	34.8
$5,000–$9,999	5.8	10.9	9.6	1.9	7.7	22.3	41.5	36.5	7.1	29.5
$10,000–$14,999	5.2	11.6	11.3	2.7	7.2	18.7	42.0	41.0	9.8	26.1
$15,000–$24,999	10.3	22.2	21.0	3.3	14.3	19.1	41.3	38.9	6.1	26.6
$25,000 and over	15.7	33.1	34.3	4.4	23.0	19.5	41.0	42.4	5.4	28.5

[1] Includes other races and unknown income, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

No. 187. Persons with Selected Chronic Conditions, by Sex and Age: 1982

[See headnote, table 188]

Chronic condition	Persons with condition (1,000)	Rate per 1,000 persons						
		Total	Male	Female	Under 18 yrs.	18–44 yrs.	45–64 yrs.	65 yrs. and over
Heart conditions	16,926	74.5	73.6	75.4	17.2	34.7	136.8	256.8
High blood pressure (Hypertension)	26,542	116.9	101.3	131.4	[1] 2.9	58.9	245.7	390.4
Varicose veins of lower extremities	6,880	30.3	11.5	47.8	[1] –	21.9	64.1	77.7
Hemorrhoids	10,449	46.0	40.0	51.6	[1] .8	54.0	75.5	76.5
Chronic bronchitis	7,709	33.9	31.4	36.3	33.7	24.5	44.2	52.0
Asthma	7,899	34.8	36.5	33.2	40.1	29.0	36.3	40.8
Chronic sinusitis	27,644	121.7	104.3	138.0	43.0	138.9	179.1	151.7
Hay fever, allergic rhinitis without asthma	19,323	85.1	83.8	86.2	55.1	109.3	87.5	64.6
Dermatitis, including eczema	8,652	38.1	30.5	45.2	40.0	40.3	38.2	24.9
Diseases of sebaceous glands [2]	6,079	26.8	26.6	27.0	26.5	38.4	13.5	7.2
Arthritis	30,207	133.0	96.8	166.7	[1] 2.7	55.3	276.2	495.8
Diabetes	5,767	25.4	22.0	28.6	[1] 1.4	9.2	57.6	88.9
Migraine	7,640	33.6	18.0	48.2	7.8	47.0	49.9	19.2
Diseases of urinary system	5,917	26.1	11.4	39.7	6.6	24.3	40.0	56.6
Visual impairments	8,699	38.3	48.2	29.1	13.1	31.2	53.4	101.1
Hearing impairments	19,776	87.1	103.7	71.5	19.7	48.8	142.7	299.7
Deformities or orthopedic impairments	22,522	99.2	98.9	99.5	31.8	106.5	139.0	168.5

– Represents zero. [1] Figure does not meet standards of reliability or precision. [2] Acne and sebaceous skin cyst.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 188. Persons With Activity Limitation, by Selected Chronic Conditions: 1969–1970 and 1982

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. See headnote, table 182. Conditions classified according to eighth revision of International Classification of Diseases for 1969–1970; and ninth revision for 1982]

CONDITION	Total [1]	AGE			SEX		FAMILY INCOME		RACE [2]	
		Under 45 years	45–64 years	65 years and over	Male	Female	Less than $6,000	$6,000 and over	White	Black
1969–1970										
Persons with limitation (mil.)	**23.2**	**7.3**	**8.0**	**8.0**	**11.7**	**11.5**	**11.6**	**10.1**	**20.5**	**2.6**
Percent limited by—										
Heart conditions	15.5	6.3	19.0	20.5	16.5	14.6	16.7	15.2	15.7	14.6
Arthritis and rheumatism	14.1	4.4	15.7	21.2	9.3	18.9	17.2	11.6	13.8	16.1
Hypertension without heart involvement	4.6	1.8	5.2	6.4	3.0	6.2	5.9	3.4	3.9	9.4
Impairment of back/spine	6.9	10.6	7.8	2.8	7.3	6.6	5.5	9.2	7.2	5.1
Impairment of lower extremities and hips	6.7	8.9	6.0	5.3	7.6	5.8	6.3	7.6	6.8	5.8
Percent of all persons with—										
No activity limitation	88.3	94.7	80.5	57.7	87.7	88.8	79.8	92.2	88.2	88.4
Activity limitation	11.7	5.3	19.5	42.3	12.3	11.2	20.2	7.8	11.8	11.6
In major activity	9.1	3.3	15.7	37.0	9.5	8.6	16.9	5.5	9.0	9.7
1982										
Persons with limitation (mil.)	**32.4**	**11.0**	**11.0**	**10.3**	**15.2**	**17.2**	**5.6**	**23.2**	**27.9**	**4.0**
Percent limited by—										
Heart conditions	16.8	4.7	20.1	26.0	18.1	15.6	19.6	15.8	16.9	16.9
Arthritis and rheumatism	18.9	4.8	22.0	30.5	12.3	24.7	25.6	17.2	18.7	20.5
Hypertension [3]	12.1	3.2	16.4	16.8	9.0	14.7	18.2	10.4	10.3	24.4
Impairment of back/spine	9.6	13.9	9.9	4.6	9.3	9.8	8.9	10.1	9.7	7.9
Impairment of lower extremities and hips	8.8	10.6	8.2	7.4	9.2	8.3	10.0	8.4	8.8	8.2
Percent of all persons with—										
No activity limitation	85.7	93.0	75.0	59.3	86.1	85.4	72.7	87.3	85.6	85.1
Activity limitation	14.3	7.0	25.0	40.7	13.9	14.6	27.3	12.7	14.4	14.9
In major activity	9.9	4.7	18.9	27.0	10.2	9.7	(NA)	(NA)	9.8	11.7

NA Not available. [1] Includes persons with unknown family income and other races not shown separately. [2] See footnote 2, table 182. [3] Covers all cases of hypertension, regardless of other conditions.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

No. 189. Persons With Known Case of Diabetes, by Selected Characteristics: 1982

[Covers civilian noninstitutional population. Based on a subsample of households in the National Health Interview Survey; see Appendix III]

SEX AND RACE	NUMBER (1,000)					RATE PER 1,000 POPULATION				
	Total [1]	Persons 20 years old and over				Total [1]	Persons 20 years old and over			
		Total	20–44 years	45–64 years	65 years and over		Total	20–44 years	45–64 years	65 years and over
Total persons with known diabetes	**5,767**	**5,633**	**831**	**2,543**	**2,258**	**25.4**	**36.0**	**9.6**	**57.6**	**88.9**
Male	2,409	2,342	364	1,171	807	22.0	31.8	8.6	55.9	77.8
Female	3,358	3,291	468	1,372	1,451	28.6	39.7	10.5	59.0	96.6
White	4,663	4,539	721	1,931	1,887	24.0	33.3	9.7	49.5	82.1
Black and other	1,104	1,094	110	612	371	33.3	54.0	8.7	117.9	153.7
Black	971	961	98	516	348	36.1	58.8	9.8	122.9	164.5

[1] Includes persons under 20 years old, not shown separately.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 190. Persons Wearing Corrective Lenses: 1971 and 1980

[See headnote, table 186. Total wearing lenses includes group unknown as to type. Excludes sunglasses worn only to filter light, safety glasses for protection, etc. Contact lenses includes those with or without glasses]

ITEM	1971			1980						
	Total	Male	Female	Total	Male	Female	3–16 yrs.	17–24 yrs.	25–44 yrs.	45 yrs. and over
Population, 3 yrs. old and over (mil.)	191.6	92.1	99.5	208.1	100.1	108.0	48.0	32.2	60.6	67.4
Wearing lenses (mil.)	**94.3**	**40.8**	**53.5**	**107.7**	**46.2**	**61.5**	**7.6**	**11.7**	**27.8**	**60.6**
Eyeglasses only (mil.)	90.3	39.7	50.6	97.9	43.3	54.6	7.0	8.7	22.8	59.3
Contact lenses (mil.)	4.0	1.1	2.9	9.9	2.9	7.0	.5	3.1	5.0	1.3
Percent wearing lenses	**49.2**	**44.2**	**53.8**	**51.8**	**46.2**	**57.0**	**15.7**	**36.5**	**45.9**	**89.9**
Eyeglasses only	47.1	43.1	50.9	47.0	43.2	50.5	14.7	26.9	37.7	88.0
Contact lenses	2.1	1.2	2.9	4.8	2.9	6.5	1.1	9.6	8.2	2.0

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 93, and unpublished data.

No. 191. Drug Use, by Type of Drug and Age Group: 1974 and 1982

[Current users are those who used drugs at least once within month prior to this study. For 1982, based on national samples of 1,581 youths (12–17 yrs. old), 1,283 young adults (18–25 yrs. old), and 2,760 older adults (26 yrs. old and over). Subject to sampling variability; see source]

TYPE OF DRUG	PERCENT OF YOUTHS				PERCENT OF YOUNG ADULTS				PERCENT OF ADULTS			
	Ever used		Current user		Ever used		Current user		Ever used		Current user	
	1974	1982	1974	1982	1974	1982	1974	1982	1974	1982	1974	1982
Marihuana	23.0	26.7	12.0	11.5	52.7	64.1	25.2	27.4	9.9	23.0	2.0	6.6
Inhalants	8.5	(NA)	.7	(NA)	9.2	(NA)	(Z)	(NA)	1.2	(NA)	(Z)	(NA)
Hallucinogens	6.0	5.2	1.3	1.4	16.6	21.1	2.5	1.7	1.3	6.4	(Z)	(Z)
Cocaine	3.6	6.5	1.0	1.6	12.7	28.3	3.1	6.8	.9	8.5	(Z)	1.2
Heroin	1.0	(Z)	(Z)	(Z)	4.5	1.2	(Z)	(Z)	.5	1.1	(Z)	(Z)
Analgesics	(NA)	4.2	(NA)	.7	(NA)	12.1	(NA)	1.0	(NA)	3.2	(NA)	(Z)
Stimulants [1]	5.0	6.7	1.0	2.6	17.0	18.0	3.7	4.7	3.0	6.2	(Z)	.6
Sedatives [1]	5.0	5.8	1.0	1.3	15.0	18.7	1.6	2.6	2.0	4.8	(Z)	(Z)
Tranquilizers [1]	3.0	4.9	1.0	.9	10.0	15.1	1.2	1.6	2.0	3.6	(Z)	(Z)
Alcohol	54.0	65.2	34.0	26.9	81.6	94.6	69.3	67.9	73.2	88.2	54.5	56.7
Cigarettes	52.0	49.5	25.0	14.7	68.8	76.9	48.8	39.5	65.4	78.7	39.1	34.6

NA Not available. Z Less than .5 percent. [1] Prescription drugs.

No. 192. Marihuana and Alcohol—Percent of Population Who Are Current Users: 1972 to 1982

[See headnote, table 191]

CHARACTERISTIC	YOUTHS				YOUNG ADULTS			ADULTS		
	1972	1976	1979	1982	1976	1979	1982	1976	1979	1982
MARIHUANA										
Current users, total	**7**	**12**	**17**	**12**	**25**	**35**	**27**	**4**	**6**	**7**
Male	9	14	19	13	31	45	36	6	9	10
Female	6	11	14	10	19	26	19	2	3	3
White	8	12	17	12	26	36	26	3	6	6
Black and other	2	11	15	10	22	34	35	6	8	9
SMSA's with 1 million or more inhabitants [1]	(NA)	18	20	17	29	39	32	5	8	9
SMSA's with under 1 million inhabitants [1]	(NA)	11	14	8	28	36	26	4	6	6
Nonmetropolitan areas	(NA)	8	15	9	16	30	23	1	4	3
ALCOHOL [2]										
Current users, total	**24**	**32**	**37**	**27**	**69**	**76**	**68**	**56**	**61**	**57**
Male	27	36	39	27	79	84	75	63	72	69
Female	21	29	36	27	58	68	61	49	52	46
White	24	34	38	29	72	78	71	57	62	57
Black and other	19	23	29	16	54	62	51	50	56	51
SMSA's with 1 million or more inhabitants [1]	24	38	40	33	78	80	74	70	72	67
SMSA's with under 1 million inhabitants [1]	28	33	35	20	72	75	66	54	58	55
Nonmetropolitan areas	20	26	35	27	55	71	64	41	51	44

NA Not available. [1] Refers to standard metropolitan statistical areas as defined in 1970 census publications. For definition of SMSA, see Appendix II. [2] For 1972 and 1976, respondent gave answers orally. Beginning 1979, respondent marked answer on a private sheet.

Source of tables 191 and 192: U.S. National Institute on Drug Abuse, *National Survey on Drug Abuse: Main Findings, 1982.*

No. 193. Drug Abuse Treatment Units: 1977 to 1982

[In thousands, except as noted. 1977 as of April 30; 1980 and 1982 as of Sept. 30. Includes Puerto Rico, Guam, and Virgin Islands. Treatment unit refers to a facility that specifically provides direct, on-site drug abuse treatment services to its clients. *Based on a complete census of all known units; for 1982, the response rate was 89.4 percent*]

ITEM	1977	1980	1982	ITEM	1977	1980	1982
Treatment units (number)	3,147	3,449	3,018	**Clients**—Con.			
Clients [1]	**234.6**	**181.5**	**196.3**	Outpatient and day care	203.3	157.2	149.5
By mode of treatment:				Residential	16.5	15.1	14.8
Drug free [2]	147.2	105.0	95.9	Hospital inpatient	3.7	2.6	2.9
Detoxification [3]	5.8	5.2	5.1	Prison	9.1	6.6	6.2
Methadone maintenance [4]	80.0	67.9	72.0	Total funding (mil. dol.)	510.7	486.6	533.6
				Total staff	40.5	[5] 36.0	[5] 34.0

[1] Includes items not shown separately. [2] Drug withdrawal without medication. [3] Drug withdrawal supported by use of prescribed medication. If methadone used, treatment for 21 days or less. [4] Continued use of methadone for a period of more than 21 days. Includes other maintenance treatments. [5] Includes staff for alcoholism treatment when drug abuse and alcoholism are treated at same unit. Full-time equivalent employment.

Source: U.S. National Institute on Drug Abuse, *NIDA Statistical Series*, series F, periodic.

NO. 194. FREQUENCY OF ALCOHOL CONSUMPTION BY SEX, AGE, AND FAMILY INCOME: 1984

[**In percent.** Covers persons 18 years old and over living in households in the 48 contiguous States. Based on a sample survey of approximately 2,100 persons conducted in the last months of 1984. Data are subject to sampling variability. Survey responses are based on self-reported consumption of beer, wine, and distilled spirits]

FREQUENCY OF ALCOHOL CONSUMPTION	Total [1]	SEX		AGE			FAMILY INCOME			
		Male	Female	20–34 years	35–54 years	55 yr. and over	Less than $6,000	$6,000–$15,000	$15,001–$30,000	$30,001 and over
Never or less often than once a year	30	24	36	22	28	45	46	38	27	19
More often than once a year, less often than once a week	34	27	39	36	35	28	29	32	38	32
Once or twice a week	14	17	12	18	14	9	13	14	13	17
Three or more times a week	22	32	13	24	23	18	13	16	21	32
Percent who drink 5 or more drinks, at one sitting [2]	17	23	12	22	15	8	10	21	34	35

[1] Includes persons 18 and 19 years old not shown separately. [2] Based on number of persons who drink alcohol.

Source: Medical Research Institute of San Francisco, Alcohol Research Group, Berkeley, CA, unpublished data.

NO. 195. CIGARETTE SMOKING BY SEX AND AGE: 1970 TO 1983

[**1970 and 1980, civilian noninstitutional population, 17 years old and over; 1983, 18 years old and over.** Based on National Health Interview Survey; see Appendix III. Smoking data were obtained from self-respondents only]

YEAR, SEX AND AGE	Unit	Total population [1]	Persons who never smoked	Persons who ever smoked [2]	Former smokers	PRESENT SMOKERS				
						Total [3]	Cigarettes smoked per day (heaviest amount)			
							Under 15	15–24	25–34	35 or more
1970: Both sexes	1,000	133,132	59,675	72,678	23,859	48,819	15,517	20,628	5,256	5,707
Percent of total	Percent	100.0	44.8	54.6	17.9	36.7	11.7	15.5	3.9	4.3
Male	1,000	62,310	19,144	42,773	15,861	26,912	7,163	11,458	3,160	3,959
Percent of total	Percent	100.0	30.7	68.6	25.5	43.2	11.5	18.4	5.1	6.4
17–24 years	1,000	12,034	5,844	6,016	1,131	4,885	1,822	2,053	442	277
25–44 years	1,000	22,542	5,779	16,641	5,235	11,406	2,516	5,124	1,505	1,895
45–64 years	1,000	19,644	4,513	15,065	6,302	8,763	2,047	3,603	1,081	1,625
65 years and over	1,000	8,090	3,007	5,051	3,193	1,858	778	678	131	162
Female	1,000	70,822	40,531	29,905	7,998	21,907	8,354	9,170	2,096	1,748
Percent of total	Percent	100.0	57.2	42.2	11.3	30.9	11.8	12.9	3.0	2.5
17–24 years	1,000	13,908	8,582	5,188	991	4,198	1,927	1,635	286	192
25–44 years	1,000	24,349	11,302	12,958	3,550	9,408	3,211	4,004	1,106	900
45–64 years	1,000	21,658	11,813	9,744	2,632	7,111	2,675	3,056	648	583
65 years and over	1,000	10,907	8,835	2,015	825	1,190	541	475	56	74
1980: Both sexes [4]	1,000	160,798	74,086	85,572	33,130	52,442	15,200	21,806	6,800	7,945
Percent of total	Percent	100.0	46.1	53.2	20.6	32.6	9.5	13.6	4.2	4.9
Male	1,000	75,970	26,906	48,423	20,672	27,751	6,589	11,543	4,045	5,100
Percent of total	Percent	100.0	35.4	63.7	27.2	36.5	8.7	15.2	5.3	6.7
17–24 years	1,000	15,699	9,059	6,522	1,504	5,018	1,694	2,308	494	445
25–44 years	1,000	29,549	9,837	19,457	6,886	12,571	2,584	5,572	2,006	2,276
45–64 years	1,000	20,830	4,593	16,014	7,612	8,402	1,759	2,942	1,362	2,133
65 years and over	1,000	9,891	3,418	6,431	4,670	1,760	551	723	183	246
Female	1,000	84,828	47,180	37,149	12,458	24,690	8,611	10,262	2,755	2,845
Percent of total	Percent	100.0	55.6	43.8	14.7	29.1	10.2	12.1	3.2	3.4
17–24 years	1,000	16,477	9,832	6,556	1,504	5,051	2,269	2,036	343	374
25–44 years	1,000	31,493	15,917	15,444	5,099	10,345	3,172	4,204	1,358	1,509
45–64 years	1,000	22,725	11,737	10,795	3,862	6,933	2,035	3,132	830	879
65 years and over	1,000	14,133	9,694	4,354	1,993	2,361	1,136	891	223	[5] 83
1983: Both sexes	1,000	166,714	76,794	89,684	36,210	53,473	15,361	23,400	6,806	6,844
Percent of total	Percent	100.0	46.1	53.8	21.7	32.1	9.2	14.0	4.1	4.1
Male	1,000	78,727	28,770	49,799	22,232	27,567	6,508	11,807	4,107	4,628
Percent of total	Percent	100.0	36.5	63.3	28.2	35.0	8.3	15.0	5.2	5.9
18–24 years	1,000	13,992	8,244	5,723	1,135	4,588	1,543	2,298	347	263
25–44 years	1,000	33,211	12,343	20,785	7,630	13,155	2,900	5,551	2,292	2,213
45–64 years	1,000	20,951	5,024	15,884	8,380	7,503	1,249	2,956	1,215	1,924
65 years and over	1,000	10,573	3,160	7,407	5,087	2,320	817	1,003	253	228
Female	1,000	87,987	48,024	39,685	13,978	25,907	8,853	11,593	2,699	2,216
Percent of total	Percent	100.0	54.6	45.3	15.9	29.4	10.1	13.2	3.1	2.5
18–24 years	1,000	14,574	7,878	6,682	1,507	5,174	2,216	2,376	344	162
25–44 years	1,000	34,872	18,018	16,823	5,300	11,523	3,594	5,090	1,397	1,171
45–64 years	1,000	23,222	11,690	11,512	4,309	7,203	2,218	3,260	802	783
65 years and over	1,000	15,319	10,437	4,868	2,861	2,007	825	867	155	99

[1] Includes persons for whom smoking status is unknown. [2] Excludes smokers with unknown present smoking status. [3] Includes smokers for whom the number of cigarettes smoked per day is unknown. [4] Estimates are based on data collected for 2 quarters, July–December, 1980. [5] Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, vol. 21, No. 3 supplement, June 1972; and unpublished data.

NO. 196. AVERAGE HEIGHTS AND WEIGHTS, BY AGE AND SEX: 1960–1962, to 1976–1980

[Height was measured without shoes. For 1960–1962, two pounds are deducted to allow for weight of clothing; for 1971–1974 and 1976–1980 total of all clothing ranged from .2 to .62 pound, which are not deducted from weights shown. Based on sample and subject to sampling variability; see source. X Not applicable]

SEX, PERIOD, AND HEIGHT	HEIGHT (inches)						WEIGHT (lb.)					
	18–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65–74 years	18–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65–74 years
MEN												
1960–1962, total	68.7	69.1	68.5	68.2	67.4	66.9	158	169	170	170	164	156
1971–1974, total	69.7	69.6	69.1	68.9	68.3	67.3	165	176	178	175	171	164
1976–1980, total	69.7	69.6	69.4	69.0	68.4	67.4	163	173	178	178	174	165
5'2"	(x)	(x)	(x)	(x)	(x)	(x)	130	139	146	148	147	143
5'3"	(x)	(x)	(x)	(x)	(x)	(x)	135	145	149	154	151	148
5'4"	(x)	(x)	(x)	(x)	(x)	(x)	139	151	155	158	156	152
5'5"	(x)	(x)	(x)	(x)	(x)	(x)	143	155	159	163	160	156
5'6"	(x)	(x)	(x)	(x)	(x)	(x)	148	159	164	167	165	161
5'7"	(x)	(x)	(x)	(x)	(x)	(x)	152	164	169	171	170	165
5'8"	(x)	(x)	(x)	(x)	(x)	(x)	157	168	174	176	174	169
5'9"	(x)	(x)	(x)	(x)	(x)	(x)	162	173	178	180	178	174
5'10"	(x)	(x)	(x)	(x)	(x)	(x)	166	177	183	185	183	178
5'11"	(x)	(x)	(x)	(x)	(x)	(x)	171	182	188	190	187	182
6'	(x)	(x)	(x)	(x)	(x)	(x)	175	186	192	194	192	187
6'1"	(x)	(x)	(x)	(x)	(x)	(x)	180	191	197	198	197	192
6'2"	(x)	(x)	(x)	(x)	(x)	(x)	185	196	202	204	201	195
WOMEN												
1960–1962, total	63.8	63.7	63.5	62.9	62.3	61.5	127	134	142	145	150	144
1971–1974, total	64.3	64.1	64.1	63.6	62.8	62.3	132	140	148	149	149	146
1976–1980, total	64.3	64.2	64.1	63.5	63.0	62.2	134	142	148	150	150	147
4'9"	(x)	(x)	(x)	(x)	(x)	(x)	111	120	131	129	132	132
4'10"	(x)	(x)	(x)	(x)	(x)	(x)	114	123	133	132	135	135
4'11"	(x)	(x)	(x)	(x)	(x)	(x)	118	126	136	136	138	138
5'	(x)	(x)	(x)	(x)	(x)	(x)	121	130	139	139	142	142
5'1"	(x)	(x)	(x)	(x)	(x)	(x)	124	133	141	143	145	145
5'2"	(x)	(x)	(x)	(x)	(x)	(x)	128	136	144	146	148	148
5'3"	(x)	(x)	(x)	(x)	(x)	(x)	131	139	146	150	151	151
5'4"	(x)	(x)	(x)	(x)	(x)	(x)	134	142	149	153	154	154
5'5"	(x)	(x)	(x)	(x)	(x)	(x)	137	146	151	157	157	157
5'6"	(x)	(x)	(x)	(x)	(x)	(x)	141	149	154	160	161	160
5'7"	(x)	(x)	(x)	(x)	(x)	(x)	144	152	156	164	164	163
5'8"	(x)	(x)	(x)	(x)	(x)	(x)	147	155	159	168	167	166

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, and unpublished data.

NO. 197. NUTRITION—NUTRIENTS AVAILABLE FOR CIVILIAN CONSUMPTION PER CAPITA PER DAY AND INDEXES: 1960 TO 1983

[Based on Bureau of the Census estimated population as of **July 1**. Quantities of nutrients computed by source on the basis of estimates prepared by the Economic Research Service of per capita food consumption (retail weight), including home garden produce. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows: Vitamin A value to margarine, milk of all types, milk extenders; vitamin B_6 to cereals, meal replacements, infant formulas; vitamin B_{12} to cereals; ascorbic acid to fruit juices and drinks, flavored beverages and dessert powders, milk extenders, and cereals. Minus sign (–) indicates decrease. See *Historical Statistics, Colonial Times to 1970*, series G 851–856, for related data]

NUTRIENT	Unit	1960	1965	1970	1975	1980	1981	1982	1983	PERCENT CHANGE		
										1960–1970	1970–1980	1980–1983
Food energy	Calories	3,180	3,190	3,330	3,260	3,400	3,410	3,380	3,450	4.7	2.1	1.5
Protein	Grams	96	96	100	99	100	100	100	102	4.2	–	2.0
Fat	Grams	148	150	160	152	162	163	162	166	8.1	1.2	2.5
Carbohydrate	Grams	373	370	379	381	393	394	390	394	1.6	3.7	.2
Calcium	Grams	.93	.91	.89	.87	.86	.85	.87	.88	–4.3	–3.4	2.3
Phosphorus	Grams	1.50	1.49	1.50	1.47	1.47	1.47	1.47	1.50	–	–2.0	2.0
Iron	Milligrams	16.2	16.2	17.2	17.2	17.2	17.3	17.2	18.1	6.2	–	5.2
Magnesium	Milligrams	340	335	338	341	337	340	342	347	–.6	–.3	3.0
Zinc	Milligrams	11.5	11.7	12.4	12.3	12.2	12.2	12.2	12.4	7.8	–1.6	1.6
Vitamin A	Int'l. units	8,000	7,700	8,000	7,900	7,800	7,900	7,900	8,100	–	–2.5	3.8
Thiamin	Milligrams	1.92	1.85	1.95	1.97	2.16	2.13	2.09	2.14	1.6	10.8	–.9
Riboflavin	Milligrams	2.36	2.31	2.36	2.38	2.42	2.39	2.37	2.43	–	2.5	.4
Niacin	Milligrams	21.5	22.2	23.9	24.7	25.8	26.0	25.8	26.2	11.2	8.0	1.6
Vitamin B_6	Milligrams	1.85	1.82	1.97	1.96	2.00	1.98	1.99	2.02	6.5	1.5	1.0
Vitamin B_{12}	Micrograms	8.9	8.9	9.4	9.0	8.8	8.9	8.6	8.7	5.6	–6.4	–1.1
Ascorbic acid	Milligrams	103	95	108	118	120	118	119	125	4.8	11.1	4.2
INDEXES (1967 = 100)												
Food energy	Percent	98	98	102	100	104	105	104	106	4.1	2.0	1.9
Protein	Percent	97	97	101	100	101	101	101	103	4.1	–	2.0
Fat	Percent	95	97	103	98	105	105	105	107	8.4	1.9	1.9
Carbohydrate	Percent	100	99	101	102	105	105	104	105	1.0	4.0	–

– Represents zero.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service. Data published by Economic Research Service in *Food Consumption, Prices, and Expenditures*, annual; and *National Food Review*, quarterly.

No. 198. Per Capita Consumption of Major Food Commodities: 1960 to 1984

[In pounds, except as indicated. Consumption represents the residual after exports, nonfood use, and ending stocks are subtracted from the sum of beginning stocks, domestic production, and imports. Based on Bureau of the Census population estimates. For similar but unrevised data, see Historical Statistics, Colonial Times to 1970, series G 881-915]

COMMODITY	1960	1965	1970	1975	1980	1981	1982	1983	1984, prel.
Meats (carcass weight)	173.7	175.6	192.2	180.3	180.2	177.6	170.6	176.2	175.7
Beef	85.0	99.5	113.5	118.8	103.4	104.2	104.3	106.4	106.2
Veal	6.1	5.2	2.9	4.1	1.8	1.9	2.0	2.0	2.2
Lamb and mutton	4.8	3.7	3.2	2.0	1.5	1.4	1.5	1.5	1.4
Pork (excluding lard)	77.7	67.2	72.6	55.4	73.5	69.9	62.7	66.2	65.6
Fish (edible weight)	10.3	10.8	11.8	12.2	12.8	12.9	12.3	13.1	13.6
Fresh and frozen	5.7	6.0	6.9	7.5	8.0	7.8	7.7	8.0	8.3
Canned	4.0	4.3	4.5	4.3	4.5	4.8	4.3	4.8	5.0
Cured	.6	.5	.4	.4	.3	.3	.3	.3	.3
Poultry products:									
Eggs (number)	334	313	309	276	272	266	265	261	261
Chicken (ready-to-cook)	27.8	33.3	40.4	40.1	50.1	51.6	53.1	53.8	55.7
Turkey (ready-to-cook)	6.2	7.4	8.0	8.5	10.5	10.7	10.7	11.3	11.4
Dairy products:									
Total milk fat solids	24.5	22.9	20.6	19.8	19.9	19.8	20.4	20.9	21.1
Total nonfat milk solids	43.4	40.6	39.7	37.5	36.4	36.3	36.9	37.8	37.2
Plain whole milk	*263.9*	*246.2*	*214.1*	*176.2*	*143.5*	*137.7*	*133.1*	*132.9*	(NA)
Low-fat milk [1]	2.3	10.9	30.7	54.9	71.8	74.1	75.7	77.8	(NA)
Skim milk [1]	10.7	12.6	11.9	11.9	11.8	11.5	11.0	10.9	(NA)
Flavored milk and drinks [1]	7.0	8.8	8.8	10.0	10.2	10.1	9.5	10.1	(NA)
Buttermilk [1]	6.6	6.1	5.7	4.8	4.2	3.9	4.1	4.3	(NA)
Yogurt [1]	.3	.3	.8	2.1	2.6	2.6	2.7	3.2	(NA)
Eggnog [1]	.3	.3	.3	.4	.4	.4	.5	.5	(NA)
Half-and-half [1]	4.6	4.0	3.0	2.5	2.5	2.5	2.6	2.7	(NA)
Light cream [1]	1.5	.9	.4	.4	.2	.2	.3	.3	(NA)
Heavy cream [1]	1.0	.8	.6	.6	.7	.7	.7	.8	(NA)
Sour cream and dips [1]	.9	1.0	1.1	1.7	1.8	1.9	2.0	2.1	(NA)
Condensed and evaporated whole milk	13.7	10.6	7.1	5.3	3.8	4.1	4.1	3.8	3.8
Ice cream (product weight)	18.3	18.5	17.6	18.5	17.6	17.2	17.5	17.9	18.0
Cheese	8.3	9.6	11.5	14.3	17.6	18.4	20.1	20.6	21.7
Fats and oils, total (fat content)	45.1	47.7	52.6	52.4	57.0	57.6	58.4	59.6	58.6
Butter (actual weight)	7.5	6.4	5.3	4.7	4.5	4.3	4.6	5.1	5.0
Margarine (actual weight)	9.3	9.8	10.8	11.0	11.3	11.2	11.1	10.4	10.4
Lard	7.5	6.3	4.6	2.8	2.4	2.5	2.5	1.8	2.1
Shortening	12.6	14.2	17.3	17.0	18.2	18.5	18.6	18.5	21.3
Other edible fats and oils	11.4	14.1	17.7	19.9	22.5	23.2	23.2	24.9	21.2
Fruits:									
Fresh, total (farm weight)	93.9	81.4	81.2	84.8	89.8	86.6	86.8	91.1	89.6
Citrus [2]	33.7	29.1	29.3	29.4	28.9	24.9	24.7	28.8	23.7
Apples (commercial)	18.3	16.4	17.3	19.1	19.0	16.8	17.9	18.4	18.1
Other (excluding melons)	*41.9*	*35.9*	*34.3*	*36.0*	*41.4*	*45.0*	*44.2*	*44.0*	*47.9*
Processed:									
Canned fruit [3]	22.6	23.5	23.3	19.0	17.4	16.3	9.6	9.2	8.8
Canned juices (excluding frozen)	12.9	10.6	14.5	14.6	16.7	19.1	13.7	(NA)	(NA)
Frozen (including juices)	9.2	8.7	9.9	14.0	13.0	12.7	14.1	15.1	13.5
Dried [4]	3.1	3.0	2.7	2.9	2.4	2.7	2.9	2.9	(NA)
Vegetables: [5]									
Fresh (farm weight) [3]	105.7	98.3	99.1	98.0	107.5	104.6	77.4	77.2	82.1
Canned (excluding potatoes and sweet potatoes)	44.4	47.6	51.1	51.9	49.8	45.4	(NA)	(NA)	(NA)
Frozen (excluding potatoes)	7.0	8.0	9.6	9.6	10.4	11.5	10.9	11.1	12.0
Potatoes (fresh equivalent, farm weight) [5 6]	109	107	117	120	118	114	115	121	(NA)
Frozen potatoes (retail weight)	2.7	5.7	11.1	13.7	16.9	18.2	18.1	18.8	19.0
Sweet potatoes (fresh equivalent) [5 6]	7.1	7.1	5.5	5.4	4.6	4.3	4.9	5.3	(NA)
Dry edible beans	7.3	6.6	6.4	6.5	5.4	5.4	6.6	6.5	(NA)
Melons (farm weight) [5]	25.8	23.6	23.2	18.9	19.3	20.6	(NA)	(NA)	(NA)
Sweeteners, total [7]	116.2	123.2	132.7	131.3	145.7	148.1	148.7	155.1	162.4
Sugar, refined cane and beet	97.6	97.0	101.7	89.1	83.7	79.5	73.8	71.0	67.5
Corn sweeteners	13.9	18.2	23.4	34.2	52.7	58.8	63.8	69.4	77.3
High fructose	–	–	1.0	7.0	27.0	32.8	37.6	43.2	51.1
Non-caloric sweeteners [8]	[9] 2.2	[9] 5.7	5.8	6.2	7.7	8.2	9.4	13.0	15.8
Saccharin	1.9	4.0	5.8	6.2	7.7	8.0	8.4	9.5	10.0
Aspartame	–	–	–	–	–	.2	1.0	3.5	5.8
Grains:									
Cornmeal and other [10]	14.3	15.1	15.8	16.1	16.5	16.3	16.9	16.2	16.0
Oat food products	3.6	3.4	3.2	3.2	3.1	3.1	3.1	3.1	3.1
Wheat flour [11]	118	113	111	114	117	116	120	116	116
Wheat breakfast cereals	2.8	3.1	3.0	2.8	3.7	3.6	3.6	3.6	3.6
Rye flour	1.1	1.1	1.2	1.0	.7	.7	.6	.7	.8
Rice, milled [2]	6.1	7.6	6.7	7.6	9.4	11.0	11.8	9.8	8.6
Other:									
Coffee (green beans)	15.8	14.8	13.7	12.2	10.3	10.3	10.1	10.2	10.4
Tea	.6	.7	.7	.8	.8	.8	.8	.7	.7
Soft drinks (gallons)	13.6	19.2	23.7	27.3	37.8	38.9	39.6	40.0	(NA)
Cocoa beans	3.6	4.0	3.9	3.2	3.2	3.6	3.8	4.1	4.5
Peanuts (shelled) [12]	4.9	5.6	5.8	6.5	5.5	6.3	6.7	6.7	6.7
Food consumption [13] (1967=100)	97	98	102	102	104	104	104	106	107

– Represents zero. NA Not available. [1] Per capita U.S. sales. Data based primarily on information from Government-regulated State and Federal fluid milk markets. Excludes milk produced and consumed on farms. Based on estimated population using fluid products from purchased sources. [2] For crop year beginning in previous year. [3] Beginning 1982, not comparable to prior years due to crop production reporting cutbacks. [4] For pack year. [5] Excludes produce from home gardens. [6] Includes quantities canned and frozen. [7] Includes edible syrups (maple, molasses, etc.) and honey, not shown separately. [8] Sugar sweeteners equivalent. Assumes saccharin is 300 times as sweet as sugar and aspartame 200 time as sweet as sugar. [9] Includes cyclamate which was banned by U.S. Food and Drug Administration in 1970. [10] Includes cornstarch, and hominy. [11] Comprises white, whole wheat, and semolina flour. [12] For crop year beginning September of year shown. [13] Retail weight equivalent, weighted by constant retail prices.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures* (Statistical Bulletin 713), November 1984; and unpublished data.

No. 199. Daily per Capita Intake of Energy and Selected Nutrients, by Sex and Age: 1976–1980

[Represents **median daily intake per person.** Data are based on 24-hour recall of a respondent to a sample survey in the second National Health and Nutrition Examination Survey. Subject to sampling variability; see source. For definition of median, see Guide to Tabular Presentation]

Sex and nutrient	Unit	1–5 years	6–11 years	12–17 years	18–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65–74 years
MEN										
Energy	K cal	1,428	1,992	2,467	2,731	2,577	2,299	2,224	1,966	1,723
Protein	Gm	51	72	91	104	98	87	87	78	67
Fat	Gm	55	78	98	108	103	93	91	79	68
Calcium	Gm	756	1,034	1,063	1,001	805	716	733	685	597
Iron	Mg	8	12	15	16	16	15	15	13	12
Vitamin A	I.U	3,067	3,995	4,051	3,964	3,558	3,528	3,789	3,710	3,929
Vitamin C	Mg	71	79	71	76	66	66	76	82	79
WOMEN										
Energy	K cal	1,344	1,762	1,677	1,593	1,547	1,510	1,377	1,308	1,221
Protein	Gm	48	62	60	59	59	57	52	51	48
Fat	Gm	53	70	68	62	63	60	54	52	46
Calcium	Gm	722	875	692	565	535	508	474	475	475
Iron	Mg	8	10	10	10	10	10	10	9	9
Vitamin A	I.U	2,837	3,466	2,708	2,693	2,782	2,678	3,161	3,341	3,346
Vitamin C	Mg	66	67	48	59	55	53	69	88	90

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, No. 231; and unpublished data.

No. 200. Federal Food Programs: 1970 to 1984

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Program data include Puerto Rico, Virgin Islands, Guam, American Samoa, and the Trust Territory when a Federal food program was operated in these areas. All participation data are average monthly figures except as noted. Participants are not reported for the special milk program, the nutrition program for the elderly, and the commodity distribution programs. Cost data are direct Federal benefits to recipients; they exclude Federal administrative payments and applicable State and local contributions. Federal costs for commodities and cash-in-lieu of commodities are shown separately from direct cash benefits]

Program	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Food Stamp:											
Participants	Million	4.3	17.1	17.1	16.0	17.7	21.1	22.4	21.7	21.6	20.9
Federal cost	Mil. dol	550	4,386	5,067	5,139	6,478	8,690	10,630	10,209	11,155	10,703
National school lunch program (NSLP): [1]											
Free lunches served	Million	739	1,638	1,696	1,659	1,623	1,671	1,737	1,622	1,714	1,703
Reduced-price lunches served	Million	(NA)	(NA)	209	249	278	308	312	262	253	248
Children participating [2]	Million	22.5	24.9	26.3	26.7	27.0	26.6	25.8	22.9	23.2	23.5
Federal cost	Mil. dol	300	1,289	1,570	1,808	1,984	2,282	2,381	2,185	2,399	2,507
School breakfast (SB):											
Children participating	Million	.5	2.0	2.6	3.0	3.5	3.7	4.0	3.4	3.4	3.4
Federal cost	Mil. dol	11	86	149	181	231	288	332	317	344	365
Special school milk:											
Quantity reimbursed	Mil. ½ pt	2,902	2,139	2,204	1,990	1,821	1,798	1,542	202	189	174
Federal cost	Mil. dol	101	123	150	135	134	145	101	18	18	17
Women-infant-children: [3]											
Participants	Million	(x)	.5	.9	1.3	1.6	2.0	2.2	2.3	2.6	3.2
Federal cost	Mil. dol	(x)	94	226	325	444	603	729	776	925	1,142
Child care feeding (CC): [4]											
Children participating [5]	Million	.1	.4	.5	.6	.6	.7	.8	.9	.9	.9
Federal cost	Mil. dol	[6] 8	[6] 99	109	135	164	212	297	268	304	350
Summer feeding: [7]											
Children participating [8]	Million	.2	1.4	2.1	1.8	1.6	1.6	1.4	1.0	1.1	1.6
Federal cost	Mil. dol	([6])	([6])	110	96	106	85	103	100	87	96
Needy family commodity:											
Participants	Million	3.8	.3	.1	.1	.1	.1	.1	.1	.1	.1
Federal cost	Mil. dol	289	56	11	13	18	21	39	33	35	44
Nutrition program for the elderly:											
Meals served	Million	(x)	11	105	134	154	166	184	189	201	213
Federal cost	Mil. dol	(x)	2	19	38	58	75	94	104	120	127
Federal cost of commodities donated to: [9]											
Schools (NSLP, CC and SB)	Mil. dol	265	431	554	629	760	919	907	779	799	862
Charitable institutions, summer camps	Mil. dol	23	20	18	28	54	71	132	111	151	194
Emergency feeding	Mil. dol	(x)	(x)	(x)	(x)	(x)	(x)	(x)	180	1,026	1,091

NA Not available. X Not applicable. [1] See headnote, table 203. [2] Nine month (September through May) average daily meals (lunches or breakfasts) served divided by the ratio of average daily attendance to enrollment. [3] Covers special supplemental food program (WIC) and commodity supplemental food program. [4] Program provides year-round subsidies to feed preschool children in child care centers and family day care homes. [5] Annual average daily attendance at participating institutions. [6] Cost data for summer feeding program included with child care food program as the two programs were combined between 1970 and 1975. [7] Program provides free meals to children in poor areas during summer months. [8] Three-month (June through August) average daily attendance at participating institutions. [9] Includes the Federal cost of commodity entitlements, cash-in-lieu of commodities, bonus foods, and emergency food distribution.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics*, annual; and unpublished data.

No. 201. Federal Food Stamp Program: 1961 to 1984

[Except as noted, for years ending **June 30** through **1976;** beginning **1977,** ending **Sept. 30.** Beginning **1975,** includes Puerto Rico (through June 30, 1982), Guam, and Virgin Islands]

Year	Participants [1] (1,000)	Average monthly participation (1,000)	Value of stamps issued: Total coupon value (mil. dol.)	Value of stamps issued: Cost to participants (mil. dol.)	Federal Govt. contribution: Total (mil. dol.)	Federal Govt. contribution: Percent of total coupon value	Federal Govt. contribution: Average monthly per participant
1961	*50*	*50*	*1*	(z)	(z)	*46.1*	*$7.68*
1965	633	425	85	53	33	38.0	6.38
1970	6,457	4,340	1,090	540	550	50.4	10.55
1971	10,549	9,368	2,713	1,190	1,523	56.1	13.55
1972	11,594	11,109	3,309	1,512	1,797	54.3	13.48
1973	12,107	12,166	3,884	1,753	2,131	54.9	14.60
1974	13,524	12,862	4,727	2,009	2,718	57.5	17.61
1975	19,197	17,084	7,266	2,880	4,386	*60.4*	*21.41*
1976	17,982	18,549	8,700	3,373	5,327	61.2	23.93
1977	16,134	17,077	8,351	3,284	5,067	60.7	24.73
1978	15,248	16,000	8,280	3,141	5,139	62.0	26.77
1979	19,323	17,652	[2] 7,225	[2] 747	6,478	(B)	30.59
1980	22,028	21,087	[2] 8,690	(B)	8,690	(B)	34.35
1981	22,161	22,431	[2] 10,630	(B)	10,630	(B)	*38.49*
1982	20,051	21,717	[2] 10,209	(B)	10,209	(B)	39.17
1983	21,071	21,630	[2] 11,155	(B)	11,155	(B)	42.98
1984, prel	19,770	20,860	[2] 10,703	(B)	10,703	(B)	42.76

Z Less than $500,000. [1] As of end of fiscal year. [2] As of Jan. 1, 1979, participants were no longer required to pay for a portion of total coupon value.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics,* annual.

No. 202. Households Receiving Food Stamps or School Lunch Program by Income Level: 1983

[Households as of **March 1984.** Covers civilian noninstitutional population, including persons in the Armed Forces living off post or with their families on post. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III. There are general trends toward *under-estimation of noncash beneficiaries.* Persons of Spanish origin may be of any race. For composition of regions, see fig. I, inside front cover. For definitions of household types, see text, p. 4. Hhlds. = households]

Type of benefit and characteristic	Recipient households (1,000): Total	Total money income: Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000 and over	Below poverty level	Above poverty level	Recipient hhlds. as percent of specified group: Total	Below poverty level	Above poverty level
FOOD STAMPS										
Total households [1]	**7,170**	**3,006**	**2,463**	**927**	**774**	**5,174**	**1,995**	**8.4**	**41.4**	**2.7**
White	4,521	1,743	1,570	641	569	3,067	1,454	6.1	34.2	2.2
Black	2,428	1,204	797	254	173	1,945	483	*26.3*	*61.9*	*7.9*
Spanish origin	747	262	297	94	93	550	197	17.3	47.5	6.2
Northeast	1,509	650	582	148	131	1,100	409	8.3	44.4	2.6
Midwest	1,860	776	668	243	173	1,339	520	8.7	43.7	2.8
South	2,722	1,269	805	369	279	2,006	716	9.4	42.0	3.0
West	1,078	312	408	168	189	728	350	6.4	33.6	2.4
Married-couple families	2,361	390	930	580	463	1,347	1,015	4.7	35.3	2.2
Female family householder [2]	2,885	1,328	1,111	254	192	2,389	496	29.2	67.2	7.8
Nonfamily households	1,710	1,241	330	64	74	1,323	387	7.3	27.3	2.1
SCHOOL LUNCH [3]										
Total households [1]	**5,646**	**1,137**	**1,564**	**1,268**	**1,677**	**2,982**	**2,664**	**21.5**	**64.5**	**12.3**
White	3,504	584	892	849	1,179	1,657	1,846	16.2	56.1	9.9
Black	1,928	524	598	368	438	1,194	734	*50.8*	*79.9*	*31.9*
Spanish origin	903	160	264	176	303	474	430	44.0	75.1	30.2
Northeast	1,069	200	357	220	291	579	490	19.7	64.0	10.8
Midwest	1,138	264	328	266	279	649	489	17.1	57.5	8.9
South	2,433	537	593	549	753	1,244	1,189	26.7	70.8	16.1
West	1,006	134	285	233	354	510	496	19.9	60.9	11.8
Married-couple families	2,832	200	612	788	1,234	1,085	1,747	14.4	55.2	9.9
Female family householder [2]	2,531	885	878	434	332	1,782	748	45.6	72.0	24.3
Nonfamily households	80	12	16	13	38	27	53	34.2	(B)	28.0

B Base figure too small to meet statistical standards for reliability of derived figure. [1] Includes items not shown separately.

[2] *No spouse present.* [3] *Free or reduced price school lunch. Covers households with members 5–18 years old.*

Source: U.S. Bureau of the Census, *Current Population Reports,* series P–60, No. 148.

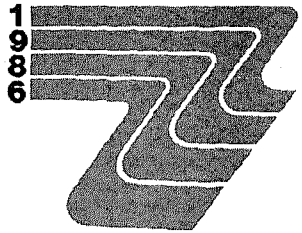
No. 203. Federal Food Stamp and National School Lunch Programs—States and Other Areas: 1980 to 1984

[**Cost data** for year ending **Sept. 30. Food stamp participants,** as of **Sept. 30.** Data on pupils participating in National School Lunch Program are for month in which most pupils participated nationwide. For National School Lunch Program, covers public and private elementary and secondary schools and residential child care institutions. Sponsors of school lunch programs are reimbursed by the Federal Government at rates set by law for each meal served. For composition of regions, see fig. I, inside front cover]

Region, division, and state or other area	Food stamp program						National school lunch program					
	Persons (1,000)			Federal cost (mil. dol.)			Persons (1,000)			Federal cost (mil. dol.)		
	1980	1983	1984	1980	1983	1984	1980	1983	1984	1980	1983	1984
Total	**22,028**	**21,071**	**19,770**	**8,690**	**11,155**	**10,703**	**27,011**	**23,417**	**23,820**	**2,282**	**2,399**	**2,507**
U.S.	**20,115**	**21,004**	**19,709**	**7,829**	**11,113**	**10,657**	**26,384**	**22,803**	**23,188**	**2,201**	**2,300**	**2,398**
Regions:												
Northeast	4,379	4,308	4,130	1,679	2,205	2,117	4,969	3,981	3,949	428	413	428
Midwest	4,340	5,384	5,062	1,606	2,892	2,909	6,767	5,634	5,688	456	484	503
South	8,396	8,126	7,567	3,430	4,385	4,152	10,464	9,518	9,734	952	993	1,027
West	3,000	3,186	2,950	1,114	1,631	1,479	4,184	3,670	3,817	365	410	440
N. Eng	**945**	**827**	**747**	**358**	**431**	**390**	**1,366**	**967**	**989**	**104**	**91**	**91**
ME	139	120	112	59	71	64	146	117	117	13	12	12
NH	53	41	29	21	25	18	101	70	80	7	6	6
VT	46	48	45	18	26	23	59	47	46	5	4	4
MA	446	376	343	171	197	183	703	476	475	49	42	42
RI	87	81	71	30	40	37	69	57	57	7	7	7
CT	174	161	147	59	72	65	288	200	214	23	20	20
Mid. Atl	**3,434**	**3,481**	**3,383**	**1,321**	**1,774**	**1,727**	**3,603**	**3,014**	**2,960**	**324**	**322**	**337**
NY	1,804	1,862	1,835	723	928	903	1,593	1,423	1,477	173	177	187
NJ	600	520	478	226	289	266	679	570	461	58	57	58
PA	1,030	1,099	1,070	372	557	558	1,331	1,021	1,022	93	88	92
E. No. Cent	**3,382**	**4,222**	**4,000**	**1,259**	**2,307**	**2,352**	**4,401**	**3,638**	**3,692**	**310**	**343**	**355**
OH	928	1,183	1,124	380	666	679	1,156	939	981	79	92	95
IN	399	469	401	154	268	254	717	613	617	39	41	41
IL	915	1,123	1,104	394	663	696	1,129	925	930	91	104	107
MI	903	1,096	1,018	263	570	582	866	731	725	69	74	77
WI	237	351	353	68	140	141	533	430	439	32	32	35
W. No. Cent	**958**	**1,162**	**1,062**	**347**	**585**	**557**	**2,366**	**1,996**	**1,996**	**146**	**141**	**148**
MN	188	238	226	62	103	98	558	465	457	33	29	31
IA	156	208	188	53	105	104	439	375	349	24	23	24
MO	364	412	371	142	222	209	664	527	541	47	45	46
ND	28	31	27	9	15	14	93	88	91	5	5	6
SD	46	47	45	18	27	24	101	90	93	7	8	8
NE	72	90	87	25	42	41	203	178	184	11	12	13
KS	104	136	118	38	71	67	308	273	281	19	19	20
So. Atl	**3,811**	**3,405**	**3,055**	**1,544**	**1,879**	**1,701**	**4,846**	**4,386**	**4,467**	**443**	**452**	**463**
DE	53	47	39	21	28	24	68	54	55	5	5	5
MD	335	306	298	139	178	169	434	334	348	36	32	34
DC	104	81	76	40	46	42	57	50	46	8	8	8
VA	412	409	366	158	222	199	717	598	610	51	52	52
WV	216	278	265	87	146	152	245	230	243	20	25	27
NC	592	513	464	234	266	238	887	803	806	90	83	84
SC	444	417	371	181	222	203	489	474	477	51	53	55
GA	658	605	563	264	318	295	894	862	880	80	84	86
FL	997	749	613	420	453	379	1,055	981	1,002	102	110	112
E. So. Cent	**2,283**	**2,322**	**2,175**	**934**	**1,261**	**1,203**	**2,252**	**2,078**	**2,107**	**215**	**228**	**235**
KY	485	593	558	211	332	335	567	508	513	48	50	53
TN	674	580	520	279	324	290	648	604	609	55	58	59
AL	606	626	603	246	334	320	607	559	571	62	65	66
MS	518	523	494	198	271	258	430	407	414	50	55	57
W. So. Cent	**2,302**	**2,399**	**2,337**	**952**	**1,245**	**1,248**	**3,366**	**3,054**	**3,160**	**294**	**313**	**329**
AR	301	296	264	122	151	138	356	298	304	31	31	30
LA	584	599	625	243	297	322	767	688	728	67	71	77
OK	214	253	256	73	109	122	408	363	370	30	31	32
TX	1,203	1,251	1,192	514	688	666	1,835	1,705	1,758	166	180	190
Mt	**818**	**820**	**770**	**335**	**484**	**446**	**1,352**	**1,194**	**1,250**	**98**	**104**	**110**
MT	45	51	55	18	28	29	104	84	84	6	6	7
ID	65	62	56	28	40	37	120	114	117	7	9	9
WY	15	23	22	6	12	14	51	54	57	3	3	3
CO	173	182	165	71	101	93	299	274	282	21	21	23
NM	191	161	153	81	96	85	174	163	170	19	21	22
AZ	227	224	215	94	142	127	291	231	253	23	26	27
UT	65	84	73	22	43	40	233	218	228	14	14	15
NV	37	33	31	15	22	21	80	56	59	5	4	4
Pac	**2,182**	**2,366**	**2,180**	**779**	**1,147**	**1,033**	**2,832**	**2,476**	**2,567**	**267**	**306**	**330**
WA	260	272	264	90	146	135	354	290	306	26	28	30
OR	213	240	213	80	161	142	277	229	230	18	20	21
CA	1,571	1,736	1,586	527	739	656	2,006	1,773	1,846	210	240	261
AK	32	19	17	22	20	20	33	38	38	4	5	5
HI	106	99	100	60	81	80	162	146	147	9	13	13
PR	1,855	(1)	(1)	827	-	-	549	529	527	71	87	92
Am. Samoa	(x)	(x)	(x)	(x)	(x)	(x)	9	9	9	1	1	2
GU	24	25	22	15	18	19	22	20	20	2	2	2
VI	34	37	35	19	23	24	20	22	22	3	3	4
Pacific Is., Trust Terr. of	(x)	(x)	(x)	(x)	(x)	(x)	22	14	31	3	4	7
No. Mariana	(x)	5	4	(x)	1	3	5	5	5	1	1	1
Dept. of Defense	(x)	(x)	(x)	(x)	(x)	(x)	(x)	15	18	(x)	1	1

- Represents zero. X Not applicable. [1] Data for Puerto Rico not included after July 1, 1982 when this Commonwealth was transferred to a nutrition assistance program.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service, unpublished data. Federal cost data are published in *Agricultural Statistics,* annual.



Section 5

Education

This section presents data primarily concerning formal education as a whole, at various levels, and for public and private schools. Data shown relate to the school-age population and school enrollment, educational attainment, education personnel, and financial aspects of education. In addition, data are shown for libraries, computer usage in schools, and post-secondary education. The chief sources are the decennial census of population and the Current Population Survey (CPS), both conducted by the Bureau of the Census (see text, page 1); annual, biennial, and other periodic surveys conducted by the National Center for Education Statistics; and surveys conducted by the National Education Association.

The censuses of population have included data on school enrollment since 1840 and on educational attainment since 1940. The CPS has reported on school enrollment annually since 1945 and on educational attainment and illiteracy periodically since 1947.

The National Center for Education Statistics (NCES), part of the U.S. Department of Education, is continuing the pattern of statistical studies and surveys conducted by the U.S. Office of Education since 1870. The annual *Digest of Education Statistics* provides summary data on pupils, staff, finances, including government expenditures, and organization at elementary, secondary, and higher education levels and is also the primary source for detailed information on Federal funds for education and related activities. Projections of enrollment, graduates, teachers, and expenditures appear in the biennial *Projections of Education Statistics. The Condition of Education,* issued annually, presents a summary of information on education.

Other sources of data include special studies by NCES, and annual or biennial reports of education agencies in individual States. The census of governments, conducted by the Bureau of the Census every 5 years (for the years ending in "2" and "7"), provides data on school district finances and State and local government expenditures for education. Reports published by the Bureau of Labor Statistics contain data relating employment experience to educational attainment.

Types and sources of data.—The statistics in this section are of two general types. One type, exemplified by data from the Bureau of the Census, is based on direct interviews with individuals to obtain information about their own and their family members' education. Data of this type relate to school enrollment and level of education attained, classified by age, sex, and other characteristics of the population. The school enrollment statistics reflect attendance or enrollment in any regular school within a given period; educational attainment statistics reflect the highest grade completed by an individual.

For October 1981 enrollment data, the CPS used 1980 census population controls; for years 1971 through 1980, 1970 census population controls had been used. This change had little impact on summary measures (e.g., medians) and proportional measures (e.g., enrollment rates); however, use of the controls may have significant impact on absolute numbers. Where appropriate for comparability purposes, 1981 data have been provided in two ways—once based on 1970 controls, and once based on 1980 controls; see, for example, table 210.

The second type, exemplified by data from NCES and the National Education Association, is based on reports from administrators of educational institutions and of State and local agencies having jurisdiction over education. Data of this type relate to enrollment, attendance, staff, and finances for the Nation, individual States, and local areas.

Unlike NCES, the Census Bureau does not regularly include specialized vocational, trade, business, or correspondence schools in its surveys. Both the Bureau of the Census and NCES include kindergartens in enrollment figures; the Census Bureau also includes all nursery schools, while NCES includes only publicly financed ones. At the higher education level, the statistics of both agencies are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges.

School attendance.—All States require that children attend school. While State laws vary as to the ages and circumstances of compulsory attendance, generally they require that formal schooling begin by age 6 and continue to age 16.

Schools.—NCES defines a *school* as "a division of the school system consisting of students composing one or more grade groups or other identifiable groups, organized as one unit with one

or more teachers to give instruction of a defined type, and housed in a school plant of one or more buildings. More than one school may be housed in one school plant, as is the case when the elementary and secondary programs are housed in the same school plant."

Regular schools are those which advance a person toward a diploma or degree. They include public and private nursery schools, kindergartens, graded schools, colleges, universities, and professional schools. *Public* schools are schools controlled and supported by local, State, or Federal governmental agencies; *private* schools are those controlled and supported mainly by religious organizations or by private persons or organizations.

The Bureau of the Census defines *elementary* schools as including grades 1 through 8; *high* schools as including grades 9 through 12; and *colleges* as including junior or community colleges, regular 4-year colleges, and universities and graduate or professional schools. Statistics reported by NCES and the National Education Association by type of organization, such as elementary level and secondary level, may not be strictly comparable with those from the Bureau of the Census because the grades included at the two levels vary, depending on the level assigned to the middle or junior high school by the local school systems.

School year.—Except as otherwise indicated in the tables, data refer to the school year which, for elementary and secondary schools, generally begins in September of the preceding year and ends in June of the year stated. For the most part, statistics concerning school finances are for a 12-month period, usually July 1 to June 30. Enrollment data generally refer to a specific point in time, such as fall, as indicated in the tables.

Statistical reliability.—For a discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to Census Bureau and NCES data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

No. 204. School Enrollment, 1955 to 1982, With Projections to 1992, and Number of Schools, 1955 to 1978

[**In thousands.** Enrollment as of fall; number of schools for school year ending the following year. See *Historical Statistics, Colonial Times to 1970,* series H421–429]

Item and year	Total		Elementary [1]		Secondary		College		Independent nursery and kindergarten	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
Enrollment: [2]										
1955	32,164	5,777	22,159	3,800	8,521	800	[3] 1,484	[3] 1,177	(NA)	(NA)
1961	39,793	7,532	24,603	4,900	12,861	1,100	[3] 2,329	[3] 1,532	(NA)	(NA)
1965	46,144	8,251	26,670	4,900	15,504	1,400	3,970	1,951	305	799
1970	52,337	7,516	27,501	4,052	18,408	1,311	6,428	2,153	421	1,106
1971	52,890	7,344	27,688	3,900	18,398	1,300	6,804	2,144	524	1,110
1972	52,815	7,144	27,323	3,700	18,421	1,300	7,071	2,144	549	1,142
1973	52,850	7,183	26,435	3,700	18,995	1,300	7,420	2,183	343	1,155
1974	53,042	7,235	26,382	3,700	18,671	1,300	7,989	2,235	365	1,372
1975	53,626	7,350	25,640	3,700	19,151	1,300	8,835	2,350	480	1,357
1976	52,970	7,526	25,430	3,825	18,887	1,342	8,653	2,359	499	1,231
1977	52,424	7,577	24,954	3,797	18,623	1,343	8,847	2,437	437	1,228
1978	51,335	7,560	25,017	3,732	17,534	1,353	8,784	2,475	501	1,277
1979	50,682	7,533	24,543	3,700	17,102	1,300	9,037	2,533	555	1,302
1980	50,444	7,602	24,156	3,623	16,831	1,339	9,457	2,640	632	1,434
1981	49,746	7,824	23,819	3,700	16,280	1,400	9,647	2,724	(NA)	(NA)
1982	49,339	7,830	23,865	3,700	15,778	1,400	9,696	2,730	(NA)	(NA)
1985, proj	48,568	7,656	23,581	3,600	15,396	1,400	9,591	2,656	(NA)	(NA)
1990, proj	49,367	7,795	25,907	4,000	13,962	1,200	9,498	2,595	(NA)	(NA)
1992, proj	50,362	7,826	26,785	4,100	14,293	1,200	9,284	2,526	(NA)	(NA)
Schools: [4]										
1955	(X)	(X)	104.4	12.4	26.0	3.9	.7	1.2	(NA)	(NA)
1961	(X)	(X)	81.9	14.8	25.4	4.1	.7	1.3	(NA)	(NA)
1965	(X)	(X)	73.2	15.3	26.6	4.6	.8	1.4	(NA)	(NA)
1970	(X)	(X)	65.8	14.4	25.4	3.8	1.1	1.5	(NA)	(NA)
1976	(X)	(X)	62.6	16.4	25.4	5.9	[5] 1.5	[5] 1.6	(NA)	(NA)
1978	(X)	(X)	62.0	16.1	24.5	5.8	[5] 1.5	[5] 1.7	(NA)	(NA)

NA Not available. X Not applicable. [1] Enrollment includes kindergarten. [2] For regular schools. [3] Degree-credit enrollment only. [4] Excludes schools not reported by level, such as special education. Schools with both elementary and secondary programs are included under elementary and also secondary. [5] Branch campuses counted separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual; and *Projections of Education Statistics,* biennial.

No. 205. Public and Private Schools, by Level—States

[For school year ending in year shown. Schools classified by type of organization, rather than by grade-group. See Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Public, 1983				Private, 1981				Higher education,[5] 1983	
	Total	Elementary[1]	Secondary[2]	Combined[3]	Total	Elementary[4]	Secondary[2]	Combined[3]	Public	Private
U.S.	**84,740**	**58,051**	**22,383**	**4,306**	**20,764**	**13,333**	**2,237**	**5,194**	**1,493**	**1,787**
Regions:										
Northeast	14,498	10,467	3,406	625	5,603	3,626	762	1,215	264	549
Midwest	26,430	18,162	7,313	955	6,375	4,735	633	1,007	362	504
South	27,225	18,365	7,258	1,602	4,931	2,602	457	1,872	545	500
West	16,587	11,057	4,406	1,124	3,855	2,370	385	1,100	312	234
New England	**4,697**	**3,530**	**1,051**	**116**	**1,240**	**651**	**263**	**326**	**87**	**168**
Maine	749	568	166	15	113	35	23	55	12	17
New Hampshire	440	333	88	19	102	44	25	33	11	16
Vermont	378	310	55	13	62	24	17	21	6	16
Massachusetts	1,860	1,379	445	36	513	286	115	112	31	86
Rhode Island	289	221	60	8	117	68	17	32	3	10
Connecticut	981	719	237	25	333	194	66	73	24	23
Middle Atlantic	**9,801**	**6,937**	**2,355**	**509**	**4,363**	**2,975**	**499**	**889**	**177**	**381**
New York	3,976	2,692	1,066	218	1,907	1,286	226	395	86	210
New Jersey	2,318	1,748	457	113	829	551	108	170	30	30
Pennsylvania	3,507	2,497	832	178	1,627	1,138	165	324	61	141
E. North Central	**16,238**	**11,508**	**4,132**	**598**	**4,463**	**3,317**	**428**	**718**	**224**	**304**
Ohio	3,846	2,714	1,096	36	871	668	109	94	59	80
Indiana	2,088	1,480	502	106	482	349	38	95	28	46
Illinois	4,450	3,137	1,037	276	1,318	952	137	229	83	97
Michigan	3,804	2,747	896	161	883	608	87	188	44	48
Wisconsin	2,050	1,430	601	19	909	740	57	112	30	33
W. North Central	**10,192**	**6,654**	**3,181**	**357**	**1,912**	**1,418**	**205**	**289**	**138**	**200**
Minnesota	1,695	972	598	125	483	363	38	82	28	39
Iowa	1,743	1,087	616	40	287	227	32	28	21	39
Missouri	2,165	1,367	634	164	558	408	62	88	28	64
North Dakota	663	402	247	14	64	50	9	5	11	7
South Dakota	709	483	214	12	108	67	10	31	8	12
Nebraska	1,699	1,306	393	–	227	174	32	21	13	15
Kansas	1,518	1,037	479	2	185	129	22	34	29	24
South Atlantic	**11,673**	**8,163**	**2,884**	**626**	**2,646**	**1,271**	**231**	**1,144**	**272**	**265**
Delaware	160	93	52	15	82	41	8	33	5	3
Maryland	1,265	890	304	71	371	231	55	85	32	25
District of Columbia	180	122	50	8	93	48	19	26	2	17
Virginia	1,816	1,280	456	80	361	187	34	140	39	30
West Virginia	1,128	784	282	62	85	49	9	27	16	13
North Carolina	2,012	1,418	522	72	293	113	15	165	74	54
South Carolina	1,132	786	325	21	203	70	11	122	33	29
Georgia	1,778	1,303	438	37	334	115	20	199	34	46
Florida	2,202	1,487	455	260	824	417	60	347	37	48
E. South Central	**5,344**	**3,439**	**1,361**	**544**	**993**	**504**	**96**	**393**	**107**	**132**
Kentucky	1,383	988	351	44	286	191	32	63	21	36
Tennessee	1,725	1,201	474	50	290	132	33	125	24	56
Alabama	1,347	800	329	218	249	120	13	116	37	23
Mississippi	889	450	207	232	168	61	18	89	25	17
W. South Central	**10,208**	**6,763**	**3,013**	**432**	**1,292**	**827**	**130**	**335**	**166**	**103**
Arkansas	1,180	715	458	7	114	63	5	46	19	16
Louisiana	1,518	961	370	187	437	244	54	139	20	12
Oklahoma	1,865	1,182	662	21	82	51	11	20	29	16
Texas	5,645	3,905	1,523	217	659	469	60	130	98	59
Mountain	**5,549**	**3,784**	**1,588**	**177**	**777**	**469**	**72**	**236**	**100**	**51**
Montana	785	567	215	3	78	57	6	15	9	7
Idaho	592	369	189	34	46	29	3	14	6	3
Wyoming	375	272	94	9	30	22	1	7	8	–
Colorado	1,276	847	414	15	228	130	23	75	27	20
New Mexico	635	449	175	11	110	65	11	34	16	4
Arizona	889	629	216	44	221	125	20	76	19	10
Utah	701	444	203	54	26	15	5	6	9	5
Nevada	296	207	82	7	38	26	3	9	6	2
Pacific	**11,038**	**7,273**	**2,818**	**947**	**3,078**	**1,901**	**313**	**864**	**212**	**183**
Washington	1,723	1,108	533	82	330	187	22	121	33	17
Oregon	1,273	932	334	7	183	110	16	57	21	24
California	7,403	4,922	1,833	648	2,415	1,518	256	641	137	136
Alaska	407	147	64	196	36	14	4	18	12	3
Hawaii	232	164	54	14	114	72	15	27	9	3
U.S. military	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	10	(X)

– Represents zero. X Not applicable. [1] Includes one-teacher and middle schools. [2] Includes vocational/technical high schools. [3] Includes combined elementary-secondary schools, special education, alternative and other. [4] Includes middle schools. [5] Branch campuses counted as separate institutions.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 206. School Expenditures, by Type of Control and Level of Instruction: 1960 to 1986

[**In millions of dollars.** For school years ending in year shown. Due to conceptual and methodological differences, these data may not agree with data in table 207. See *Historical Statistics, Colonial Times to 1970,* series H 494, 499, and 500 for related but not comparable data, and H 513–519 for private schools. See also Appendix III]

YEAR	Total	ELEMENTARY AND SECONDARY SCHOOLS			COLLEGES AND UNIVERSITIES		
		Total	Public	Private	Total	Public	Private
1960	23,860	16,713	15,613	1,100	7,147	3,904	3,244
1970	68,459	43,183	40,683	2,500	25,276	16,234	9,041
1975	108,664	68,846	64,846	4,000	39,818	26,966	12,852
1976	118,706	75,101	70,601	4,500	43,605	29,736	13,869
1977	126,417	79,194	74,194	5,000	47,223	31,997	15,226
1978	137,042	86,544	80,844	5,700	50,498	34,031	16,467
1979	148,308	93,012	86,712	6,300	55,296	37,110	18,187
1980	165,627	103,162	95,962	7,200	62,465	41,434	21,031
1981	182,849	112,325	104,125	8,200	70,524	46,559	23,965
1982	197,801	120,486	111,186	9,300	77,315	50,813	26,502
1983, prel	212,025	128,725	118,425	10,300	83,300	54,600	28,700
1984, est	229,100	139,000	127,500	11,500	90,100	59,700	30,400
1985, est	244,400	148,900	136,500	12,400	95,500	63,000	32,500
1986, est	261,500	159,300	146,000	13,300	102,200	67,400	34,800

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 207. School Expenditures, by Source of Funds: 1960 to 1985

[For school years ending in year shown. Includes nursery, kindergarten, and special programs when provided by school system. All nonpublic school data and all data beginning 1980 are estimates. Due to revised methodology, data for 1960 through 1975 are not comparable to later years]

SOURCE OF FUNDS AND TYPE OF SCHOOL	TOTAL (bil. dol.)									PERCENT			
	1960	1970	1975	1980	1981	1982	1983	1984	1985	1960	1970	1980	1985
Total	**24.7**	**70.4**	**111.1**	**164.7**	**179.8**	**196.6**	**211.0**	**226.5**	**240.0**	**100.0**	**100.0**	**100.0**	**100.0**
Federal	1.7	7.5	12.1	18.9	20.0	18.5	18.6	19.1	19.8	6.9	10.7	11.5	8.3
State	7.2	22.2	38.7	64.5	70.2	76.5	82.0	88.1	93.7	29.1	31.5	39.2	39.0
Local	9.7	22.6	33.2	43.1	46.1	51.9	55.6	59.4	62.8	39.3	32.1	26.2	26.2
All other	6.1	18.1	27.1	38.2	43.5	49.7	54.8	59.8	63.7	24.7	25.7	23.2	26.5
Public	19.7	56.8	91.3	137.4	149.0	162.2	173.7	186.7	197.5	79.8	80.7	83.4	82.3
Federal	1.2	5.8	9.8	14.8	15.5	14.0	14.1	14.7	(NA)	4.8	8.2	9.0	(NA)
State	7.2	22.1	38.4	64.1	69.7	76.0	81.6	87.7	(NA)	29.1	31.4	38.9	(NA)
Local	9.7	22.5	33.1	42.9	46.0	51.7	55.4	59.2	(NA)	39.3	32.0	26.1	(NA)
All other	1.6	6.4	10.0	15.6	17.9	20.5	22.6	25.1	(NA)	6.5	9.1	9.5	(NA)
Private	5.0	13.6	19.8	27.3	30.7	34.4	37.4	39.8	42.5	20.2	19.3	16.6	17.7
Federal	.5	1.7	2.3	4.1	4.5	4.5	4.4	4.4	(NA)	2.0	2.4	2.5	(NA)
State and local	(Z)	.2	.4	.6	.6	.7	.7	.7	(NA)	(Z)	.2	.4	(NA)
All other	4.5	11.7	17.1	22.6	25.6	29.2	32.2	34.7	(NA)	18.2	16.6	13.7	(NA)
Elementary and secondary	**18.0**	**45.7**	**72.2**	**102.2**	**109.3**	**119.3**	**127.8**	**136.5**	**144.5**	**100.0**	**100.0**	**100.0**	**100.0**
Federal	.7	3.4	6.0	9.4	9.5	8.2	8.2	8.4	8.8	3.9	7.4	9.2	6.1
State	5.6	15.8	27.2	44.9	48.5	53.0	57.1	61.0	64.9	31.1	34.6	43.9	44.9
Local	9.5	21.7	31.7	41.4	44.2	49.8	53.4	57.1	60.4	52.8	47.5	40.5	41.8
All other	2.2	4.8	7.3	6.6	7.1	8.2	9.1	9.9	10.4	12.2	10.5	6.4	7.2
Public	15.9	41.0	65.0	96.0	102.5	111.4	119.1	127.0	134.5	88.3	89.7	93.9	93.1
Federal	.7	3.4	6.0	9.4	9.5	8.2	8.2	8.4	(NA)	3.9	7.4	9.2	(NA)
State	5.6	15.8	27.2	44.9	48.5	53.0	57.1	61.0	(NA)	31.1	34.6	43.9	(NA)
Local	9.5	21.7	31.7	41.4	44.2	49.8	53.4	57.1	(NA)	52.8	47.5	40.5	(NA)
All other	.1	.1	.1	.3	.3	.3	.4	.4	(NA)	.6	.2	.3	(NA)
Private	2.1	4.7	7.2	6.3	6.8	7.9	8.7	9.5	10.0	11.7	10.3	6.1	6.9
Institutions of higher education	**6.7**	**24.7**	**38.9**	**62.5**	**70.5**	**77.3**	**83.3**	**90.0**	**95.5**	**100.0**	**100.0**	**100.0**	**100.0**
Federal	1.0	4.1	6.1	9.5	10.5	10.3	10.4	10.7	11.0	14.9	16.6	15.2	11.5
State	1.6	6.4	11.5	19.6	21.7	23.5	24.9	27.1	28.8	23.9	25.9	31.4	30.2
Local	.2	.9	1.5	1.7	1.9	2.1	2.2	2.3	2.4	3.0	3.6	2.7	2.5
All other	3.9	13.3	19.8	31.6	36.5	41.5	45.8	50.0	53.3	58.2	53.9	50.6	55.8
Public	3.8	15.8	26.3	41.4	46.6	50.8	54.6	59.7	63.0	56.7	64.0	66.3	66.0
Federal	.5	2.4	3.8	5.4	6.0	5.8	5.9	6.3	(NA)	7.5	9.7	8.7	(NA)
State	1.6	6.3	11.2	19.2	21.2	23.0	24.5	26.6	(NA)	23.9	25.5	30.7	(NA)
Local	.2	.8	1.4	1.5	1.8	1.9	2.0	2.1	(NA)	3.0	3.2	2.5	(NA)
All other	1.5	6.3	9.9	15.3	17.6	20.2	22.2	24.7	(NA)	22.4	25.5	24.5	(NA)
Private	2.9	8.9	12.6	21.0	24.0	26.5	28.7	30.4	32.5	43.3	36.0	33.7	34.0
Federal	.5	1.7	2.3	4.1	4.5	4.5	4.4	4.4	(NA)	7.5	6.9	6.5	(NA)
State and local	(Z)	.2	.4	.6	.6	.7	.7	.7	(NA)	(Z)	.8	1.0	(NA)
All other	2.4	7.0	9.9	16.3	18.8	21.4	23.6	25.3	(NA)	35.8	28.3	26.2	(NA)

NA Not available. Z Less than $50 million or less than .05 percent.

Source: U.S National Center for Education Statistics, unpublished data.

No. 208. Federal Program Funds for Education and Related Activities, by Level of Education, Agency and Program: 1980 to 1984

[In millions of dollars. Estimates for fiscal years ending in June. Figures are tied to appropriations]

Level, agency and program	1980	1981	1982	1983	1984 [1]
Total, all programs	**34,204.4**	**35,597.8**	**33,548.8**	**33,638.2**	**35,445.0**
Percent of Federal budget outlays	5.8	5.2	4.5	4.2	3.7
Elementary/secondary education [2]	**16,272.2**	**15,849.6**	**14,756.1**	**14,508.2**	**16,430.7**
Department of Education [2]	6,492.9	6,769.2	6,456.3	5,986.6	6,220.8
Compensatory education	3,401.8	3,353.6	2,954.4	2,645.7	3,077.3
Special education	821.8	1,035.4	1,141.4	1,289.7	922.8
Vocational and adult education	863.4	728.4	617.5	717.6	742.5
Department of Agriculture [2]	4,520.3	4,005.2	3,527.9	3,727.2	4,864.9
Child nutrition programs	3,777.1	3,438.2	3,019.7	3,278.1	3,888.5
Agricultural Marketing Service—Commodities	443.8	345.7	363.5	362.3	854.9
Special milk programs	159.3	104.4	22.9	14.9	19.3
Department of Commerce: Local public works program—school facilities	54.8	12.8	5.4	1.3	.3
Department of Defense [3]	370.8	414.6	515.0	564.9	659.1
Junior ROTC	32.0	32.2	42.3	50.4	54.1
Overseas dependent schools	338.8	382.4	386.7	414.5	500.0
Department of Energy	94.9	62.9	23.1	48.2	[4].2
Department of Health and Human Services	1,078.3	1,253.2	1,282.6	1,222.0	1,490.8
Head Start	736.3	814.2	908.6	912.0	995.8
Social Security student benefits	342.0	439.0	374.0	310.0	495.0
Department of the Interior [2]	334.9	312.2	345.2	361.2	324.3
Mineral Leasing Act and other funds	111.4	126.6	173.6	143.9	188.6
Indian education	223.1	185.3	171.2	216.9	135.1
Department of Labor	1,850.0	2,120.1	1,790.4	1,827.0	2,049.0
Job Corps	470.0	540.0	570.0	563.0	610.0
Job Training Partnership Act [5]	1,380.0	1,580.1	1,220.4	1,264.0	1,439.0
Department of the Treasury: General Revenue *Sharing—Education Share*	934.8	411.3	411.2	415.3	411.0
Veterans' Administration	457.8	411.1	310.8	261.1	236.8
Non-collegiate and job training programs	440.0	391.4	291.8	244.1	220.1
Other elementary/secondary programs and *agencies*	540.3	488.0	398.9	354.3	410.2
Higher education [2]	**10,803.5**	**12,192.6**	**10,936.4**	**10,714.9**	**10,031.7**
Department of Education [2]	5,663.5	6,812.2	6,394.6	7,185.4	7,318.0
Student financial assistance	3,682.8	3,906.3	2,732.5	4,043.6	3,743.3
Guaranteed student loans	1,408.0	2,258.7	3,023.5	2,555.5	3,245.2
Higher education	399.8	438.3	379.3	364.4	419.2
Department of Agriculture	21.5	22.3	11.8	16.2	17.2
Department of Defense	[6] 500.0	574.7	630.6	698.7	772.4
Tuition assistance for military personnel	(NA)	43.5	50.8	61.3	71.9
Service academies	(NA)	240.3	275.3	291.7	295.8
Senior ROTC	(NA)	290.9	304.5	345.7	404.7
Department of Energy	82.4	52.2	19.8	39.8	3.5
Energy conservation for buildings	77.5	47.0	13.6	36.3	–
Higher education—Continued					
Department of Health and Human Services [2]	2,170.7	2,664.6	2,020.5	1,183.1	502.8
Health professions training	395.8	444.6	368.4	266.9	161.7
National Health Service Corps scholarships	70.7	88.2	59.8	32.0	14.6
Alcohol, drug abuse, mental health training programs	122.1	115.7	100.7	59.4	36.1
Health teaching facilities	3.1	4.0	4.2	40.4	29.6
Social Security postsecondary student benefits	1,559.0	2,001.0	1,476.0	773.0	246.0
Department of the Interior	63.3	71.0	96.6	94.6	106.9
Mineral Leasing Act and other funds	35.4	43.8	70.4	70.0	92.9
Indian programs	27.9	27.3	26.3	24.6	14.0
Department of Transportation	37.1	37.9	44.3	43.3	55.2
Other agencies [2]	1,955.2	1,940.8	1,700.9	1,435.5	1,236.0
Nat'l Science Foundation—Sci./engineering	64.6	66.2	67.6	50.1	20.3
U.S. Information Agency	49.5	57.0	60.0	68.0	75.8
Veterans Administration	1,764.0	1,757.7	1,525.8	1,268.4	1,088.1
College student support	1,606.7	1,568.0	1,333.7	1,088.9	892.4
Post Viet Nam veterans	.9	4.6	14.4	24.9	41.7
Veterans dependents education	176.3	185.1	177.7	154.6	154.0
Other higher education programs	13.6	16.9	17.3	18.3	19.8
Other programs	**1,332.1**	**1,266.9**	**1,279.5**	**1,348.9**	**1,433.9**
Department of Education [2]	455.5	352.5	395.9	404.7	422.0
Libraries	264.8	80.5	101.4	124.5	87.1
Administration	170.1	247.1	265.7	248.0	307.4
Department of Agriculture	274.8	293.5	305.5	323.4	334.9
Department of Health and Human Services	37.8	43.2	46.6	44.9	52.4
Department of Justice	17.4	13.8	14.9	19.4	16.6
Department of State	[6] 25.0	27.2	21.2	23.8	26.4
Department of Transportation	12.7	8.3	6.0	6.2	6.4
Other agencies [2]	505.4	525.0	486.8	523.5	572.0
Agency for International Development	80.5	96.9	105.4	109.6	112.7
Library of Congress	151.9	144.1	144.9	154.2	169.2
National Endowment for the Arts	135.9	145.5	112.9	121.9	141.6
National Endowment for the Humanities	85.8	84.3	68.4	74.3	75.7
Other	3.5	3.5	2.7	3.1	3.2
Research programs at universities and related institutions [2]	**5,796.7**	**6,288.8**	**6,576.8**	**7,066.1**	**7,548.8**
Department of Defense	644.5	758.7	889.9	1,020.0	1,174.2
Department of Energy	1,470.2	1,700.4	1,715.8	1,789.3	1,912.7
Dept. of Health and Human Services	2,087.1	2,199.9	2,194.7	2,419.4	2,493.7
Agency for International Development	77.1	46.4	69.6	68.7	89.7
National Aeronautics and Space Admin.	254.6	250.3	368.1	375.8	389.6
National Science Foundation	743.8	773.3	787.0	850.8	1,016.4

– Represents zero. NA Not available. [1] Estimated except actual outlays for Department of Education. [2] Includes other programs or agencies not shown separately. [3] Beginning 1982, includes stateside schools on military installations for free education of dependents, previously covered by the Department of Education. [4] Estimate for energy conservation for school buildings ($48.0 million in 1983) not available. [5] Prior to 1983, covers CETA programs. [6] Estimated.

Source: U.S. National Center for Education Statistics, *Federal Support for Education, Fiscal Years 1980 to 1984*, June 1985.

NO. 209. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS, BY LEVEL, 1965 TO 1983, AND PROJECTIONS, 1985 TO 1993

[**In thousands.** As of **fall.** Data are for regular day schools and exclude independent nursery schools and kindergartens, residential schools for exceptional children, subcollegiate departments of colleges, Federal schools for Indians, and federally operated schools on Federal installations. College data include degree-credit and nondegree-credit enrollment]

CONTROL OF SCHOOL AND LEVEL	1965	1970	1978	1979	1980	1981	1982	1983	1985	1990	1993
Total	**54,394**	**59,853**	**58,895**	**58,215**	**58,415**	**57,972**	**57,678**	**57,507**	**56,924**	**57,762**	**59,589**
Public	46,143	52,337	51,335	50,682	50,444	49,747	49,348	49,010	48,568	49,367	50,898
Private [1]	8,251	7,516	7,560	7,533	7,971	8,224	8,330	8,497	8,356	8,395	8,691
Kindergarten through 8	35,463	36,629	32,060	31,631	31,666	31,345	31,356	31,288	30,936	33,525	35,376
Public	30,563	32,577	28,328	27,931	27,674	27,245	27,156	26,973	26,636	28,925	30,476
Private [1]	4,900	4,052	3,732	3,700	3,992	4,100	4,200	4,315	4,300	4,600	4,900
Grades 9 through 12	13,010	14,643	15,576	15,014	14,652	14,255	13,896	13,754	13,741	12,144	12,537
Public	11,610	13,332	14,223	13,714	13,313	12,855	12,496	12,354	12,341	10,944	11,237
Private [1]	1,400	1,311	1,353	1,300	1,339	1,400	1,400	1,400	1,400	1,200	1,300
College	5,921	8,581	11,259	11,570	12,097	12,372	12,426	12,465	12,247	12,093	11,676
Public	3,970	6,428	8,784	9,037	9,457	9,647	9,696	9,683	9,591	9,498	9,185
Private	1,951	2,153	2,475	2,533	2,640	2,724	2,730	2,782	2,656	2,595	2,491

[1] Data for 1970 and later years have been revised since originally published.

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics*, biennial, *Digest of Education Statistics*, annual; and unpublished data.

NO. 210. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS: 1960 TO 1984

[**In millions, except percent.** See headnote, table 211]

YEAR	PUBLIC						PRIVATE					
	Total	Nursery	Kindergarten	Elementary	High school	College	Total	Nursery	Kindergarten	Elementary	High school	College
1960	39.0	(NA)	27.5		9.2	2.3	7.2	(NA)	4.9		1.0	1.3
1965	45.5	.1	2.4	27.6	11.5	3.8	9.2	.4	.6	4.9	1.5	1.8
1970	52.2	.3	2.6	30.0	13.5	5.7	8.1	.8	.5	3.9	1.2	1.7
1975	52.8	.6	2.9	27.2	14.5	7.7	8.2	1.2	.5	3.3	1.2	2.0
1980	(NA)	.6	2.7	24.4	(NA)	(NA)	(NA)	1.4	.5	3.1	(NA)	(NA)
1981 [1]	48.4	.7	2.5	24.1	13.2	7.9	8.5	1.4	.5	3.0	1.1	2.5
1981 [2]	49.7	.6	2.6	24.8	13.5	8.2	8.7	1.4	.5	3.0	1.1	2.6
1982	49.2	.7	2.7	24.4	13.0	8.4	8.7	1.4	.6	3.0	1.1	2.6
1983	48.7	.8	2.7	24.2	12.8	8.2	9.0	1.5	.7	3.0	1.2	2.6
1984	49.0	.8	3.0	24.1	12.7	8.5	8.3	1.6	.5	2.7	1.1	2.4
Percent White:												
1960	85.7	(NA)	84.3		88.2	92.2	95.7	(NA)	95.3		96.7	96.3
1965	85.0	73.2	85.5	83.3	86.5	92.9	95.5	91.1	90.9	96.4	95.7	95.3
1970	84.5	59.5	84.4	83.1	85.6	90.7	93.4	91.1	88.2	94.1	96.1	92.8
1975	83.2	68.3	82.9	82.3	83.5	87.3	91.6	88.6	89.1	93.3	94.2	89.9
1980	(NA)	68.2	80.7	80.9	(NA)	(NA)	(NA)	89.0	87.0	90.7	(NA)	(NA)
1981 [1]	81.5	67.1	81.1	80.5	81.9	85.4	89.5	88.8	85.6	90.4	92.1	88.3
1981 [2]	81.3	67.4	81.4	80.5	81.6	84.6	89.1	88.7	85.7	90.2	91.8	87.6
1982	81.1	69.1	79.7	80.3	81.1	85.0	89.1	89.9	88.4	89.5	92.7	86.8
1983	80.9	69.6	80.6	79.9	80.8	84.9	89.0	88.8	88.6	90.6	89.2	86.9
1984	80.7	71.4	78.5	79.9	80.7	84.6	88.9	86.1	88.3	90.1	92.1	88.0

NA Not available. [1] Population controls based on 1970 census; see text, pp. 2 and 125. [2] Population controls based on 1980 census; see text, pp. 2 and 125.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 394, and earlier reports; and unpublished data.

NO. 211. SCHOOL ENROLLMENT, BY SEX AND BY LEVEL: 1960 TO 1984

[**In millions.** As of **Oct.** For **1960,** covers civilian noninstitutional population 5 to 34 years old; thereafter, 3 to 34 years old. Elementary includes kindergarten and grades 1-8; high school, grades 9-12; and college, 2-year and 4-year colleges, universities, and graduate and professional schools. Data for college represent degree-credit enrollment]

YEAR	ALL LEVELS [1]			ELEMENTARY			HIGH SCHOOL			COLLEGE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1960	46.3	24.2	22.0	32.4	16.7	15.7	10.2	5.2	5.1	3.6	2.3	1.2
1965	54.7	28.5	26.2	35.5	18.2	17.3	13.0	6.5	6.5	5.7	3.5	2.2
1970	60.4	31.4	28.9	37.1	19.0	18.1	14.7	7.4	7.3	7.4	4.4	3.0
1975	61.0	31.6	29.4	33.8	17.3	16.5	15.7	8.0	7.7	9.7	5.3	4.4
1977	60.0	30.8	29.2	32.4	16.6	15.8	15.8	8.0	7.8	10.2	5.4	4.8
1978	58.6	30.1	28.6	31.5	16.1	15.3	15.5	7.8	7.6	9.8	5.1	4.7
1979	57.9	29.5	28.3	30.9	15.9	15.0	15.1	7.7	7.4	10.0	5.0	5.0
1980	57.3	29.2	28.2	30.6	15.8	14.9	14.6	7.3	7.2	10.2	5.0	5.2
1981 [2]	56.9	29.0	27.9	30.1	15.5	14.7	14.3	7.3	7.1	10.4	5.2	5.2
1981 [3]	58.4	29.8	28.6	31.0	15.9	15.0	14.6	7.4	7.2	10.7	5.4	5.4
1982	57.9	29.5	28.4	30.7	15.8	14.9	14.1	7.2	6.9	10.9	5.4	5.5
1983	57.7	29.6	28.2	30.6	15.7	14.8	14.0	7.1	6.9	10.8	5.5	5.3
1984	57.3	29.3	28.0	30.3	15.6	14.7	13.8	7.0	6.7	10.9	5.5	5.3

[1] Beginning 1965, includes nursery schools, not shown separately. [2] Population controls based on 1970 census; see text, pp. 2 and 125. [3] Population controls based on 1980 census; see text, pp. 2 and 125.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 394, and earlier reports; and unpublished data.

No. 212. Public School Enrollment in Regular Schools by Level—States: 1980 and 1983

[In thousands. As of fall. Includes unclassified students. See also Appendix III]

STATE	PRE-KINDERGARTEN THROUGH GRADE 8		GRADES 9–12 [2]		HIGHER EDUCATION [3]		STATE	PRE-KINDERGARTEN THROUGH GRADE 8		GRADES 9–12 [2]		HIGHER EDUCATION [3]	
	1980	1983 [1]	1980	1983 [1]	1980	1983 [1]		1980	1983 [1]	1980	1983 [1]	1980	1983 [1]
US	27,674	26,973	13,313	12,354	9,457	9,683	MS	330	328	147	140	91	98
							MO	567	546	277	249	165	177
AL	528	511	231	211	144	150	MT	106	108	50	45	31	34
AK	60	66	26	27	21	25	NE	189	186	91	81	74	78
AZ	357	351	157	152	194	201	NV	101	102	49	48	40	43
AR	310	305	138	127	66	65	NH	112	106	55	53	24	26
CA	2,761	2,814	1,357	1,275	1,600	1,529	NJ	820	761	426	386	247	251
CO	374	377	172	165	146	152	NM	186	192	85	78	55	63
CT	364	329	168	149	98	103	NY	1,838	1,736	1,033	939	563	579
DE	62	61	37	30	28	28	NC	786	761	343	329	228	242
DC	71	63	29	26	14	14	ND	77	82	40	35	32	35
FL	1,042	1,044	468	451	334	357	OH	1,312	1,240	645	587	382	395
GA	742	738	327	313	140	154	OK	399	421	179	170	137	151
HI	110	110	55	52	43	46	OR	319	307	145	140	140	123
							PA	1,231	1,131	678	607	292	307
ID	144	148	59	58	34	34	RI	95	88	53	48	35	36
IL	1,335	1,272	649	582	491	517	SC	426	423	193	182	108	107
IN	708	670	347	314	189	197	SD	86	86	42	37	24	26
IA	351	333	183	164	97	110	TN	602	587	252	235	157	159
KS	283	282	133	123	122	127	TX	2,049	2,155	851	835	614	703
KY	464	455	206	192	115	116	UT	250	282	93	97	60	68
LA	544	561	234	221	137	155	VT	66	63	29	27	18	19
ME	153	146	70	64	32	34	VA	703	674	307	292	247	251
MD	493	452	258	232	195	207	WA	515	504	242	233	276	199
MA	676	578	346	301	184	186	WV	270	263	113	108	71	72
MI	1,227	1,133	638	603	454	444	WI	528	501	303	274	235	242
MN	482	467	272	239	162	168	WY	70	74	28	27	21	24

[1] Preliminary. [2] Includes postgraduates. [3] See headnote, table 262. Includes U.S. military academies not shown separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and *The Condition of Education*, annual.

No. 213. School Enrollment and Rate, by Age, Sex and Race: 1970 to 1984

[**In thousands, except rate.** As of **October.** Covers persons 3 to 34 years old enrolled in nursery school and above. Data relate to civilian noninstitutional population. Based on Current Population Survey, see text pp. 1 and 2. See *Historical Statistics, Colonial Times to 1970*, series H 442-476 for enrollment 5-34 years old]

YEAR AND AGE	Population	ENROLLED					RATE				
		Total	Male	Female	White	Black	Total	Male	Female	White	Black
1970, total	**106,996**	**60,357**	**31,413**	**28,944**	**51,719**	**7,829**	**56.4**	**59.7**	**53.2**	**56.2**	**57.4**
3 and 4 years	7,135	1,461	771	691	1,181	250	20.5	21.2	19.8	19.9	22.7
5 and 6 years	7,820	7,000	3,545	3,455	5,899	999	89.5	88.9	90.2	90.3	84.9
7 to 13 years	29,168	28,943	14,688	14,255	24,564	3,998	99.2	99.0	99.4	99.2	99.3
14 and 15 years	8,019	7,869	3,992	3,877	6,761	1,025	98.1	98.2	98.1	98.2	97.6
16 and 17 years	7,699	6,927	3,539	3,388	6,008	837	90.0	91.3	88.6	90.6	85.7
18 and 19 years	6,958	3,322	1,821	1,501	2,924	352	47.7	54.4	41.6	48.7	40.1
20 and 21 years	6,118	1,949	1,131	818	1,750	174	31.9	42.7	23.6	33.1	22.8
22 to 24 years	9,476	1,410	931	479	1,305	84	14.9	21.2	9.4	15.7	8.0
25 to 29 years	13,415	1,011	713	298	910	68	7.5	11.0	4.3	7.7	4.8
30 to 34 years	11,188	466	283	182	416	41	4.2	5.3	3.1	4.2	3.4
1980, total	**115,434**	**57,348**	**29,155**	**28,192**	**47,673**	**8,251**	**49.7**	**50.9**	**48.5**	**48.9**	**53.9**
3 and 4 years	6,215	2,280	1,202	1,078	1,844	371	36.7	37.8	35.5	36.3	38.2
5 and 6 years	6,116	5,853	2,971	2,882	4,781	904	95.7	95.0	96.4	95.8	95.4
7 to 13 years	23,928	23,751	12,110	11,641	19,585	3,598	99.3	99.2	99.3	99.2	99.4
14 and 15 years	7,414	7,282	3,701	3,580	6,038	1,088	98.2	98.7	97.7	98.3	97.9
16 and 17 years	8,013	7,129	3,620	3,509	5,937	1,047	89.0	89.1	88.8	88.6	90.6
18 and 19 years	8,160	3,788	1,879	1,910	3,199	494	46.4	47.0	45.8	46.3	45.7
20 and 21 years	8,112	2,515	1,280	1,235	2,206	242	31.0	32.6	29.5	31.9	23.4
22 to 24 years	11,858	1,931	1,019	912	1,669	196	16.3	17.8	14.9	16.4	13.6
25 to 29 years	18,487	1,714	880	833	1,473	187	9.3	9.8	8.8	9.2	8.8
30 to 34 years	17,131	1,105	492	613	942	124	6.4	5.9	7.0	6.3	6.8
1984, total	**119,740**	**57,313**	**29,334**	**27,978**	**46,941**	**8,226**	**47.9**	**49.1**	**46.6**	**47.3**	**50.1**
3 and 4 years	7,188	2,608	1,320	1,287	2,081	432	36.3	35.9	36.6	36.0	38.2
5 and 6 years	6,698	6,332	3,220	3,112	5,133	941	94.5	94.0	95.1	94.7	94.0
7 to 13 years	23,033	22,854	11,665	11,190	18,596	3,429	99.2	99.1	99.4	99.2	99.4
14 and 15 years	7,390	7,229	3,673	3,555	5,924	1,055	97.8	97.5	98.2	97.8	98.0
16 and 17 years	7,173	6,564	3,345	3,219	5,391	981	91.5	91.8	91.2	91.2	92.5
18 and 19 years	7,428	3,724	1,924	1,800	3,135	483	50.1	52.4	47.9	51.1	44.2
20 and 21 years	7,959	2,699	1,405	1,294	2,264	308	33.9	36.2	31.7	34.2	27.6
22 to 24 years	12,644	2,187	1,246	941	1,819	259	17.3	20.1	14.6	17.2	15.6
25 to 29 years	20,995	1,906	987	919	1,604	191	9.1	9.6	8.6	9.1	7.4
30 to 34 years	19,232	1,209	548	660	995	147	6.3	5.8	6.7	6.1	6.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 394 and earlier reports; and unpublished data.

NO. 214. PREPRIMARY SCHOOL ENROLLMENT OF CHILDREN 3 TO 5 YEARS OLD: 1968 TO 1984

[**As of October.** Civilian noninstitutional population. Includes public and nonpublic nursery school and kindergarten programs. Excludes 5 year olds enrolled in elementary school. The method of identifying children of Spanish origin was changed in 1980 from allocation based on status of mother to status reported for each child. The number of children of Spanish origin using the new method is larger. Based on Current Population Survey; see text, p. 2]

ITEM	NUMBER OF CHILDREN (1,000)							ENROLLMENT RATE			
	1968	1970	1975	1980	1982	1983	1984	1970	1975	1980	1984
Population, 3–5 years old	11,895	10,877	10,183	9,284	9,873	10,252	10,612	(X)	(X)	(X)	(X)
Total enrolled [1] [2]	**3,925**	**4,075**	**4,954**	**4,878**	**5,105**	**5,385**	**5,480**	**37.5**	**48.6**	**52.5**	**51.6**
Nursery	816	1,093	1,745	1,982	2,151	2,347	2,335	(X)	(X)	(X)	(X)
Kindergarten	3,110	2,982	3,209	2,896	2,954	3,038	3,145	(X)	(X)	(X)	(X)
White	3,309	3,414	4,105	3,994	4,165	4,430	4,411	37.8	48.6	52.7	51.7
Black	553	585	731	725	769	758	845	34.9	48.1	51.8	51.3
Spanish origin [3]	(NA)	(NA)	(NA)	370	368	406	380	(NA)	(NA)	43.3	41.6
3 years old	317	454	683	857	928	1,005	1,004	13.0	21.5	27.3	27.8
4 years old	911	1,003	1,418	1,423	1,496	1,619	1,603	27.9	40.5	46.3	44.8
5 years old	2,698	2,617	2,852	2,598	2,681	2,762	2,872	69.2	81.3	84.7	83.9
LABOR FORCE STATUS OF MOTHER											
All races: [2] With mother in labor force [4]	1,217	1,345	2,168	2,480	2,629	2,853	2,969	38.8	54.0	57.1	54.9
3 and 4 years old	456	526	973	1,252	1,268	1,453	1,490	23.5	38.0	43.2	40.8
5 years old	761	818	1,195	1,229	1,360	1,399	1,479	66.6	82.5	85.2	84.3
Married, spouse present	1,015	1,131	1,733	1,976	2,095	2,296	2,366	39.5	53.6	56.7	54.8
Other marital status	200	214	435	504	534	556	603	36.0	57.3	59.1	56.8
Employed	1,134	1,246	1,948	2,256	2,302	2,578	2,702	39.3	55.1	58.2	55.7
Full-time	778	770	1,236	1,445	1,361	1,655	1,740	38.6	55.1	57.4	54.4
Mother not in labor force	2,642	2,694	2,704	2,266	2,340	2,378	2,311	37.0	45.1	48.9	48.3
White: With mother in labor force [4]	915	1,031	1,723	1,976	2,107	2,307	2,324	39.1	54.0	56.8	54.6
3 and 4 years old	320	374	740	967	995	1,160	1,148	22.1	36.6	41.9	40.0
5 years old	595	657	983	1,007	1,111	1,147	1,176	69.2	84.1	86.3	86.0
Married, spouse present	803	913	1,449	1,671	1,788	1,953	1,992	39.1	53.3	56.6	54.6
Other marital status	110	119	273	305	319	354	332	38.9	58.4	58.7	57.2
Employed	856	959	1,566	1,840	1,889	2,130	2,154	39.3	55.0	57.8	55.2
Full-time	553	557	941	1,127	1,048	1,300	1,294	38.2	54.3	56.8	52.7
Mother not in labor force	2,342	2,354	2,331	1,914	1,958	2,007	1,925	37.4	45.3	49.4	48.6
Black: With mother in labor force [4]	270	281	372	438	447	458	536	36.8	52.6	59.2	56.6
3 and 4 years old	124	136	191	244	233	243	284	27.3	41.0	48.9	44.3
5 years old	147	143	181	193	214	214	252	55.6	75.2	80.5	81.9
Married, spouse present	183	192	221	240	238	272	276	39.4	53.6	57.7	57.2
Other marital status	87	89	151	198	209	186	260	32.2	53.1	61.8	56.0
Employed	247	256	313	356	344	366	443	37.9	53.5	60.5	58.7
Full-time	198	195	244	269	261	302	367	39.0	56.7	60.0	61.4
Mother not in labor force	270	298	330	285	292	266	274	33.9	44.1	45.4	44.6
Spanish origin: [3] With mother in labor force [4]	(NA)	(NA)	(NA)	181	156	205	154	(NA)	(NA)	50.8	43.2
3 and 4 years old	(NA)	(NA)	(NA)	101	54	84	75	(NA)	(NA)	39.6	30.4
5 years old	(NA)	(NA)	(NA)	79	103	120	79	(NA)	(NA)	79.2	71.9
Married, spouse present	(NA)	(NA)	(NA)	146	118	175	129	(NA)	(NA)	50.3	44.1
Other marital status	(NA)	(NA)	(NA)	34	39	30	25	(NA)	(NA)	59.3	(B)
Employed	(NA)	(NA)	(NA)	165	134	180	133	(NA)	(NA)	52.1	43.9
Full-time	(NA)	(NA)	(NA)	128	104	142	106	(NA)	(NA)	49.2	44.9
Mother not in labor force	(NA)	(NA)	(NA)	174	203	195	203	(NA)	(NA)	36.8	39.6
EDUCATION OF MOTHER											
All races: [2] Total mothers	3,860	4,038	4,871	4,747	4,969	5,230	5,280	37.6	48.7	52.9	51.8
Elementary: 0 to 8 years	328	272	319	287	323	344	322	22.4	38.2	36.9	39.2
High school: 1 to 3 years	698	751	698	639	652	598	585	31.9	38.1	44.5	40.8
4 years	1,647	1,699	2,130	2,081	2,063	2,190	2,257	38.0	45.9	51.0	48.8
College: 1 to 3 years	537	654	946	887	968	1,031	1,086	48.7	59.1	60.6	60.1
4 years or more	450	462	780	853	962	1,067	1,030	55.8	70.7	70.3	68.3
White: Total mothers	3,257	3,385	4,054	3,890	4,065	4,315	4,250	37.9	48.6	52.9	51.7
Elementary: 0 to 8 years	217	184	212	197	227	255	231	21.8	36.3	34.5	37.5
High school: 1 to 3 years	492	544	483	426	433	419	386	31.1	36.2	42.9	38.9
4 years	1,639	1,657	1,813	1,751	1,736	1,804	1,858	37.9	45.4	50.5	48.4
College: 1 to 3 years	488	578	847	767	798	873	878	48.0	59.4	61.1	60.3
4 years or more	420	422	698	749	870	964	896	55.6	70.3	70.4	68.6
Black: Total mothers	540	579	702	723	739	724	810	35.3	48.2	52.9	51.8
Elementary: 0 to 8 years	102	80	94	72	68	60	42	24.1	43.3	43.9	40.6
High school: 1 to 3 years	195	187	200	197	196	180	176	33.2	43.2	48.5	44.6
4 years	186	218	279	295	291	326	340	37.9	49.2	54.4	50.8
College: 1 to 3 years	39	69	82	100	141	119	171	54.8	57.0	57.8	60.9
4 years or more	20	25	46	58	43	60	82	(B)	(B)	72.1	70.1
Spanish origin: [3] Total mothers	(NA)	(NA)	(NA)	354	359	400	357	(NA)	(NA)	42.8	41.1
Elementary: 0 to 8 years	(NA)	(NA)	(NA)	90	122	124	116	(NA)	(NA)	28.7	34.9
High school: 1 to 3 years	(NA)	(NA)	(NA)	73	72	85	77	(NA)	(NA)	42.9	44.3
4 years	(NA)	(NA)	(NA)	131	99	121	106	(NA)	(NA)	51.4	42.1
College: 1 to 3 years	(NA)	(NA)	(NA)	40	49	45	40	(NA)	(NA)	(B)	(B)
4 years or more	(NA)	(NA)	(NA)	21	17	26	19	(NA)	(NA)	(B)	(B)

B Base too small to meet standards of reliability. NA Not available. X Not applicable. [1] Includes children with mothers whose labor force status is unknown and children with no mother present in household, not shown separately. [2] Includes other races not shown separately. [3] Persons of Spanish origin may be of any race. [4] Includes children with mothers who are unemployed, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 318; and unpublished data.

No. 215. Years of School Completed, by Age and Race: 1940 to 1984

[Through **1980**, as of **April 1**. 1940 based on complete count; 1950, on 20-percent sample; 1960, on 25-percent sample; 1970, on a 20-percent sample; and 1980 based on a 17-percent sample; see text, p. 1. Beginning **1983**, as of **March**, based on Current Population Survey; see text, pp. 1 and 2. Excludes Armed Forces, except members living off post or with families on post. Beginning 1980, excludes inmates of institutions]

Age and year	All persons					Black persons				
	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed [1]	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed [1]
	Total	With less than 5 yr. of school	Total	College, 4 yr. or more		Total	With less than 5 yr. of school	Total	College, 4 yr. or more	
25 years and over:										
1940	75.5	13.7	24.5	4.6	8.6	92.7	42.0	7.3	1.3	5.7
1950	65.7	11.1	34.3	6.2	9.3	87.1	32.9	12.9	2.1	6.8
1960	58.9	8.3	41.1	7.7	10.6	79.9	23.8	20.1	3.1	8.0
1970	47.7	5.5	52.3	10.7	12.1	68.6	14.6	31.4	4.4	9.8
1980	33.5	3.6	66.5	16.2	12.5	48.8	8.2	51.2	8.4	12.0
1983	27.9	3.0	72.1	18.8	12.6	43.2	7.1	56.8	9.5	12.2
1984	26.7	2.8	73.3	19.1	12.6	41.5	7.0	58.5	10.4	12.2
25–29 years:										
1940	61.9	5.9	38.1	5.9	10.3	88.4	27.7	11.6	1.6	7.0
1950	49.5	4.7	52.8	7.7	12.0	80.4	16.8	22.2	2.7	8.6
1960	39.3	2.8	60.7	11.1	12.3	62.3	7.0	37.7	4.8	9.9
1970	26.2	1.7	73.8	16.3	12.6	44.6	3.2	55.4	6.0	12.1
1980	15.5	1.1	84.5	22.1	12.9	24.8	1.1	75.2	11.4	12.6
1983	14.0	.9	86.0	22.5	12.8	20.6	1.1	79.4	12.9	12.6
1984	14.1	.8	85.9	21.9	12.8	21.2	.9	78.9	11.6	12.6

[1] For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1940, 1950, 1960, 1970,* and *1980,* vol. I, and *Current Population Reports,* series P-20, forthcoming reports.

No. 216. Years of School Completed, by Race, Spanish Origin, and Sex: 1960 to 1984

[Persons 25 years old and over. Persons of Spanish origin may be of any race. For definition of median, see Guide to Tabular Presentation. See headnote, table 215. See also *Historical Statistics, Colonial Times to 1970,* series H 602-617]

Year, race, Spanish origin, and sex	Population (1,000)	Percent of population completing—							Median school years completed
		Elementary school			High school		College		
		0–4 years	5–7 years	8 years	1–3 years	4 years	1–3 years	4 years or more	
1960, all races	**99,438**	**8.3**	**13.8**	**17.5**	**19.2**	**24.6**	**8.8**	**7.7**	**10.6**
White	89,581	6.7	12.8	18.1	19.3	25.8	9.3	8.1	10.9
Male	43,259	7.4	13.7	18.7	18.9	22.2	9.1	10.3	10.7
Female	46,322	6.0	11.9	17.8	19.6	29.2	9.5	6.0	11.2
Black	9,054	23.8	24.2	12.9	19.0	12.9	4.1	3.1	8.0
Male	4,240	28.3	23.9	12.3	17.3	11.3	4.1	2.8	7.7
Female	4,814	19.8	24.5	13.4	20.5	14.3	4.1	3.3	8.6
1970, all races	**109,899**	**5.5**	**10.0**	**12.8**	**19.4**	**31.1**	**10.6**	**10.7**	**12.1**
White	98,246	4.5	9.1	13.0	18.8	32.2	11.1	11.3	12.1
Male	46,527	4.8	9.7	13.3	18.2	28.5	11.1	14.4	12.1
Female	51,718	4.1	8.6	12.8	19.4	35.5	11.1	8.4	12.1
Black	10,375	14.6	18.7	10.5	24.8	21.2	5.9	4.4	9.8
Male	4,714	17.7	19.1	10.2	22.9	20.0	6.0	4.2	9.4
Female	5,661	12.0	18.3	10.8	26.4	22.2	5.8	4.6	10.1
Spanish origin	3,938	18.9	17.1	10.2	17.7	22.0	7.9	6.0	9.6
Male	1,923	18.3	16.3	10.0	17.5	20.9	9.2	7.8	9.9
Female	2,014	19.6	17.9	10.4	18.0	23.1	6.7	4.3	9.3
1980, all races	**132,836**	**3.6**	**6.7**	**8.0**	**15.3**	**34.6**	**15.7**	**16.2**	**12.5**
White	114,290	2.6	5.8	8.2	14.6	35.7	16.0	17.1	12.5
Male	53,941	2.8	6.0	8.0	13.6	31.8	16.4	21.3	12.5
Female	60,349	2.5	5.6	8.4	15.5	39.1	15.6	13.3	12.6
Black	13,195	8.2	11.7	7.1	21.8	29.3	13.5	8.4	12.0
Male	5,895	10.0	12.0	6.7	20.5	28.3	14.0	8.4	12.0
Female	7,300	6.7	11.6	7.3	22.9	30.0	13.2	8.3	12.0
Spanish origin	6,739	15.5	16.6	8.1	15.8	24.4	12.0	7.6	10.8
Male	3,247	15.2	16.2	7.7	15.5	22.6	13.4	9.4	11.1
Female	3,493	15.8	17.1	8.4	16.1	26.0	10.6	6.0	10.6
1984, all races	**140,794**	**2.8**	**5.0**	**6.6**	**12.4**	**38.4**	**15.8**	**19.1**	**12.6**
White	123,103	2.2	4.5	6.6	11.7	39.1	16.1	19.8	12.6
Male	58,476	2.3	4.7	6.6	11.1	35.1	16.3	23.9	12.7
Female	64,627	2.1	4.4	6.6	12.2	42.8	15.8	16.0	12.6
Black	14,369	7.0	8.7	6.7	19.0	34.3	13.8	10.4	12.2
Male	6,334	8.8	8.9	6.8	18.6	32.9	13.8	10.5	12.2
Female	8,035	5.7	8.6	6.8	19.3	35.4	13.9	10.4	12.3
Spanish origin	7,269	13.9	15.9	8.5	14.6	27.3	11.6	8.2	11.3
Male	3,388	13.6	15.6	8.1	14.1	26.2	12.9	9.5	11.7
Female	3,880	14.1	16.2	8.9	15.0	28.2	10.5	7.0	11.0

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960, 1970,* and *1980,* vol. I, and *Current Population Reports,* series P-20, forthcoming reports.

No. 217. Years of School Completed, by Region, Division and State: 1980

[As of April 1. Based on the 1980 Census of Population; see Appendix III]

Region, division, and state	Population, 25 years old and over (1,000)	Percent of population completing at least—			
		High school		College	
		1-3 years	4 years	1-3 years	4 or more years
U.S	**132,836**	**81.7**	**66.5**	**31.9**	**16.2**
Northeast	**29,903**	**82.4**	**67.1**	**30.8**	**17.2**
New England	7,438	84.3	70.5	34.6	19.2
Maine	662	83.4	68.7	29.4	14.4
New Hampshire	542	85.3	72.3	35.1	18.2
Vermont	295	83.3	71.0	34.7	19.0
Massachusetts	3,463	85.6	72.2	35.8	20.0
Rhode Island	575	79.3	61.1	28.3	15.4
Connecticut	1,900	83.7	70.3	35.9	20.7
Middle Atlantic	22,466	81.8	66.0	29.5	16.6
New York	10,721	81.7	66.3	32.2	17.9
New Jersey	4,504	82.3	67.4	31.5	18.3
Pennsylvania	7,240	81.6	64.7	24.3	13.6
Midwest	**34,085**	**82.9**	**68.0**	**29.4**	**14.7**
E. No. Central	24,066	83.4	67.3	28.7	14.5
Ohio	6,292	84.6	67.0	26.5	13.7
Indiana	3,136	83.4	66.4	24.6	12.5
Illinois	6,679	81.5	66.5	31.4	16.2
Michigan	5,254	84.9	68.0	30.0	14.3
Wisconsin	2,705	82.0	69.6	29.2	14.8
W. No. Central	10,019	81.8	69.6	31.1	15.3
Minnesota	2,346	83.3	73.1	34.5	17.4
Iowa	1,700	83.3	71.5	28.6	13.9
Missouri	2,919	78.3	63.5	27.2	13.9
North Dakota	365	75.2	66.4	35.1	14.8
South Dakota	390	78.0	67.9	31.7	14.0
Nebraska	912	84.9	73.4	32.8	15.5
Kansas	1,388	85.4	73.3	34.2	17.0
South	**43,691**	**77.4**	**60.2**	**29.4**	**15.0**
South Atlantic	21,994	78.9	61.3	30.3	15.7
Delaware	345	85.2	68.6	32.4	17.5
Maryland	2,499	83.5	67.4	34.9	20.4
South—Con.					
South Atlantic—Con.					
District of Columbia	399	83.0	67.1	41.5	27.5
Virginia	3,133	78.4	62.4	34.0	19.1
West Virginia	1,147	72.0	56.0	20.4	10.4
North Carolina	3,403	75.4	54.8	27.0	13.2
South Carolina	1,733	74.3	53.7	26.7	13.4
Georgia	3,086	76.3	56.4	27.9	14.6
Florida	6,250	82.4	66.7	31.6	14.9
E. So. Central	8,364	72.2	55.3	24.1	12.1
Kentucky	2,087	68.7	53.1	21.8	11.1
Tennessee	2,692	72.3	56.2	24.5	12.6
Alabama	2,217	75.0	56.5	24.7	12.2
Mississippi	1,368	73.0	54.8	25.6	12.3
W. So. Central	13,333	78.3	61.5	31.1	15.5
Arkansas	1,337	73.2	55.5	22.3	10.8
Louisiana	2,281	75.1	57.7	26.7	13.9
Oklahoma	1,770	81.6	66.0	31.2	15.1
Texas	7,944	79.3	62.6	33.8	16.9
West	**25,157**	**86.8**	**74.5**	**40.9**	**19.3**
Mountain	6,335	87.6	75.2	39.5	18.8
Montana	451	85.7	74.4	36.5	17.5
Idaho	514	87.4	73.7	37.2	15.8
Wyoming	255	90.0	77.9	37.9	17.2
Colorado	1,664	89.4	78.6	44.1	23.0
New Mexico	707	82.3	68.9	34.7	17.6
Arizona	1,559	85.0	72.4	38.0	17.4
Utah	705	93.0	80.0	44.1	19.9
Nevada	480	90.4	75.5	35.1	14.4
Pacific	18,822	86.5	74.3	41.4	19.4
Washington	2,439	89.7	77.6	40.2	19.0
Oregon	1,580	88.5	75.6	38.5	17.9
California	14,044	85.8	73.5	42.0	19.6
Alaska	211	91.0	82.5	43.7	21.1
Hawaii	548	83.8	73.8	38.8	20.3

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter C (PC80-1-C).

No. 218. Years of School Completed, by Race, Sex, and Age: 1984

[Persons 25 years old and over as of March 1984. See headnote, table 215. For definition of median, see Guide to Tabular Presentation]

Race, sex, and age	Population (1,000)	Percent of population completing—							Median school years completed
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more	
All races	**140,794**	**2.8**	**5.0**	**6.6**	**12.4**	**38.4**	**15.8**	**19.1**	**12.6**
Male	66,350	2.9	5.1	6.5	11.8	34.6	16.1	22.9	12.7
Female	74,444	2.6	4.9	6.6	12.9	41.8	15.6	15.7	12.6
25-29 years	21,046	.8	1.6	1.9	9.8	42.9	21.1	21.9	12.8
30-34 years	19,127	1.2	1.5	1.8	8.3	38.7	21.5	27.0	13.0
35-44 years	30,058	1.4	2.4	2.8	10.2	39.4	18.6	25.3	12.8
45-54 years	22,240	2.2	4.6	5.3	13.9	42.4	14.0	17.6	12.6
55 years old and over	48,324	5.4	9.6	13.4	15.8	33.8	10.4	11.6	12.2
Black	**14,369**	**7.0**	**8.7**	**6.7**	**19.0**	**34.3**	**13.8**	**10.4**	**12.2**
25-29 years	2,585	.9	1.6	3.5	15.1	46.0	21.4	11.6	12.6
30-34 years	2,220	1.7	1.2	2.9	16.2	45.3	17.9	14.8	12.6
35-44 years	3,134	2.2	3.8	3.5	20.8	38.3	18.1	13.4	12.5
45-54 years	2,286	3.6	9.9	7.3	24.3	34.3	11.6	9.1	12.1
55 years old and over	4,144	19.3	20.2	12.9	18.7	18.1	5.1	5.8	8.8
Spanish origin [1]	**7,269**	**13.9**	**15.9**	**8.5**	**14.6**	**27.3**	**11.6**	**8.2**	**11.3**
25-29 years	1,449	6.6	12.0	5.9	17.0	31.9	16.1	10.6	12.3
30-34 years	1,296	8.3	12.2	6.9	15.5	32.0	15.7	9.4	12.2
35-44 years	1,806	8.9	14.9	7.6	15.9	29.8	13.5	9.3	12.1
45-54 years	1,235	15.5	19.4	10.1	14.7	25.7	7.8	7.0	10.0
55 years old and over	1,483	30.8	21.4	12.3	9.8	16.9	4.5	4.2	7.7

[1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, unpublished data.

NO. 219. PERCENT OF POPULATION WITH LESS THAN 5 YEARS OF SCHOOL AND WITH 4 YEARS OF HIGH SCHOOL OR MORE, BY AGE, RACE, AND SPANISH ORIGIN: 1970 TO 1984

[**Persons 25 years old and over.** As of **April 1970** and **1980**, and **March 1975** and **1984**]

RACE AND SPANISH ORIGIN	LESS THAN 5 YEARS OF SCHOOL							4 YEARS OF HIGH SCHOOL OR MORE						
				1984							1984			
	1970	1975	1980	Total	25–34 yr.	35–64 yr.	65 yr. and over	1970	1975	1980	Total	25–34 yr.	35–64 yr.	65 yr. and over
All races [1]	**5.5**	**4.2**	**3.6**	**2.8**	**1.0**	**2.2**	**6.9**	**52.3**	**62.5**	**66.5**	**73.3**	**86.5**	**75.2**	**47.7**
White	4.5	3.3	2.6	2.2	.9	1.8	5.0	54.5	64.6	68.8	75.0	87.7	77.3	50.2
Black	14.6	12.3	8.2	7.0	1.3	5.1	26.2	31.4	42.5	51.2	58.5	78.5	56.4	22.0
Spanish origin [2]	19.5	18.5	15.5	13.9	7.4	14.2	40.0	32.1	37.9	44.0	47.1	57.9	44.5	16.6
Mexican	28.5	24.6	20.1	17.6	9.2	19.1	50.3	24.2	31.0	37.6	42.0	51.6	39.4	9.1
Puerto Rican	20.5	17.4	14.1	11.6	4.1	12.3	(B)	23.4	28.7	40.1	46.8	61.2	41.4	(B)
Cuban	8.2	7.3	7.3	7.0	1.6	4.4	22.1	43.9	51.7	55.3	52.3	73.6	51.8	29.5
Other [3]	8.8	7.6	8.3	7.5	4.8	6.6	22.7	44.9	58.0	57.4	60.2	73.2	56.9	27.3

B Base too small to meet standards of reliability. [1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Includes Central or South American and other Spanish origin.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vols. I and II, *1980 Census of Population*, vol. I, chapter C, *Current Population Reports*, series P-20, No. 290; and unpublished data.

NO. 220. SCHOOL DAYS LOST ASSOCIATED WITH ACUTE CONDITIONS: 1962 TO 1981

[**Days lost per year per 100 children, ages 6–16.** Based on data collected during the periods July of the previous year to June of the year shown. Based on a sample of the civilian noninstitutionalized population; see Appendix III]

CONDITION	1962	1965	1970	1975	1980	1981				
						Total [1]	Male	Female	White	Black
All acute conditions	**521**	**456**	**452**	**451**	**487**	**468**	**419**	**518**	**471**	**425**
Infective and parasitic diseases	108	139	90	81	99	82	75	90	88	64
Respiratory conditions	342	238	264	261	282	268	246	290	273	206
Upper respiratory	174	147	147	121	118	117	105	130	114	138
Influenza and other	168	91	117	140	164	150	140	161	159	68
Digestive system conditions	14	13	24	21	22	25	19	30	23	36
Injuries	27	29	36	52	37	45	53	36	41	71
All other acute conditions	29	38	38	36	47	48	27	71	47	49

[1] Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, series 10, and unpublished data.

NO. 221. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ENROLLMENT, BY GRADE: 1960 TO 1983

[For **school year through 1965**; *thereafter, as of fall of year.* Beginning **1975**, kindergarten includes nursery schools. For 1970–1983, *totals include ungraded, postgraduates, and special classes which are not prorated among grades.* For 1960, enrollment figures are prorated and 12th grade includes postgraduates. See also *Historical Statistics, Colonial Times to 1970*, series H 420–424]

GRADE	ENROLLMENT (1,000)								PERCENT DISTRIBUTION			
	1960	1970	1975	1979	1980	1981	1982	1983	1960	1970	1980	1983
Pupils enrolled	**36,087**	**45,909**	**44,791**	**41,645**	**40,987**	**40,099**	**39,652**	**39,327**	**100.0**	**100.0**	**100.0**	**100.0**
Kindergarten and grades 1–8	**27,602**	**32,577**	**30,487**	**27,922**	**27,674**	**27,245**	**27,156**	**26,973**	**76.5**	**71.0**	**67.5**	**68.6**
Kindergarten	1,923	2,559	2,945	2,675	2,689	2,588	2,740	2,751	5.3	5.6	6.6	7.0
First	3,733	3,814	3,236	2,938	2,894	2,951	2,937	3,079	10.3	8.3	7.1	7.8
Second	3,436	3,654	3,027	2,896	2,800	2,782	2,790	2,780	9.5	8.0	6.8	7.1
Third	3,302	3,662	3,038	3,096	2,908	2,806	2,763	2,772	9.2	8.0	7.1	7.0
Fourth	3,146	3,676	3,112	3,130	3,115	2,918	2,798	2,759	8.7	8.0	7.6	7.0
Fifth	3,118	3,634	3,281	3,055	3,130	3,127	2,912	2,798	8.6	7.9	7.6	7.1
Sixth	3,070	3,599	3,476	2,999	3,038	3,180	3,142	2,930	8.5	7.8	7.4	7.4
Seventh	3,173	3,662	3,619	3,128	3,087	3,183	3,286	3,249	8.8	8.0	7.5	8.3
Eighth	2,701	3,601	3,636	3,168	3,091	3,059	3,123	3,225	7.5	7.8	7.5	8.2
Grades 9–12	**8,485**	**13,332**	**14,304**	**13,723**	**13,313**	**12,855**	**12,496**	**12,354**	**23.5**	**29.0**	**32.5**	**31.4**
Ninth	2,412	3,652	3,879	3,516	3,380	3,266	3,248	3,331	6.7	8.0	8.2	8.5
Tenth	2,258	3,457	3,723	3,527	3,375	3,217	3,137	3,104	6.3	7.5	8.2	7.9
Eleventh	2,063	3,127	3,354	3,241	3,195	3,039	2,916	2,862	5.7	6.8	7.8	7.3
Twelfth	1,752	2,774	2,986	2,969	2,925	2,907	2,787	2,680	4.8	6.0	7.1	6.8

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 222. Public Elementary and Secondary Schools—Summary: 1975 to 1985

[For school year ending in year shown, except as indicated. Data are estimates]

ITEM	Unit	1975	1978	1979	1980	1981	1982	1983	1984	1985
School districts, total	Number	16,624	16,200	16,090	16,044	15,979	15,936	15,880	15,834	15,786
ENROLLMENT										
Population 5–17 years old [1]	1,000	51,498	49,897	49,040	48,041	47,223	46,327	45,612	45,075	44,872
Percent of resident population	Percent	24.1	22.7	22.1	21.4	20.8	20.2	19.7	19.3	19.0
Fall enrollment [2]	1,000	45,135	43,724	42,733	41,778	41,021	40,117	39,690	39,421	39,373
Percent of population 5–17 years old	Percent	87.6	87.6	87.1	87.0	86.9	86.6	87.0	87.5	87.7
Elementary [3]	1,000	25,780	24,994	24,604	24,397	24,140	24,081	23,925	23,717	23,771
Secondary [4]	1,000	19,355	18,729	17,929	17,381	16,880	16,036	15,765	15,704	15,603
Average daily:										
Membership (ADM)	1,000	44,442	42,938	41,935	40,812	40,182	39,306	38,892	38,585	38,726
Attendance (ADA)	1,000	41,476	40,161	39,206	38,411	37,857	37,010	36,671	36,400	36,481
High school graduates	1,000	2,840	2,854	2,821	2,762	2,731	2,711	2,617	2,520	2,484
INSTRUCTIONAL STAFF										
Total	1,000	2,453	2,475	2,508	2,521	2,485	2,454	2,431	2,433	2,436
Classroom teachers	1,000	2,171	2,197	2,206	2,211	2,192	2,158	2,136	2,143	2,146
Average salaries:										
Instructional staff	Dollar	12,167	14,897	15,762	16,715	18,404	20,326	21,229	22,903	24,569
Classroom teachers	Dollar	11,690	14,198	15,032	15,970	17,644	19,276	20,700	21,935	23,546
REVENUES										
Revenue receipts	Mil. dol	63,047	82,146	87,800	97,635	106,405	113,824	120,471	128,332	137,573
Federal	Mil. dol	5,089	7,232	7,769	9,020	9,285	8,413	8,454	8,515	8,586
State	Mil. dol	27,472	36,369	41,524	47,929	51,560	54,844	58,006	62,025	67,389
Local	Mil. dol	30,486	38,545	38,507	40,686	45,560	50,567	54,011	57,792	61,598
Percent of revenue receipts:										
Federal	Percent	8.1	8.8	8.8	9.2	8.7	7.4	7.0	6.6	6.2
State	Percent	43.6	44.3	47.3	49.1	48.5	48.2	48.1	48.3	49.0
Local	Percent	48.4	46.9	43.9	41.7	42.8	44.4	44.8	45.0	44.8
EXPENDITURES										
Total	Mil. dol	62,340	80,935	86,808	96,105	104,969	112,722	119,512	128,422	138,117
Current expenditures (day schools)	Mil. dol	53,333	71,531	77,285	85,661	94,077	101,919	108,052	115,807	125,094
Other current expenditures [5]	Mil. dol	1,748	1,995	1,650	1,859	2,004	2,026	2,006	2,239	2,320
Capital outlay	Mil. dol	5,409	5,512	5,956	6,504	6,737	6,397	6,294	6,962	7,268
Interest on school debt	Mil. dol	1,850	1,897	1,917	2,081	2,151	2,380	3,160	3,414	3,435
Percent of total:										
Current expenditures (day schools)	Percent	85.6	88.4	89.0	89.1	89.6	90.4	90.4	90.2	90.6
Other current expenditures [5]	Percent	2.8	2.5	1.9	1.9	1.9	1.8	1.7	1.7	1.7
Capital outlay	Percent	8.7	6.8	6.9	6.8	6.4	5.7	5.3	5.4	5.3
Interest on school debt	Percent	3.0	2.3	2.2	2.2	2.0	2.1	2.6	2.7	2.5
In current dollars:										
Revenue receipts per pupil in—										
ADA	Dollar	1,520	2,045	2,239	2,542	2,811	3,075	3,285	3,526	3,771
ADM	Dollar	1,419	1,913	2,094	2,392	2,648	2,896	3,098	3,326	3,552
Current expenditures per pupil in—										
ADA	Dollar	1,286	1,781	1,971	2,230	2,485	2,754	2,947	3,182	3,429
ADM	Dollar	1,200	1,666	1,843	2,099	2,341	2,593	2,778	3,001	3,230
In constant (1982) dollars: [6]										
Revenue receipts per pupil in—										
ADA	Dollar	2,762	3,073	3,076	3,082	3,055	3,075	3,150	3,260	3,356
ADM	Dollar	2,579	2,875	2,877	2,900	2,878	2,896	2,970	3,075	3,161
Current expenditures per pupil in—										
ADA	Dollar	2,337	2,677	2,708	2,703	2,701	2,754	2,825	2,942	3,052
ADM	Dollar	2,181	2,504	2,532	2,544	2,544	2,593	2,665	2,775	2,875

[1] Estimated resident population as of July 1 of the previous year. [2] Fall enrollment of the previous year. [3] Kindergarten through grade 6. [4] Grades 7 through 12. [5] Current expenses for summer schools, adult education, post-high school vocational education, personnel retraining, etc., when operated by local school districts and not part of regular public elementary and secondary day-school program. [6] Compiled by U.S. Bureau of the Census. Deflated by the Consumer Price Index, all wage earners (for school year) supplied by U.S. National Center for Education Statistics.

Source: Except as noted, National Education Association, Washington, DC, *Estimates of School Statistics,* annual (copyright) and *Rankings of the States,* annual (copyright); and unpublished data.

No. 223. Public Elementary and Secondary School Enrollment, by State: 1975 to 1983

[Enrollment as of fall. Includes unclassified students. For composition of regions, see fig. I, inside front cover]

Region, division and state	Enrollment (1,000)			Enrollment rate [1]		
	1975	1980	1983	1975	1980	1983
U.S	**44,791**	**40,984**	**39,328**	**88.9**	**86.5**	**87.9**
Region:						
Northeast	9,667	8,213	7,513	85.1	82.3	83.1
Midwest	12,277	10,763	10,084	88.5	85.9	87.7
South	14,654	14,134	13,896	90.6	87.8	89.3
West	8,192	7,873	7,832	92.0	90.1	90.5
N. Eng	**2,557**	**2,186**	**1,952**	**89.6**	**86.6**	**86.3**
ME	251	222	210	98.0	91.5	93.3
NH	175	167	159	88.6	85.3	86.9
VT	105	96	90	90.4	87.9	90.0
MA	1,198	1,022	879	89.2	86.6	86.3
RI	176	148	136	82.8	79.7	81.0
CT	652	531	478	89.5	83.3	84.5
Mid. Atl	**7,110**	**6,026**	**5,561**	**83.6**	**80.8**	**82.0**
NY	[2] 3,406	2,871	2,675	83.1	80.8	82.6
NJ	[2] 1,458	1,246	1,148	84.7	81.5	82.9
PA	2,246	1,909	1,738	83.8	80.4	80.6
E. No. Cent	**8,774**	**7,689**	**7,175**	**88.2**	**85.6**	**87.8**
OH	2,293	1,957	1,627	89.0	84.6	86.9
IN	1,174	1,056	984	90.9	88.0	89.3
IL	2,270	1,983	1,853	85.5	82.6	83.8
MI	2,073	1,863	1,736	90.9	90.1	94.6
WI	964	830	775	84.1	82.1	83.9
W. No. Cent	**3,503**	**3,074**	**2,909**	**87.9**	**86.5**	**87.7**
MN	880	754	705	89.3	87.2	89.0
IA	612	534	497	88.3	88.4	88.8
MO	965	845	795	87.8	83.8	85.1
ND	131	117	117	82.1	85.9	86.7
SD	151	129	123	90.5	87.4	87.9
NE	316	280	267	86.5	86.6	86.4
KS	448	415	405	86.3	88.7	90.4
So. Atl	**7,102**	**6,671**	**6,442**	**90.8**	**87.4**	**89.2**
DE	127	99	91	90.4	79.5	81.3
MD	881	751	683	87.3	83.9	85.9
DC	130	100	89	87.8	91.8	94.7
VA	1,104	1,010	966	93.7	90.7	93.3
WV	404	364	371	98.6	92.6	93.5
NC	1,185	1,129	1,090	92.8	90.0	92.5
SC	630	619	605	89.8	88.1	89.9
GA	1,090	1,069	1,051	90.1	86.9	89.3
FL	1,551	1,510	1,496	88.8	84.4	84.8
E. So. Cent	**2,840**	**2,760**	**2,659**	**86.9**	**85.2**	**87.1**
KY	692	670	647	85.5	83.7	86.0
TN	677	854	822	90.5	87.8	89.9
AL	759	759	722	86.2	87.6	88.9
MS	512	477	468	84.1	79.6	81.7
W. So. Cent	**4,712**	**4,703**	**4,795**	**92.6**	**90.0**	**90.8**
AR	457	448	432	92.1	90.3	91.7
LA	847	776	782	84.7	80.3	82.5
OK	595	578	591	97.2	92.9	92.6
TX	2,813	2,900	2,990	94.5	92.4	92.7
Mt	**2,244**	**2,280**	**2,305**	**93.7**	**92.6**	**91.8**
MT	172	155	154	91.9	92.9	94.5
ID	197	203	206	96.4	95.4	94.1
WY	88	98	101	96.9	97.3	94.4
CO	569	546	542	93.6	92.2	92.3
NM	275	271	270	89.5	89.5	90.9
AZ	[2] 493	514	503	91.5	88.9	86.7
UT	310	344	379	98.6	98.2	95.2
NV	140	149	150	97.1	93.4	93.8
Pac	**5,948**	**5,593**	**5,527**	**91.4**	**88.4**	**90.0**
WA	785	758	736	93.6	91.0	91.5
OR	478	465	447	91.8	88.5	89.6
CA	4,420	4,118	4,089	91.4	88.0	90.0
AK	89	87	93	84.2	94.0	91.2
HI	176	165	162	84.8	83.4	82.7

[1] Percent of persons, 5–17 years. Based on estimated resident population as of July 1, 1975 and 1983, and enumerated resident population as of April 1, 1980. [2] Estimated.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual; and *Statistics of Public Elementary and Secondary School Systems,* annual.

No. 224. Public Elementry and Secondary Schools—Number and Enrollment, by Type and Size: 1983

[Data reported by schools, rather than States or school districts]

Enrollment size	Number of schools					Enrollment (1,000)				
	Total	Elementary	Secondary	Combined	Other [1]	Total	Elementary	Secondary	Combined	Other [1]
Total	**84,740**	**58,051**	**22,383**	**1,605**	**2,701**	**40,107**	**23,118**	**15,918**	**766**	**304**
PERCENT DISTRIBUTION										
Total [2]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 100 students	9.75	7.94	8.64	19.46	62.81	1.04	1.01	.71	1.83	18.92
100 to 299 students	25.87	28.73	18.69	19.83	27.38	11.02	14.98	5.00	8.13	32.93
300 to 499 students	28.65	34.77	15.53	20.71	4.88	23.61	34.28	8.61	17.35	13.36
500 to 699 students	17.24	18.51	15.44	17.22	1.77	21.19	27.13	12.82	21.28	7.18
700 to 999 students	10.21	7.96	16.77	12.85	1.53	17.56	16.18	19.51	22.20	8.70
1,000 to 1,499 students	5.29	1.86	14.55	7.30	.79	13.26	5.38	24.59	18.35	6.42
1,500 to 1,999 students	1.89	.22	6.43	1.75	.46	6.75	.89	15.31	6.26	5.66
2,000 or more students	1.08	[3] .02	3.92	.87	.37	5.57	.16	13.44	4.59	6.82

[1] Special education, alternative and other schools not classified by grade span. [2] For schools reporting enrollment; approximately 99 percent of the total. [3] Data are for 2,000 to 2,999 enrollment only. 3,000 or more enrollment is less than .005 percent.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics, 1986.*

No. 225. Elementary and Secondary Schools—Enrollment and Teachers, by Type of Control, 1960 to 1982, and Projections, 1985 to 1992

[**In thousands, except percent and ratio.** As of **fall** of year. Schools are classified by type of organization, rather than by grade group; elementary includes kindergarten; secondary includes junior high schools. Minus sign (−) indicates decrease]

ITEM	1960	1965	1970	1975	1980	1981	1982	1985, proj.	1990, proj.	1992, proj.
PUPILS ENROLLED										
Total	**42,181**	**48,473**	**51,272**	**49,791**	**45,949**	**45,200**	**44,743**	**43,977**	**45,069**	**46,378**
Annual percent change [1]	3.6	2.8	1.1	−.6	−1.6	−1.6	−1.0	−.6	.5	1.4
Elementary	29,150	31,570	31,553	29,340	27,779	27,519	27,565	27,181	29,907	30,885
Secondary	13,031	16,904	19,719	20,451	18,170	17,680	17,178	16,796	15,162	15,493
Public	36,281	42,173	45,909	44,791	40,987	40,099	39,643	38,977	39,869	41,078
Elementary	24,350	26,670	27,501	25,640	24,156	23,819	23,865	23,581	25,907	26,785
Secondary	11,931	15,504	18,408	19,151	16,831	16,280	15,778	15,396	13,962	14,293
Private [2]	5,900	6,300	5,363	[3] 5,000	4,962	5,100	[3] 5,100	5,000	5,200	5,300
Elementary	4,800	4,900	4,052	3,700	3,623	3,700	3,700	3,600	4,000	4,100
Secondary	1,100	1,400	1,311	1,300	1,339	1,400	1,400	1,400	1,200	1,200
CLASSROOM TEACHERS										
Total	**1,600**	**1,933**	**2,288**	**2,451**	[3] **2,439**	**2,403**	**2,401**	**2,413**	**2,527**	**2,624**
Annual percent change [1]	4.5	3.9	3.4	1.4	−.1	−1.5	−.1	.2	.9	1.9
Elementary	991	1,112	1,281	1,352	1,365	1,349	1,362	1,371	1,550	1,618
Secondary	609	822	1,007	1,099	1,074	1,054	1,039	1,042	977	1,006
Public	1,408	1,710	2,055	2,196	2,162	2,117	[4] 2,110	2,119	2,209	2,299
Elementary	858	965	1,128	1,180	1,177	1,155	1,165	1,174	1,321	1,379
Secondary	550	746	927	1,016	985	962	945	945	888	920
Private	192	223	233	[3] 255	277	286	291	294	318	325
Elementary	133	147	153	172	188	194	197	197	229	239
Secondary	59	76	80	83	89	92	94	97	89	86
PUPIL-TEACHER RATIO										
Public: Elementary	28.4	27.6	24.4	21.7	20.5	20.6	20.5	20.1	19.6	19.4
Secondary	21.7	20.8	19.9	18.8	17.1	16.9	16.7	16.3	15.7	15.5
Private: Elementary	36.1	33.3	26.5	21.5	19.3	19.1	18.8	18.3	17.5	17.2
Secondary	18.6	18.4	16.4	15.7	15.0	15.2	14.9	14.4	13.5	14.0

[1] Average from prior year shown; for 1960, from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Data for 1970 and later years have been revised since originally published. [3] Estimated. [4] Preliminary.

Source: U.S. National Center for Education Statistics, Projections of Education Statistics, biennial; Digest of Education Statistics, annual, and unpublished data.

No. 226. Public Elementary and Secondary Schools—Classroom Teachers by Degree Held, 1973 to 1983, and by Experience, 1978 and 1983

[As of **spring.** Based on sample and subject to sampling variability]

DEGREE AND EXPERIENCE	1973		1978			1983				
	Elementary	Secondary	Elementary	Junior High [1]	Senior High	Elementary	Junior High [1]	Senior High	Men	Women
Percent, highest degree held:										
Less than bachelor's	2.2	.7	.5	–	.2	(NA)	(NA)	(NA)	(NA)	(NA)
Bachelor's	72.4	59.1	60.6	49.5	46.6	51.4	47.2	42.9	38.4	52.1
Masters	23.3	37.0	36.5	46.2	48.0	44.7	47.6	49.2	54.1	43.0
Professional degree, 6 years	2.2	3.1	2.4	3.8	4.1	3.7	4.9	7.4	6.6	4.7
Doctorate	–	.1	–	.5	1.1	.1	.3	.4	.8	.2
Percent with teaching experience of—										
1–2 years	(NA)		7.7	8.6	5.5	3.8	2.9	2.9	1.4	4.1
3–4 years			11.3	11.0	11.2	6.7	4.6	3.6	3.9	5.7
5–9 years			28.8	31.1	24.7	23.4	24.1	19.1	18.4	24.4
10–14 years			20.2	17.7	24.3	21.6	30.3	28.0	26.7	25.3
15–19 years			12.6	15.3	15.3	18.2	14.0	19.1	19.2	16.5
20 years or more			19.4	16.3	19.0	26.3	24.1	27.4	30.3	24.0
Median [2] (years)			10	9	11	13	13	14	14	13

– Represents or rounds to zero. NA Not available. [1] Includes middle schools. [2] For definition of median, see Guide to Tabular Presentation.

Source: National Education Association, Washington, DC, *Nationwide Teacher Opinion Poll,* 1973, 1978 and 1983. (Copyright 1973, 1978 and 1983 by the National Education Association. All rights reserved.)

No. 227. Public Elementary and Secondary Schools—Number and Average Salary of Classroom Teachers, 1960 to 1985, and by State, 1985

[Estimates for school year ending in **June** of year shown. Schools classified by type of organization rather than by grade-group; elementary includes kindergarten]

Year and state	Teachers[1] (1,000)			Avg. salary ($1,000)		
	Total	Elementary	Secondary	All teachers	Elementary	Secondary
1960	1,355	834	521	5.0	4.8	5.3
1965	1,648	940	708	6.2	6.0	6.5
1970	2,008	1,109	899	8.6	8.4	8.9
1974	2,133	1,152	986	10.8	10.5	11.1
1975	2,171	1,169	1,001	11.7	11.3	12.0
1976	2,191	1,170	1,021	12.6	12.3	12.9
1977	2,186	1,176	1,011	13.4	13.0	13.8
1978	2,197	1,176	1,020	14.2	13.9	14.6
1979	2,206	1,193	1,013	15.0	14.7	15.4
1980	2,211	1,206	1,005	16.0	15.6	16.5
1981	2,192	1,196	996	17.6	17.2	18.1
1982	2,158	1,188	970	19.3	18.8	19.9
1983	2,136	1,176	960	20.7	20.2	21.3
1984	2,143	1,177	966	21.9	21.5	22.6
1985, U.S	**2,146**	**1,184**	**961**	**23.5**	**23.1**	**24.3**
AL	36.1	18.6	17.5	20.2	20.2	20.2
AK	6.1	3.8	2.3	39.8	39.5	39.9
AZ	25.9	18.7	7.2	23.4	23.2	23.7
AR	24.1	11.8	12.3	18.9	18.4	19.5
CA	175.1	107.0	68.1	26.3	26.2	27.9
CO	28.8	15.3	13.5	24.5	24.2	24.8
CT	32.5	18.9	13.6	24.5	24.3	24.9
DE	5.5	2.6	2.9	23.3	22.7	23.8
DC	5.8	3.5	2.3	28.6	28.6	28.7
FL	86.2	48.2	38.0	21.1	21.4	20.6
GA	56.3	34.4	21.9	20.5	21.4	21.0
HI	8.1	4.5	3.7	24.6	24.6	24.6
ID	10.2	5.3	4.8	19.7	19.0	20.5
IL	100.5	65.6	34.9	25.8	24.8	27.8
IN	49.6	24.8	24.8	23.1	22.7	23.5
IA	30.3	14.0	16.3	20.9	20.1	21.6
KS	26.3	14.7	11.5	21.2	21.1	21.3
KY	32.4	21.0	11.4	20.1	20.1	20.1
LA	41.7	27.6	14.1	19.7	19.4	20.2
ME	12.5	8.2	4.3	18.3	17.8	19.2
MD	37.7	17.4	20.3	25.9	24.7	26.3
MA	56.3	21.3	35.1	24.1	23.8	24.4
MI	79.9	42.5	37.4	28.4	28.2	28.7
MN	39.4	19.0	20.4	25.9	25.0	26.8
MS	24.8	13.4	11.3	16.0	15.7	16.3
MO	47.2	23.7	23.5	20.5	19.8	21.1
MT	9.8	6.7	3.0	21.7	21.1	22.8
NE	17.5	9.3	8.2	20.2	19.3	21.0
NV	7.5	4.1	3.4	22.5	22.1	23.0
NH	10.1	5.4	4.7	18.6	18.6	18.5
NJ	72.9	41.9	31.0	25.1	24.6	25.7
NM	14.2	8.0	6.2	22.1	21.3	22.8
NY	164.9	76.2	88.7	29.0	28.5	30.0
NC	56.1	32.9	23.2	20.7	20.6	20.8
ND	7.3	4.6	2.7	19.9	19.6	20.3
OH	94.4	50.8	43.6	22.7	22.2	23.4
OK	35.0	18.3	16.7	18.9	18.4	19.5
OR	24.4	14.3	10.2	24.9	24.4	25.8
PA	101.2	47.7	53.4	24.4	24.3	24.6
RI	7.5	3.7	3.8	27.4	27.5	28.1
SC	33.3	21.3	12.1	19.8	19.2	20.6
SD	8.0	5.4	2.6	17.4	17.3	17.5
TN	40.0	25.2	14.8	20.1	20.0	20.2
TX	172.6	95.8	76.9	22.6	22.0	23.4
UT	16.2	10.0	6.2	21.3	20.7	22.4
VT	6.2	2.8	3.4	19.0	18.5	19.4
VA	56.9	33.0	23.9	21.5	20.8	22.5
WA	35.2	18.9	16.3	25.6	25.2	26.1
WV	22.6	12.4	10.1	19.6	19.5	19.6
WI	45.4	25.1	20.3	24.8	24.2	25.2
WY	7.0	4.7	2.3	26.7	26.2	27.8

[1] Full-time equivalent.

Source: National Education Association, Washington, DC, *Estimates of School Statistics, 1984-85.* (Copyright © 1985 by the National Education Association. All rights reserved.)

No. 228. Average Starting Salaries of Public School Teachers Compared With Salaries in Private Industry, by Position: 1975 to 1983

[For school year ending in year shown. Salaries based on offers to graduates by approximately 200 companies; based on offers made to students in November of prior year who will graduate in June of year shown]

Position	1975[1]	1976	1977	1978	1979	1980	1981	1982	1983
Teachers[2]	$8,233	$8,768	$9,200	$9,739	$10,138	$10,764	$11,758	$12,769	(NA)
College graduates:									
Engineering	11,940	13,236	13,980	15,606	17,172	18,528	20,136	22,368	25,428
Accounting	11,472	11,712	12,396	13,056	13,992	14,784	15,720	16,980	18,648
Sales—marketing	10,080	11,220	11,316	12,084	12,420	15,072	15,936	17,220	18,372
Business administration	9,324	9,948	10,224	11,556	12,516	13,440	14,100	16,200	17,448
Liberal arts	8,940	9,696	10,020	11,004	11,952	12,696	13,296	15,444	15,924
Chemistry	11,160	11,640	12,384	14,088	15,036	16,200	17,124	19,536	21,492
Mathematics—statistics	10,440	11,004	11,928	12,756	13,872	16,692	17,604	18,600	21,516
Economics—finance	10,104	10,404	10,644	11,424	12,408	13,740	14,472	16,884	17,532
Computer sciences	(NA)	(NA)	(NA)	13,188	14,400	16,500	17,712	20,364	22,260
Other fields	10,368	10,956	11,820	13,476	13,560	16,224	17,544	20,028	22,716
INDEX (1975=100)									
Teachers[2]	100	107	112	118	123	131	143	155	(NA)
College graduates:									
Engineering	100	111	117	131	144	155	169	187	213
Accounting	100	102	108	114	122	129	137	148	163
Sales—marketing	100	111	112	120	123	150	158	171	182
Business administration	100	107	110	124	134	144	151	174	187
Liberal arts	100	109	112	123	134	142	149	173	178
Chemistry	100	104	111	126	135	145	153	175	193
Mathematics—statistics	100	105	114	122	133	160	169	178	206
Economics—finance	100	103	105	113	123	136	143	167	174
Other fields[3]	100	106	114	130	131	157	169	193	219

NA Not available. [1] Male graduates. [2] Minimum mean salary for those with a bachelor's degree. [3] Excludes computer sciences.

Source: National Education Association, Washington, DC, *Prices, Budgets, Salaries and Income,* February 1983. (Copyright © 1983 by the National Education Association. All rights reserved.)

No. 229. Public School Employment, by Occupation, Sex, and Race: 1974 and 1980

[In thousands. Covers full-time employment. Excludes Hawaii and District of Columbia and, in 1980 New Jersey, Los Angeles, and New York. Based on sample survey of school districts with 250 or more students; see source for sampling variability]

Occupation	1974					1980				
	Total	Male	Female	White [1]	Black [1]	Total	Male	Female	White [1]	Black [1]
All occupations	**3,452**	**1,231**	**2,221**	**2,906**	**433**	**3,401**	**1,173**	**2,227**	**2,809**	**441**
Officials, administrators	39	33	6	36	2	43	34	9	38	3
Principals and assistant principals	107	91	16	95	11	96	79	17	82	11
Classroom teachers [2]	1,995	679	1,316	1,754	199	1,887	670	1,217	1,639	192
Elementary schools	987	165	822	854	111	850	137	713	720	100
Secondary schools	885	481	405	796	72	864	492	371	772	71
Other professional staff	226	75	151	196	24	233	71	162	198	26
Teachers aides [3]	220	16	204	149	49	288	16	272	209	53
Clerical, secretarial staff	215	5	210	192	16	220	4	216	189	19
Service workers [4]	649	331	319	485	131	634	299	335	454	136

[1] Excludes individuals of Spanish origin. [2] Includes other classroom teachers, not shown separately.
[3] Includes technicians. [4] Includes craftworkers and laborers.

Source: U.S. Equal Employment Opprtunity Commission, *Elementary-Secondary Staff Information (EEO-5)*, biennial.

No. 230. Average Salary and Wages in Public School Systems, by Selected Positions: 1975 to 1985

[In dollars. For school year ending in year shown. Data reported by a stratified sample of school systems enrolling 300 or more pupils. Data represent unweighted means of average salaries paid school personnel reported by each school system]

Position	1975	1978	1979	1980	1981	1982	1983	1984	1985
ANNUAL SALARY									
Central office administrators:									
Superintendent (contract salary)	30,338	34,875	36,924	39,344	43,001	46,664	50,260	52,483	56,954
Deputy/Assoc. superintendent	30,074	33,391	34,898	37,440	41,117	44,777	47,404	48,507	52,877
Assistant superintendent	26,460	29,719	31,513	33,452	36,633	39,799	42,194	43,983	48,003
Administrators for:									
Finance and business	21,850	24,763	25,892	27,147	30,407	32,967	34,987	36,909	40,344
Instructional services	22,608	26,633	28,149	29,790	33,193	35,973	38,018	39,580	43,452
Public relations/information	21,470	21,848	22,694	24,021	26,514	28,506	30,720	32,203	35,287
Staff personnel services	21,470	25,782	28,149	29,623	32,552	35,192	38,201	39,857	44,182
Subject area supervisors	18,601	21,318	23,038	23,974	26,640	29,083	30,905	31,537	34,422
School building administrators:									
Principals:									
Elementary	19,061	22,132	23,618	25,165	27,923	30,242	32,451	34,033	36,452
Junior high/Middle	21,136	24,235	25,910	27,625	30,401	32,881	34,996	36,779	39,650
Senior high	22,894	25,642	27,422	29,207	32,231	34,776	37,602	39,334	42,094
Assistant principals:									
Elementary	15,968	18,778	19,827	20,708	23,118	25,331	27,419	28,087	30,496
Junior high/Middle	17,868	20,682	23,171	23,507	26,045	28,176	29,746	31,257	33,793
Senior high	18,939	21,680	23,222	24,816	27,285	29,566	31,252	32,655	35,491
Classroom teachers	11,507	13,941	14,899	15,913	17,678	19,275	20,809	22,039	23,587
Auxiliary professional personnel:									
Counselors	14,479	16,641	17,698	18,847	21,003	22,935	24,547	25,759	27,593
Librarians	12,546	14,739	15,727	16,764	18,689	20,496	22,040	23,173	24,981
School nurses	10,673	12,357	13,113	13,788	15,355	16,704	17,690	18,310	19,944
Secretarial/clerical personnel:									
Central office:									
Secretaries/stenographers	7,318	9,023	9,553	10,331	11,568	12,718	13,639	14,366	15,343
Accounting/payroll clerks	7,588	9,180	9,744	10,479	11,688	12,720	13,676	14,522	15,421
Clerk-typists	6,089	7,397	7,863	8,359	9,350	10,314	10,930	11,561	12,481
School building level:									
Secretaries/stenographers	6,046	7,328	7,772	8,348	9,357	10,301	11,004	11,613	12,504
Library clerks	5,052	5,970	6,449	6,778	7,573	8,272	8,467	8,989	9,911
HOURLY SALARY									
Other support personnel:									
Teacher aides:									
Instructional	2.91	3.51	3.77	4.06	4.48	4.88	5.28	5.48	5.89
Noninstructional	2.81	3.34	3.57	3.89	4.29	4.70	5.01	5.22	5.60
Custodians	3.54	4.25	4.53	4.88	5.35	5.95	6.23	6.49	6.90
Cafeteria workers	2.61	3.24	3.48	3.78	4.17	4.57	4.87	5.09	5.42
Bus drivers	3.75	4.59	4.93	5.21	5.75	6.26	6.56	6.89	7.27

Source: Educational Research Service, Inc., Arlington, VA, *Measuring Changes in Salaries and Wages in Public Schools: 1985 Edition.* (All rights reserved. Copyright.) Based on data published in ERS *National Survey of Salaries and Wages in Public Schools* for the appropriate years.

NO. 231. PUBLIC ELEMENTARY AND SECONDARY SCHOOL PRICE INDEXES: 1975 TO 1984

[1975=100. For years ending **June 30.** Reflects prices paid by public elementary-secondary schools. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	Index, total	Average annual percent change [1]	PERSONNEL COMPENSATION				CONTRACTED SERVICES, SUPPLIES, AND EQUIPMENT						
			Total	Professional salaries	Nonprofessional salaries	Fringe benefits	Total	Services	Supplies and materials	Equipment replacement	Library materials and textbooks	Utilities	Fixed costs
1975	100	(x)	100	100	100	100	100	100	100	100	100	100	100
1976	109	8.6	109	108	107	118	109	107	108	110	112	111	113
1977	116	6.8	116	113	114	137	117	114	113	116	116	123	128
1978	124	6.8	123	120	122	149	127	121	119	124	126	135	142
1979	135	9.2	135	128	131	184	138	128	131	135	131	156	160
1980	148	9.0	145	137	140	209	157	139	148	148	138	204	179
1981	166	12.2	162	152	155	243	178	153	165	164	143	258	200
1982	182	9.7	179	166	170	280	193	169	174	178	151	285	218
1983	193	6.6	192	179	180	307	197	179	172	186	166	279	231
1984	205	5.9	205	189	188	342	205	190	176	192	178	274	248

X Not applicable. [1] Change from immediate prior year shown.

Source: U.S. National Institute of Education, *Inflation Measure for Schools and Colleges, 1983;* beginning 1983, Research Associates of Washington, Washington, DC, *School Price Index,* annual.

NO. 232. FINANCES OF PUBLIC SCHOOL SYSTEMS, 1980 TO 1983, AND BY ENROLLMENT-SIZE GROUP, 1983

[**In millions of dollars, except percent.** Except for 1982, data are estimates subject to sampling variability. For details, see source. Minus sign (–) indicates decrease. See also Appendix III]

ITEM	1980, all school systems	1982, all school systems	1983, BY ENROLLMENT-SIZE GROUP						
			All school systems		Over 50,000	25,000 to 50,000	15,000 to 24,999	7,500 to 14,999	Under 7,500
			Total	Percent change [1]					
General revenue [2]	**101,970**	**118,298**	**124,241**	**5.0**	**22,264**	**11,099**	**10,276**	**19,643**	**60,959**
Intergovernmental	56,279	63,581	66,005	3.8	12,711	6,585	5,755	10,563	30,391
From Federal government	1,645	1,251	1,324	5.8	305	122	117	220	560
From States	53,088	60,684	62,933	3.7	12,269	6,295	5,549	10,141	28,678
Federal aid distributed by State governments	7,459	7,020	6,871	–2.1	1,684	662	496	996	3,033
From local governments	1,547	1,646	1,748	6.2	136	168	89	201	1,153
From own sources	45,692	54,717	58,236	6.4	9,553	4,514	4,522	9,080	30,567
Taxes	29,212	35,532	38,635	8.7	4,734	2,940	2,779	5,986	22,195
Property	28,089	34,400	37,433	8.8	4,444	2,829	2,709	5,807	21,643
Contribution from parent government	8,809	9,456	10,046	6.2	3,631	653	813	1,440	3,510
Charges and miscellaneous	7,670	9,729	9,555	–1.8	1,188	921	930	1,653	4,864
Current charges	4,417	5,157	5,665	9.9	658	568	609	1,006	2,823
School lunch sales	2,003	2,299	2,358	2.6	314	217	191	409	1,226
Interest earnings	1,764	2,720	2,264	–16.8	260	188	164	360	1,291
Other	1,489	1,853	1,625	–12.3	269	165	156	287	748
General expenditure [2]	**100,532**	**114,990**	**122,093**	**6.2**	**21,758**	**11,314**	**10,250**	**19,433**	**59,338**
Intergovernmental	470	507	454	–10.5	52	10	7	72	313
Direct	100,063	114,483	121,639	6.3	21,705	11,304	10,243	19,361	59,026
Current operation	90,589	105,400	112,151	6.4	20,350	10,284	9,342	17,879	54,297
Salaries and wages	61,944	71,886	76,437	6.3	14,325	7,266	6,505	12,403	35,938
Capital outlay	7,517	6,879	7,160	4.1	1,067	804	679	1,090	3,519
Construction	5,226	4,392	4,345	–1.1	579	556	412	697	2,101
Interest on debt	1,957	2,204	2,328	5.6	289	216	222	392	1,208
Direct expenditure by level of instruction:									
Elementary and secondary	92,113	105,023	112,026	6.7	20,745	9,887	8,713	17,519	55,162
Higher education	5,993	7,256	7,285	.4	671	1,202	1,307	1,450	2,654
Debt outstanding [3]	**36,685**	**35,955**	**36,212**	**.7**	**4,630**	**3,576**	**3,335**	**5,911**	**18,760**
Long-term	35,405	34,367	34,583	.6	4,578	3,440	3,281	5,631	17,652
Short-term	1,280	1,588	1,629	2.6	52	136	54	280	1,108
Long-term debt issued	2,961	2,200	3,943	79.2	523	423	321	594	2,081
Long-term debt retired	2,997	3,072	3,698	20.4	612	290	292	569	1,935
Cash, security holdings, excl. employee-retirement [3]	16,733	19,334	20,235	4.7	2,649	1,910	1,893	2,987	10,796

[1] Change from 1982. [2] Excludes interschool system transactions. [3] As of end of fiscal year.

Source: U.S. Bureau of the Census, *Finances of Public School Systems,* series GF, No. 10 annual, and *1982 Census of Governments,* vol. 4, No. 1.

NO. 233. PUBLIC ELEMENTARY AND SECONDARY SCHOOL FINANCES, 1970 TO 1985, AND BY STATE, 1985

[In millions of dollars, except as noted. Data are estimates. For school years ending in June of year shown]

YEAR AND STATE	RECEIPTS						EXPENDITURES					
	Total	Revenue receipts				Non-revenue receipts	Total [1]	Per capita [2] (dol.)	Current expenditures			Capital outlay
		Total	Source						Elem. and secondary day schools	Average per pupil in ADA [3]		
			Federal	State	Local					Amount (dol.)	Rank	
1970	41,621	38,192	2,767	15,628	19,797	3,429	39,091	194	32,683	773	(X)	4,158
1975	66,319	63,047	5,089	27,472	30,486	3,273	62,340	292	53,333	1,286	(X)	5,409
1980	101,724	97,635	9,020	47,929	40,686	4,089	96,105	428	85,661	2,230	(X)	6,504
1981	110,342	106,405	9,285	51,560	45,560	3,937	104,969	462	94,077	2,485	(X)	6,737
1982	117,623	113,824	8,413	54,844	50,567	3,798	112,722	491	101,919	2,754	(X)	6,397
1983	125,041	120,471	8,454	58,006	54,011	4,570	119,512	516	108,052	2,947	(X)	6,294
1984	132,387	128,332	8,515	62,025	57,792	4,055	128,422	549	115,807	3,182	(X)	6,962
1985, total	**141,565**	**137,573**	**8,586**	**67,389**	**61,598**	**3,992**	**138,117**	**585**	**125,094**	**3,429**	(X)	**7,268**
AL	1,712	1,632	195	1,182	255	80	1,708	428	1,535	2,241	49	150
AK	707	683	20	502	162	24	690	1,380	599	6,867	1	45
AZ	1,529	1,529	160	801	568	-	1,490	488	1,306	2,801	40	127
AR	1,080	1,072	118	635	320	8	1,022	435	946	2,344	47	50
CA	14,885	14,815	1,011	9,938	3,866	70	14,787	577	13,652	3,291	26	450
CO	2,084	2,039	80	820	1,139	45	1,878	591	1,718	3,398	24	100
CT	2,131	2,130	106	851	1,173	(Z)	2,131	676	1,979	4,477	6	92
DE	403	393	31	273	89	11	376	613	350	4,155	7	12
DC	384	384	44	-	341	-	381	612	364	4,753	5	7
FL	5,803	5,725	413	3,061	2,251	78	5,313	484	4,797	3,409	[4] 21	459
GA	2,896	2,844	269	1,430	1,145	52	2,912	499	2,633	2,692	42	254
HI	580	580	52	527	2	-	578	556	545	3,596	17	16
ID	512	502	34	325	143	10	499	499	456	2,290	48	26
IL	6,771	6,614	441	2,488	3,685	157	6,011	522	5,638	3,517	18	213
IN	2,929	2,855	120	1,524	1,211	74	3,436	625	2,371	2,638	44	166
IA	1,723	1,687	92	708	887	36	1,666	573	1,567	3,409	[4] 21	82
KS	1,536	1,512	69	681	761	25	1,532	628	1,336	3,668	16	126
KY	1,766	1,691	171	1,161	359	75	1,756	472	1,628	2,792	41	83
LA	2,425	2,347	226	1,254	867	78	2,214	496	2,018	2,821	38	120
ME	640	625	48	319	259	15	640	554	591	3,038	33	24
MD	2,687	2,683	152	1,084	1,446	4	2,628	604	2,471	4,101	8	106
MA	3,439	3,433	191	1,460	1,783	6	3,384	584	3,095	3,889	13	194
MI	6,067	6,010	254	2,034	3,721	57	6,056	667	5,506	3,434	20	163
MN	2,636	2,593	106	1,347	1,140	43	2,472	594	2,235	3,408	23	128
MS	1,049	1,021	182	579	260	28	1,025	395	961	2,205	50	49
MO	2,385	2,339	145	871	1,323	45	2,266	452	2,136	2,993	35	71
MT	635	616	56	277	283	20	626	760	551	3,968	11	58
NE	840	825	45	232	548	15	833	519	785	3,128	31	27
NV	469	460	18	182	260	8	465	510	420	2,998	34	30
NH	495	493	16	40	438	1	456	467	428	2,964	36	20
NJ	5,810	5,722	195	2,289	3,239	87	5,507	733	5,298	5,220	3	60
NM	911	893	99	691	103	17	1,042	732	812	3,278	28	181
NY	13,150	12,583	501	5,422	6,660	567	13,100	739	12,187	5,226	2	474
NC	2,798	2,788	288	1,714	786	11	2,728	442	2,631	2,588	45	97
ND	359	352	25	210	118	7	400	583	365	3,249	30	29
OH	6,500	6,100	310	2,600	3,190	400	5,865	545	5,550	3,315	25	160
OK	2,096	1,986	146	1,220	620	110	2,017	612	1,800	3,264	29	176
OR	1,723	1,720	84	499	1,136	3	1,711	640	1,639	3,963	12	38
PA	7,415	6,846	222	3,107	3,517	568	7,014	589	6,206	4,002	10	236
RI	500	500	21	184	295	-	507	527	494	4,097	9	5
SC	1,864	1,744	121	1,095	528	120	1,715	520	1,507	2,650	43	137
SD	365	365	39	98	228	1	366	518	328	2,813	39	27
TN	2,091	1,958	193	976	789	133	2,005	425	1,801	2,349	46	121
TX	11,013	10,363	813	4,723	4,827	650	11,125	696	9,495	3,287	27	1,244
UT	1,055	1,003	54	545	403	52	1,021	618	802	2,182	51	166
VT	345	339	21	113	205	6	333	628	314	3,783	15	7
VA	3,140	3,060	211	1,365	1,485	80	3,031	538	2,736	3,043	32	100
WA	2,666	2,626	149	1,968	508	40	2,798	643	2,370	3,437	19	288
WV	1,139	1,137	104	724	310	2	1,057	541	962	2,866	37	53
WI	2,787	2,761	107	1,090	1,565	26	2,934	616	2,718	3,880	14	96
WY	642	592	22	170	400	50	611	1,196	460	4,809	4	125

- Represents zero. X Not applicable. Z Less than $500,000. [1] Includes interest on school debt and other current expenditures not shown separately. [2] Based on Bureau of the Census estimated resident population, as of July 1, the previous year. [3] Average daily attendance. [4] Florida and Iowa share the same rank of 21, therefore the number 22 is omitted in order for the States and the District of Columbia to total 51.

Source: National Education Association, Washington, DC, *Estimates of School Statistics*, annual (copyright), and unpublished data.

NO. 234. PUBLIC SCHOOL PUPIL TRANSPORTATION: 1950 TO 1982

[Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series H 531-534]

ITEM	Unit	1950	1960	1968	1970	1974	1976	1978	1980	1982 [1]
Pupils transported at public expense [1]	Million	6.9	12.2	17.1	18.2	21.3	21.8	21.8	21.5	21.2
Percent of pupils in ADA [1]	Percent	27.7	37.6	42.0	43.4	51.5	52.8	54.4	56.1	57.2
Expenditure of public funds [2]	Mil. dol	215	486	981	1,219	1,858	2,377	2,731	3,833	4,822
Cost per pupil transported [1]	Dollars	31	40	57	67	87	109	125	179	227

[1] Prior to 1960 based on enrollment; thereafter, average daily attendance (ADA). [2] Excludes capital outlay.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 235. PUBLIC ELEMENTARY AND SECONDARY STUDENTS IN EDUCATIONAL PROGRAMS FOR THE HANDICAPPED, BY TYPE OF HANDICAP: 1977 TO 1984

[In thousands, except percent. For school year ending in year shown. **For persons 3 to 21 years old]**

TYPE OF HANDICAP	1977	1978	1979	1980	1981	1982	1983	1984
All conditions	**3,692**	**3,751**	**3,889**	**4,005**	**4,142**	**4,198**	**4,255**	**4,298**
PERCENT DISTRIBUTION								
Learning disabled	21.5	25.7	29.1	31.9	35.3	38.6	40.9	42.0
Speech impaired	35.3	32.6	31.2	29.6	28.2	27.0	26.6	26.2
Mentally retarded	26.0	24.9	23.2	21.7	20.0	18.7	17.8	16.9
Emotionally disturbed	7.6	7.7	7.7	8.2	8.4	8.1	8.3	8.4
Hard of hearing and deaf	2.4	2.3	2.2	2.0	1.9	1.8	1.7	1.7
Orthopedically handicapped	2.3	2.3	1.8	1.6	1.4	1.4	1.3	1.3
Other health impaired	3.8	3.6	2.7	2.6	2.4	1.9	1.2	1.2
Visually handicapped	1.0	.9	.8	.8	.8	.7	.7	.7
Multihandicapped	(NA)	(NA)	1.3	1.5	1.6	1.7	1.5	1.5
Deaf-blind	(NA)	(NA)	.1	.1	.1	.1	.1	.1

NA Not available.

Source: U.S. National Center for Education Statistics, *Condition of Education*, annual.

NO. 236. SCHOOL LIBRARY MEDIA CENTERS (LMC)—EXPENDITURES, COLLECTION SIZE AND MICROCOMPUTERS, BY SELECTED CHARACTERISTIC: 1984

[For school year ending in **June.** Based on sample survey of approximately 33,000 school library subscribers to *The School Library Journal*. Except as indicated, figures are medians. For composition of regions, see inside front cover]

CHARACTERISTIC	PER PUPIL EXPENDITURES (dol.)			COLLECTION SIZE				MICRO-COMPUTERS [1]	
				Books		Audio-visual			
	Books	Peri-odicals	Audio-visual material	Total	Per pupil	Total	Per pupil	Total	In LMC's
Level of school:									
Elementary	3.78	.81	1.76	8,000	17	1,026	2.64	8.1	2.5
Junior high	3.91	1.26	2.09	10,000	14	1,174	1.83	14.8	2.8
Senior high	4.70	1.75	2.14	11,712	14	1,000	1.50	26.9	2.2
Other	4.54	1.22	1.73	8,500	16	1,000	1.99	14.9	2.6
School enrollment:									
Less than 300 students	6.79	1.73	2.44	5,906	26	600	2.86	8.2	2.2
300 to 499 students	4.30	1.09	1.79	7,300	18	847	2.26	7.9	2.4
500 to 699 students	3.77	1.07	1.96	9,200	16	1,165	2.02	12.1	2.7
700 to 999 students	3.70	.97	1.84	10,825	13	1,360	1.68	16.7	2.9
1,000 to 1,999	3.95	1.20	1.68	14,915	12	2,000	1.50	29.1	2.4
Over 2,000 students	2.87	1.16	1.74	23,275	10	2,650	1.05	68.4	2.1
Region of school:									
Northeast	11.45	1.25	2.25	9,800	18	1,012	1.84	21.3	2.4
Midwest	8.04	.96	1.54	8,855	14	1,485	2.30	12.4	2.4
South	11.07	1.50	2.25	9,443	17	900	1.84	15.9	2.7
West	9.70	1.58	1.72	8,500	16	829	1.54	15.8	2.4
Control of school:									
Public	(NA)	(NA)	1.90	9,017	15	1,100	2.00	15.7	2.5
Private	(NA)	(NA)	1.94	8,038	21	446	1.43	12.9	2.3
Schools:									
With district media coordinator	(NA)	(NA)	(NA)	9,810	16	1,435	2.35	14.5	2.6
With no district media coordinator	(NA)	(NA)	(NA)	8,500	16	846	1.61	16.2	2.4

NA Not available. [1] Mean number of micros in schools with micros.

Source: R. R. Bowker, New York, NY, "Expenditures for Resources in School Library Media Centers FY 1983-84," by Marilyn L. Miller and Barbara B. Moran, *School Library Journal*, May 1985. (Copyright.)

NO. 237. MICROCOMPUTERS FOR STUDENT INSTRUCTION IN ELEMENTARY AND SECONDARY SCHOOLS: 1981 TO 1984

[As of **fall** for public schools; as of **mid-winter** of the previous year for private schools. Public school data based on surveys of every school district and all public schools. Private school data based on surveys of all Catholic and private schools. For details, see source]

ITEM	1981	1982	1983	1984	ITEM	1984			
						Schools with micros	Micros [1]	Micros per school [1]	Students per micro [2]
Public schools, total [3]	**84,225**	**82,422**	**81,506**	**81,100**	Public schools	69,003	569,825	8.3	[4] 63.5
Percent using micros	18.2	30.0	68.4	85.1	Elementary schools	41,901	215,393	5.1	79.3
Elementary schools	53,268	51,940	51,277	50,967	Junior high schools	9,114	100,331	11.0	61.2
Percent using micros	11.1	20.2	62.4	82.2	Senior high schools	14,340	228,726	16.0	51.5
Junior high schools	10,106	9,926	9,846	9,791	K-12/special schools	3,648	25,375	7.0	[4] 45.8
Percent using micros	25.6	39.8	80.5	93.1					
Senior high schools	15,589	15,297	15,211	15,152	Private schools	12,931	62,158	4.8	56.2
Percent using micros	42.7	57.8	86.1	94.6	Elementary schools	8,342	29,263	3.5	66.3
					Junior high schools	*95*	*420*	*4.4*	
Private schools, total	(NA)	(NA)	**22,824**	**24,409**	Senior high schools	1,980	17,993	9.1	47.4
Percent using micros	(NA)	(NA)	23.8	53.0	K-12/special schools	2,514	14,482	5.8	

NA Not available. [1] Includes estimates for schools not reporting number of micros. [2] For schools reporting number of micros. [3] Excludes other schools not shown separately. [4] Excludes special, adult, and vocational schools.

Source: Market Data Retrieval, Westport, CT, *Microcomputers in Schools, 1984-85.* (Copyright.)

NO. 238. USE OF MICROCOMPUTERS IN ELEMENTARY AND SECONDARY SCHOOLS, BY REGION: 1982-1983

[Based on a probability sample of 2,209 public, private and parochial schools between November 1982 and March 1983. Elementary includes schools with grades K-6 or K-8; secondary includes all other. For details, contact source. For composition of regions, see fig. I inside front cover]

ITEM	ELEMENTARY					SECONDARY				
	Total	Northeast	Midwest	South	West	Total	Northeast	Midwest	South	West
Percent with one or more micros	42	44	47	28	51	77	85	81	67	76
Among owners—										
Number [1] of micros	2	2	2	2	2	5	7	3	4	5
Ratio [1] of students per micro	183	200	182	330	100	125	108	139	166	100
Percent [1] of students using micro [2]	16	12	25	13	26	13	13	14	9	16
Number [1] of minutes of use per student [3]	24	34	23	22	20	51	54	48	48	60
Percent reporting "intensive use" of micros for—										
Drill and practice	19	16	16	28	19	11	8	8	17	9
Programming instruction	21	33	20	19	17	51	54	47	44	64
By—"Above-Average" students	30	18	32	37	31	34	39	34	29	40
"Average" students	12	3	10	20	18	12	17	10	13	6
"Below Average" students	15	4	20	14	15	9	8	9	11	8

[1] Median. For definition, see Guide to Tabular Presentation. [2] During an average week. [3] Per student user per week.

Source: Center for Social Organization of Schools, The Johns Hopkins University, Baltimore, MD, *"School Uses of Microcomputers: Reports from a National Survey,"* 1983-84, and unpublished data.

NO. 239. CATHOLIC ELEMENTARY AND SECONDARY SCHOOLS: 1960 TO 1984

[As of **October 1.** Regular sessions only. See also *Historical Statistics, Colonial Times to 1970,* series H 535-544]

ITEM	Unit	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
Elementary schools	Number	10,501	10,879	9,362	8,340	8,100	8,043	7,996	7,950	7,937	7,891
Pupils enrolled	1,000	4,373	4,492	3,359	2,525	2,293	2,269	2,266	2,225	2,180	2,120
Teachers, total	1,000	108	120	112	99	98	97	97	97	99	100
Religious	1,000	79	76	52	35	27	25	24	22	21	20
Lay	1,000	29	44	60	64	70	72	73	75	78	80
Secondary schools	Number	2,392	2,413	1,981	1,653	1,540	1,516	1,498	1,482	1,464	1,449
Pupils enrolled	1,000	880	1,082	1,008	890	846	837	828	801	788	782
Teachers, total	1,000	44	57	54	50	50	49	49	49	48	50
Religious	1,000	33	38	28	20	15	14	14	13	12	12
Lay	1,000	11	19	26	30	34	35	35	36	36	38

Source: National Catholic Educational Association, Washington, DC, *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967-68 to 1969-70,* and *U.S. Catholic Schools, 1973-74,* and National Catholic Educational Association/Ganley's, *Catholic Schools in America,* annual. (Copyright.)

NO. 240. CHARACTERISTICS OF HOUSEHOLDS WITH CHILDREN ENROLLED IN ELEMENTARY AND SECONDARY SCHOOL, BY CONTROL OF SCHOOL: 1982

[**In thousands except percent and median income.** Total households as of **March;** households with children enrolled as of **October.** Covers households with children 3 years to 20 years old enrolled in grades 1 through 12. Based on Current Population Survey; see Appendix III and sources for details. For composition of regions, see fig. I inside cover]

CHARACTERISTIC	Total households [1]	HOUSEHOLDS WITH CHILDREN ENROLLED IN ELEMENTARY AND SECONDARY SCHOOLS						
		Total	Public		Private		Both	
			Number	Percent	Number	Percent	Number	Percent
Households, total	83,527	25,108	22,223	88.5	2,284	9.1	600	2.4
Region:								
Northeast	18,000	5,233	4,429	84.6	633	12.1	172	3.3
Midwest	21,254	6,391	5,566	87.1	642	10.0	184	2.9
South	27,925	8,623	7,858	91.1	616	7.1	149	1.7
West	16,348	4,860	4,372	90.0	394	8.1	95	2.0
Education of householder:								
Elementary: 0–8 years	13,749	2,562	2,437	95.1	89	3.5	36	(B)
High school: 1–3 years	11,457	3,399	3,171	93.3	167	4.9	60	(B)
4 years	29,129	9,267	8,333	89.9	734	7.9	199	2.1
College: 1–3 years	13,086	4,791	4,146	86.5	524	10.9	121	2.5
4 years	8,799	2,589	2,128	81.9	382	14.7	90	3.5
5 or more years	7,307	2,491	2,007	80.6	389	15.6	94	3.8
Occupation of householder: [2]								
White collar	28,206	10,266	8,661	84.4	1,269	12.4	334	3.3
Blue collar	19,368	8,833	7,996	90.5	665	7.5	175	2.0
Service/farm	7,002	2,777	2,569	92.5	161	5.8	45	(B)
Household income: [3]								
Less than $7,500	15,269	3,639	3,486	95.8	120	3.3	33	2.6
$7,500–$14,999	18,018	4,877	4,517	92.6	297	6.1	63	
$15,000–$24,999	19,742	6,034	5,330	88.3	566	9.4	138	2.3
$25,000–$34,999	14,407	4,572	3,884	85.0	544	11.9	144	3.1
$35,00–$49,999	10,099	3,001	2,577	85.8	318	10.6	105	3.5
$50,000–$74,999	4,547	1,309	1,079	82.4	175	13.4	55	4.2
$75,000 or more	1,445	423	291	68.8	111	26.2	20	(B)
Median income (dol.)	$19,074	$20,700	$19,800	(X)	$26,500	(X)	$28,100	(X)
Number of children enrolled:								
One	(NA)	12,661	11,300	89.3	1,361	10.7	–	–
Two	(NA)	8,418	7,394	87.8	689	8.2	334	4.0
Three	(NA)	2,866	2,509	87.5	183	6.4	174	6.1
Four or more	(NA)	1,164	1,021	87.7	50	4.3	93	8.0

– Represents zero. B Base too small to meet statistical standards for a derived figure. NA Not available. X Not applicable. [1] Source: U.S Bureau of the Census, *Current Population Reports,* series P-60, No. 137. [2] For employed householders. [3] Household income in 1981.

Source: Except as noted, U.S. National Center for Education Statistics, Bulletin "Characteristics of Households with Children Enrolled in Elementary and Secondary Schools," September 1984.

NO. 241. PRIVATE ELEMENTARY AND HIGH SCHOOLS—ENROLLMENT AND TUITION, BY RACE, FAMILY INCOME, EDUCATION OF FAMILY HOUSEHOLDER, AND RESIDENCE: 1982

[As of **October.** Civilian noninstitutional population. Based on Current Population Survey; see text, pp. 1 and 2]

CHARACTERISTIC	ENROLLMENT (1,000)			MEAN TUITION (dol.)		CHARACTERISTIC	ENROLLMENT (1,000)			MEAN TUITION (dol.)	
	All schools	Private		All private	Church related		All schools	Private		All private	Church related
		Total	Church related					Total	Church related		
Enrolled: Total	**41,534**	**4,151**	**3,441**	**1,029**	**827**	Not reported	1,978	256	182	1,100	775
Dependent family members	40,902	4,128	3,423	1,028	825	EDUCATION [1] [3]					
RACE [1]						Elementary: 0–8 yr	5,032	202	166		
White	33,369	3,726	3,095	1,024	825	High school: 1–3 yr	5,811	326	279		
Black	6,245	277	220	975	796	4 yr. or more	14,875	1,340	1,151	(NA)	(NA)
Spanish origin [2]	3,464	300	264	837	747	College: 1–3 yr	6,618	855	745		
INCOME [1] (dol.)						4 yr. or more	7,832	1,367	1,048		
Less than 7,500	6,121	206	186	666	677	Not reported	734	38	34		
7,500 to 14,999	8,133	499	447	778	690	RESIDENCE [4]					
15,000 to 24,999	9,749	976	820	852	787	Northeast	8,774	1,171	985	1,063	783
25,000 to 34,999	7,380	996	855	905	742	Midwest	10,743	1,260	1,145	766	691
35,000 to 49,999	4,755	629	522	1,063	873	South	13,782	1,026	740	1,209	993
50,000 to 74,999	2,072	344	270	1,573	1,156	West	8,235	693	570	1,154	942
75,000 and over	715	221	142	2,106	1,374						

NA Not available. [1] Dependent family members. [2] Persons of Spanish origin may be of any race. [3] Education of family householder. [4] Total enrolled.

Source: U.S. Bureau of the Census, unpublished data.

No. 242. Public High School Course Offerings and Enrollment: 1973 and 1982

[For school year ending in **June**. Based on surveys and subject to sampling error; for methodological detail, see source]

Course	Schools offering course: Number		Schools offering course: Percent of all schools		Enrollment in course: Total (1,000)		Enrollment in course: As a percent of— Total enrolled		Enrollment in course: As a percent of— Enrollment in schools offering	
	1973	1982	1973	1982	1973	1982	1973	1982	1973	1982
Agriculture	4,550	7,589	29.7	48.4	322	420	2.7	3.3	12.1	6.1
Art	11,329	14,034	74.0	89.6	2,143	3,061	17.9	24.2	19.7	24.9
Business	14,605	15,541	95.4	99.2	5,763	5,874	48.1	46.4	49.5	47.2
English language arts	15,291	15,648	99.9	99.9	15,605	17,716	130.3	139.9	130.3	140.9
Foreign languages	12,657	13,224	82.7	84 4	3,067	2,953	25.6	23.3	26.8	24.9
Health/physical education	11,265	15,267	73.6	97.5	8,679	11,859	72.5	93.7	73.8	94.3
Home economics	12,282	15,055	80.2	96.1	2,439	3,024	20.4	23.9	22.5	24.5
Industrial arts	11,550	14,201	75.5	90.6	2,903	2,980	24.2	23.5	27.1	24.1
Mathematics [1] [2]	13,420	15,632	87.7	99.8	6,619	9,850	55.3	77.8	55.4	78.0
General math	12,322	14,264	80.5	91.0	1,644	2,567	13.7	20.3	16.0	21.3
Elementary algebra	11,621	14,950	75.9	95.4	1,341	2,290	11.2	18.1	13.7	19.2
Consumer math	649	6,140	4.2	39.2	37	351	.3	2.8	5.7	5.7
College level	1,983	6,030	13.0	38.5	53	226	.4	1.8	2.4	4.2
Music	13,437	14,566	87.9	93.0	3,004	2,733	25.1	21.6	26.2	22.3
Natural sciences [2]	13,668	15,626	89.3	99.7	6,119	8,278	51.1	65.4	51.2	65.6
General science	5,298	10,315	34.6	65.8	637	1,836	5.3	14.5	16.6	20.1
Biology, college level/microbiology	12,232	15,317	79.9	97.8	2,075	2,875	17.3	22.7	21.0	23.1
Earth sciences	4,755	430	31.1	2.7	427	21	3.6	.2	10.2	4.2
Social science [2]	14,551	15,646	95.1	99.9	11,710	15,008	97.8	118.5	97.8	118.8
American/world history	3,156	10,065	23.0	64.2	657	1,706	5.5	13.5	25.1	20.5
U.S. history	11,446	7,194	74.8	45.9	2,672	1,750	22.3	13.8	29.0	24.7
Sociology/social organization	7,453	12,778	48.7	81.6	582	1,602	4.9	12.7	8.0	14.2
Career ed./occupational guidance	563	9,636	3.7	61.5	52	1,005	.4	7.9	11.6	10.7

[1] 1973 data exclude special math programs which have no equivalent in 1982. [2] Includes other courses, not shown separately.

Source: U.S. National Center for Education Statistics, *A Trend Study of High School Offerings and Enrollments; 1972-73* and *1981-82*, December 1984.

No. 243. Average Number of Carnegie Units Earned by High School Graduates by Subject Area and Selected Characterstic: 1982

[The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1 year course]

Characterstic	All subjects	By selected subject areas— English	Math	Science	Social studies	Foreign language	Computer science
All graduates	**21.8**	**3.8**	**2.6**	**2.1**	**3.1**	**1.1**	**.1**
Control of school:							
Public	21.6	3.8	2.5	2.1	3.0	1.0	.1
Catholic	23.8	4.2	3.3	2.5	3.5	2.0	.1
Sex:							
Male	21.6	3.7	2.6	2.3	3.1	.9	.1
Female	22.0	3.9	2.5	2.1	3.1	1.2	.1
Race/ethnicity:							
White, non-Hispanic	21.9	3.8	2.7	2.3	3.1	1.1	.1
Black, non-Hispanic	21.1	3.8	2.4	2.0	2.9	.7	.1
Hispanic	21.7	3.7	2.2	1.8	3.0	.8	.1
Performance group: [1]							
Low	20.8	3.5	1.9	1.6	2.8	.3	(z)
Middle	21.6	3.8	2.4	2.0	3.1	.8	.1
High	22.6	4.0	3.4	2.9	3.2	1.9	.2
Self-reported high school program:							
Academic	22.5	4.0	3.3	2.8	3.2	1.8	.1
General	21.3	3.7	2.2	1.9	3.1	.6	.1
Vocational	21.4	3.6	2.0	1.6	2.9	.4	.1
Educational aspiration:							
High school	20.9	3.6	2.0	1.7	2.9	.4	(z)
Vocational training	21.5	3.6	2.1	1.7	3.1	.4	.1
Some college	21.8	3.8	2.5	2.0	3.1	1.0	.1
College graduate	22.4	4.0	3.2	2.6	3.2	1.5	.2
Postgraduate	22.4	4.0	3.3	2.9	3.2	1.9	.1

Z Less than 0.05 unit. [1] Performance level determined by a test-battery administered as part of the High School and Beyond Survey: low, bottom 25 percent; middle, 25 to 75 percent; high, top 25 percent.

Source: U.S. National Center for Education Statistics, *The Condition of Education*, annual.

No. 244. Scholastic Aptitude Test (SAT) Scores and Characteristics of College Bound Seniors: 1967 to 1984

[For school year ending in year shown]

TYPE OF TEST AND CHARACTERISTIC	Unit	1967	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
TEST SCORES [1]												
Verbal, total [2]	Point	466	460	434	429	429	427	424	424	426	425	426
Male	Point	463	459	437	431	433	431	428	430	431	430	433
Female	Point	468	461	431	427	425	423	420	418	421	420	420
Math, total [2]	Point	492	488	472	470	468	467	466	466	467	468	471
Male	Point	514	509	495	497	494	493	491	492	493	493	495
Female	Point	467	465	449	445	444	443	443	443	443	445	449
PARTICIPANTS												
Total	1,000	(NA)	(NA)	996	979	989	992	992	994	989	963	965
Male	Percent	(NA)	(NA)	49.9	48.9	48.4	48.3	48.2	48.0	48.1	48.2	48.2
White	Percent	(NA)	(NA)	86.0	83.9	83.0	82.9	82.1	81.9	81.7	81.1	80.3
Black	Percent	(NA)	(NA)	7.9	8.8	9.0	8.9	9.1	9.0	8.9	8.8	9.1
Obtaining scores [1] of—												
600 or above:												
Verbal	Percent	(NA)	(NA)	7.9	8.0	7.9	7.7	7.2	7.0	7.1	6.9	7.3
Math	Percent	(NA)	(NA)	15.6	16.1	15.8	15.0	15.1	14.4	15.3	15.9	16.7
Below 400:												
Verbal	Percent	(NA)	(NA)	37.8	39.1	39.8	40.7	41.8	41.6	40.2	41.1	40.2
Math	Percent	(NA)	(NA)	28.5	29.7	29.8	29.9	30.2	29.5	29.5	30.1	29.1
Selected intended area of study:												
Business and commerce	Percent	(NA)	(NA)	11.5	14.3	16.3	17.8	18.6	18.5	18.7	18.5	19.1
Engineering	Percent	(NA)	(NA)	6.7	8.8	9.4	10.1	11.1	11.8	12.6	12.5	12.0
Social science	Percent	(NA)	(NA)	7.7	8.2	9.0	8.2	7.8	7.4	7.2	7.2	7.3
Education	Percent	(NA)	(NA)	9.1	8.1	7.2	6.5	6.1	5.7	5.0	4.5	4.6
SAT average [1] by high school rank:												
Top tenth	Point	(NA)	(NA)	(NA)	546	543	541	539	539	540	539	543
Second tenth	Point	(NA)	(NA)	(NA)	476	472	471	470	472	473	473	477
Second fifth	Point	(NA)	(NA)	(NA)	434	433	432	431	433	435	435	438
Third fifth	Point	(NA)	(NA)	(NA)	387	386	386	386	387	389	389	392

NA Not available. [1] Minimum score, 200; maximum score, 800. [2] 1967 and 1970 are estimates based on total number of persons taking SAT.

Source: College Entrance Examination Board, New York, NY, *National College-Bound Seniors*, annual. (Copyright.)

No. 245. American College Testing (ACT) Program Scores and Characteristics of College-Bound Students: 1970 to 1984

[Data for academic year ending in year shown. Test scores and characteristics of college-bound students based on sample]

TYPE OF TEST AND CHARACTERISTIC	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
TEST SCORES [1]												
Composite	Point	19.9	18.6	18.3	18.4	18.5	18.6	18.5	18.5	18.4	18.3	18.5
Male	Point	20.3	19.5	19.1	19.2	19.3	19.3	19.3	19.3	19.2	19.1	19.3
Female	Point	19.4	17.8	17.6	17.8	17.8	17.9	17.9	17.8	17.8	17.6	17.9
English	Point	18.5	17.7	17.5	17.7	17.9	17.9	17.9	17.8	17.9	17.8	18.1
Male	Point	17.6	17.1	16.8	17.0	17.4	17.4	17.3	17.3	17.3	17.3	17.5
Female	Point	19.4	18.3	18.0	18.2	18.3	18.4	18.3	18.2	18.4	18.2	18.6
Math	Point	20.0	17.6	17.5	17.4	17.5	17.5	17.4	17.3	17.2	16.9	17.3
Male	Point	21.1	19.3	19.2	18.9	19.1	19.1	18.9	18.9	18.6	18.4	18.6
Female	Point	18.8	16.2	16.0	16.1	16.2	16.2	16.2	16.0	16.0	15.7	16.1
Social studies	Point	19.7	17.4	17.0	17.3	17.1	17.2	17.2	17.2	17.3	17.1	17.3
Male	Point	20.3	18.7	17.9	18.2	18.0	18.1	18.2	18.3	18.1	18.0	18.1
Female	Point	19.0	16.4	16.2	16.5	16.4	16.4	16.4	16.4	16.6	16.4	16.5
Natural science	Point	20.8	21.1	20.8	20.9	20.9	21.1	21.1	21.0	20.8	20.9	21.0
Male	Point	21.6	22.4	22.0	22.3	22.3	22.3	22.4	22.3	22.2	22.4	22.4
Female	Point	20.0	20.0	19.7	19.6	19.8	20.2	20.0	20.0	19.7	19.6	19.9
PARTICIPANTS												
Total	1,000	788	714	692	744	770	780	822	836	805	835	849
Male	Percent	52	46	46	45	45	45	45	45	45	46	46
White	Percent	(NA)	77	77	76	76	84	83	83	83	82	82
Black	Percent	4	7	7	7	7	8	8	8	8	9	9
Obtaining composite scores of—												
26 or above	Percent	14	14	13	13	13	13	13	13	13	13	13
15 or below	Percent	21	33	35	34	34	33	33	33	34	35	33
Planned educational major:												
Business [2]	Percent	18	21	15	17	18	20	20	19	19	18	19
Engineering	Percent	8	6	7	7	8	8	8	10	11	10	9
Social science [3]	Percent	10	9	7	7	7	6	6	6	6	6	7
Education	Percent	16	12	11	10	9	9	9	7	6	6	6

NA Not available. [1] Minimum score, 1; maximum score, 36. [2] Includes political and persuasive (e.g. sales) fields through 1975; thereafter, business and commerce. [3] Includes religion through 1975.

Source: The American College Testing Program, Iowa City, IA, *High School Profile Report*, annual.

No. 246. Public High School Graduates—States: 1975 to 1985

[In thousands. Excludes equivalency certificates]

STATE	1975	1980	1985	STATE	1975	1980	1985	STATE	1975	1980	1985
U.S.	**2,839.6**	**2,762.4**	**2,483.9**	KS	32.6	30.9	26.4	ND	10.8	10.0	8.3
				KY	42.4	40.8	38.8	OH	158.2	144.2	125.0
AL	46.6	45.2	43.6	LA	47.7	46.3	38.4	OK	37.8	39.3	34.0
AK	4.2	5.2	5.6	ME	14.8	15.4	13.9	OR	30.7	29.9	27.1
AZ	25.7	28.6	27.0	MD	55.4	54.5	49.2	PA	163.1	146.5	128.4
AR	26.8	29.1	26.6	MA	79.3	77.0	66.8	RI	10.0	10.9	10.2
CA	294.0	249.2	239.8	MI	132.4	124.3	112.9	SC	38.3	37.7	35.9
CO	35.0	36.8	33.0	MN	66.5	66.1	53.8	SD	11.7	10.7	8.1
CT	42.8	40.0	35.0	MS	27.2	27.6	26.2	TN	49.4	49.8	47.8
DE	8.6	7.6	6.0	MO	62.8	62.3	52.0	TX	159.5	171.4	162.5
DC	5.4	5.1	4.0	MT	12.3	12.1	11.0	UT	19.7	20.0	19.5
FL	86.5	87.8	85.0	NE	22.2	22.4	18.7	VT	6.5	6.6	6.1
GA	59.8	62.7	59.1	NV	7.2	8.5	9.1	VA	65.5	66.9	61.4
HI	11.3	11.8	10.1	NH	10.8	11.4	10.9	WA	51.0	50.4	45.5
ID	12.6	13.1	12.4	NJ	95.0	97.6	87.3	WV	24.6	23.4	22.4
IL	141.3	135.6	120.7	NM	18.4	18.3	15.4	WI	69.3	71.3	60.2
IN	76.0	75.6	64.8	NY	211.3	204.1	168.4	WY	5.6	6.1	5.7
IA	43.1	43.4	36.8	NC	69.8	70.9	67.6				

Source: National Education Association, Washington, DC, *Estimates of School Statistics,* annual. (Copyright.)

No. 247. Employment Status of High School Graduates Not Enrolled in College and School Dropouts, by Sex and Race: 1975 to 1984

[**In thousands except percent.** For civilian noninstitutional population 16 to 21 years old. As of **October.** High school graduates: Persons not enrolled in college; includes those who attended college prior to survey date. Dropouts: Persons not in regular school and not high school graduates. Based on samples and subject to sampling variability]

EMPLOYMENT STATUS, SEX, AND RACE	GRADUATES					DROPOUTS				
	1975 [1]	1980	1982	1983	1984	1975 [1]	1980	1982	1983	1984
Civilian population	**7,254**	**7,708**	**7,092**	**7,002**	**6,791**	**3,317**	**3,377**	**3,202**	**2,915**	**2,782**
In labor force	6,008	6,646	6,038	5,945	5,865	2,029	2,248	2,125	1,894	1,835
Percent of population	82.8	86.2	85.1	84.9	86.4	61.2	66.6	66.4	65.0	66.0
Employed	5,111	5,805	4,956	4,952	5,082	1,449	1,636	1,360	1,317	1,326
Percent of labor force	85.1	87.4	82.1	83.3	86.6	71.4	72.8	64.0	69.5	72.3
Male	2,573	2,833	2,455	2,451	2,452	969	1,077	869	874	895
Female	2,538	2,973	2,501	2,501	2,630	480	559	491	443	432
White	4,653	5,211	4,429	4,442	4,445	1,216	1,426	1,179	1,160	1,169
Black	[2] 454	513	463	449	561	[2] 232	179	142	114	117
Unemployed	897	841	1,082	993	783	580	613	765	577	509
Percent of labor force	14.9	12.7	17.9	16.7	13.4	28.6	27.3	36.0	30.5	27.7
Male	450	465	512	487	364	336	371	481	372	312
Female	447	376	570	506	419	244	242	284	205	197
White	715	624	789	655	503	419	434	551	430	366
Black	[2] 185	207	279	302	254	[2] 161	151	199	139	136
Not in labor force	1,246	1,062	1,050	1,059	927	1,289	1,128	1,076	1,021	946
Percent of population	17.2	13.8	14.8	15.1	13.6	38.9	33.4	33.6	35.0	34.0

[1] Population controls based on 1980 census; see tex, pp. 2 and 125.
[2] Black and other races.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report,* No. 191, Bulletin 2192, and unpublished data.

No. 248. High School Dropouts 14 to 24 Years Old, by Age and Race: 1968 to 1984

[As of **October.** See headnote, table 247]

AGE AND RACE	NUMBER OF DROPOUTS (1,000)								PERCENT OF POPULATION			
	1968	1970	1975	1980	1981	1982	1983	1984	1970	1975	1980	1984
Total dropouts [1] [2]	**4,650**	**4,670**	**4,974**	**5,212**	**5,286**	**5,160**	**5,025**	**4,764**	**12.2**	**11.5**	**12.0**	**11.2**
16–17 years	568	617	715	709	622	556	494	485	8.0	8.6	8.8	6.8
18–21 years	2,163	2,138	2,557	2,578	2,621	2,646	2,419	2,297	16.4	16.3	15.8	14.9
22–24 years	1,766	1,770	1,553	1,798	1,899	1,854	1,991	1,845	18.7	14.5	15.2	14.6
White [2]	**3,685**	**3,577**	**3,861**	**4,169**	**4,218**	**4,080**	**3,950**	**3,831**	**10.8**	**10.5**	**11.3**	**10.8**
16–17 years	453	485	594	619	517	478	424	421	7.3	8.4	9.2	7.1
18–21 years	1,711	1,618	1,980	2,032	2,087	2,056	1,897	1,852	14.3	14.7	14.7	14.5
22–24 years	1,396	1,356	1,169	1,416	1,503	1,467	1,531	1,429	16.3	12.6	14.0	13.5
Black [2]	**932**	**1,047**	**1,024**	**934**	**944**	**937**	**918**	**789**	**22.2**	**18.5**	**16.0**	**13.2**
16–17 years	110	125	116	80	92	66	62	55	12.8	10.2	6.9	5.2
18–21 years	437	500	540	486	473	519	436	373	30.5	27.0	23.0	16.9
22–24 years	362	397	337	346	348	332	396	339	37.8	27.8	24.0	20.5

[1] Includes other race groups not shown separately.
[2] Includes persons 14–15 years, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 394 and earlier reports; and unpublished data.

No. 249. High School and College Graduates, by Sex and Control: 1950 to 1983

[In thousands, except percent. Prior to **1960,** excludes Alaska and Hawaii. See also table 272; Appendix III; and *Historical Statistics, Colonial Times to 1970,* series H 598-601 and H 752-756]

Year of graduation	High school graduates [1]						College graduates [3]				
	Total		Sex		Control		Bachelor's degrees [4]				Master's and doctor's degrees [5]
	Number	Percent of persons 18 years old [2]	Male	Female	Public	Private, est.	Total	Per 100 high school graduates 4 yrs. earlier	Male	Female	
1950	1,200	56.0	571	629	(NA)	(NA)	432	40	329	103	65
1955	1,351	64.6	648	703	1,208	143	286	24	183	103	67
1960	1,864	72.4	898	966	1,633	231	392	28	254	138	84
1965	2,665	70.8	1,314	1,351	2,366	298	501	25	289	*213*	*162*
1970	2,896	77.1	1,433	1,463	2,596	300	793	30	451	341	273
1975	3,133	73.6	1,542	1,591	2,823	310	923	31	505	418	382
1977	3,154	74.1	1,547	1,607	2,840	315	920	30	496	424	414
1978	3,127	73.6	1,531	1,596	2,825	302	921	30	487	434	410
1979	3,101	71.8	1,516	1,585	2,801	300	921	29	477	444	403
1980	3,043	71.5	1,491	1,552	2,748	295	929	29	474	456	401
1981	3,020	71.2	1,483	1,537	2,725	295	935	30	470	*465*	*401*
1982	3,001	71.6	1,474	1,527	2,711	290	953	30	473	480	400
1983, prel	2,890	71.8	1,438	1,452	2,600	290	970	31	480	490	400

NA Not available. [1] Data for 1950-1970 include about 7,000 graduates of subcollegiate departments of institutions of higher education, Federal schools for Indians and on Federal installations, and residential schools for exceptional children. [2] Based on estimated resident population as of July 1. [3] Data cover public and private institutions. [4] *Through* 1960, bachelor's or first professional degree; thereafter, bachelor's degree only. [5] Beginning 1965, includes first professional degrees.

Source: U.S. National Center for Education Statistics, *Condition of Education,* annual.

No. 250. College Enrollment of Persons 18-24 Years Old and Percent of High School Graduates Enrolled in College, by Sex and Race: 1960 to 1984

[In thousands, except percent. As of **October,** except as noted. Covers civilian noninstitutional population]

Item and year	All persons			Male			Female		
	Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
College enrollment:									
1960 [2]	2,215	2,081	[3] 134	1,334	1,269	[3] 65	880	811	[3] 69
1970	5,805	5,305	416	3,331	3,096	192	2,474	2,209	225
1975	6,935	6,116	665	3,693	3,326	294	3,243	2,790	372
1980	7,226	6,334	688	3,604	3,224	278	3,625	3,110	410
1982	7,678	6,594	767	3,837	3,308	331	3,841	3,285	436
1983	7,477	6,463	741	3,820	3,335	331	3,657	3,129	411
1984	7,591	6,526	786	3,929	3,406	367	3,662	3,120	419
Percent of high school graduates enrolled:									
1960 [2]	23.7	24.2	[3] 18.4	30.3	31.1	[3] 20.8	17.8	17.9	[3] *16.5*
1970	32.7	33.2	26.0	41.2	42.3	28.7	25.6	25.6	24.1
1975	32.5	32.4	32.0	36.2	36.4	32.8	29.2	28.6	31.5
1980	31.8	32.0	27.8	33.5	34.0	26.4	30.3	30.2	28.8
1982	33.0	33.1	28.0	34.5	34.4	28.3	31.6	31.8	27.7
1983	32.5	32.9	27.0	35.0	35.4	27.5	30.3	30.6	26.7
1984	33.2	33.7	27.2	36.0	36.4	28.8	30.6	31.1	26.0

[1] Includes other races, not shown separately. [2] As of April. [3] For 1960, Black and other races.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960,* vol. I, *Characteristics of the Population,* part 1; *Current Population Reports,* series P-20, No. 394 and earlier reports; and unpublished data.

No. 251. College Enrollment, by Sex, Age, and Race: 1972 to 1984

[In thousands. As of **October.** Covers civilian noninstitutional population, 14 years old and over. Degree credit enrollment only]

Sex, age, and race	1972	1975	1976	1977	1978	1979	1980	1981 [1]	1981 [2]	1982	1983	1984
Total	**9,095**	**10,880**	**11,139**	**11,546**	**11,140**	**11,380**	**11,387**	**11,814**	**12,127**	**12,309**	**12,320**	**12,304**
Male [3]	5,218	5,911	5,785	5,889	5,581	5,480	5,430	5,636	5,825	5,899	6,010	5,989
18-24 yr	3,534	3,693	3,673	3,712	3,621	3,508	3,604	3,724	3,833	3,837	3,820	3,929
25-34 yr	1,178	1,521	1,518	1,546	1,396	1,356	1,325	1,375	1,442	*1,460*	*1,576*	*1,492*
35 yr. and over	365	569	489	520	457	487	405	443	453	490	506	476
Female [3]	3,877	4,969	5,354	5,657	5,559	5,900	5,957	6,178	6,303	6,410	6,310	6,317
18-24 yr	2,724	3,243	3,508	3,431	3,373	3,482	3,625	3,680	3,741	3,841	3,657	3,662
25-34 yr	581	947	971	1,255	1,173	1,319	1,378	1,431	1,485	1,528	1,510	1,522
35 yr. and over	418	614	700	809	845	914	802	934	940	900	989	970
White	8,147	9,547	9,679	9,981	9,662	9,956	9,926	10,166	10,352	10,550	10,566	10,521
Male	4,723	5,263	5,085	5,156	4,913	4,823	4,804	4,900	5,011	5,078	5,162	5,111
Female	3,427	4,285	4,594	4,806	4,748	5,132	5,123	5,265	5,342	5,474	5,404	5,410
Black and other races	949	1,333	1,460	1,585	1,479	1,424	1,461	1,648	1,775	1,758	1,754	1,784
Male	496	648	700	733	668	657	626	735	814	821	848	878
Female	450	684	760	851	811	768	834	913	961	936	906	906

[1] Population controls based on 1970 census; see text pages 2 and 125. [2] Population controls based on 1980 census; see text pages 2 and 125. [3] Includes persons 14 to 17 years old, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 394, earlier reports; and unpublished data.

No. 252. Higher Education—Summary: 1965 to 1982

[Institutions, staff, and enrollment as of **fall**. Finances for fiscal year ending in the following year. Covers universities, colleges, professional schools, junior and teachers colleges, and normal schools, both publicly and privately controlled, regular session. Includes estimates for institutions not reporting. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 680, H 699–705, and H 710]

ITEM	Unit	1965	1970	1975	1978	1979	1980	1981	1982	1983
Institutions staff [1]	**Number**	**2,230**	**2,556**	**3,026**	**3,134**	**3,152**	**3,231**	**3,253**	**3,280**	**3,284**
4-year	Number	1,551	1,665	1,898	1,941	1,957	1,957	1,979	1,984	2,013
2-year	Number	679	891	1,128	1,193	1,195	1,274	1,274	1,296	1,271
Instructional staff	**1,000**	**412**	**573**	**781**	**809**	**823**	**846**	**865**	**865**	(NA)
Instructor or above	1,000	340	474	628	656	675	686	696	701	702
Percent full-time	Percent	72.9	77.8	70.1	67.2	65.9	65.6	64.9	64.9	65.1
Total enrollment [2]	**1,000**	**5,921**	**8,581**	**11,185**	**11,260**	**11,570**	**12,097**	**12,372**	**12,426**	**12,465**
Degree credit	1,000	5,526	7,920	9,731	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Male	1,000	3,375	4,637	5,321	5,641	5,683	5,874	5,975	6,031	6,024
Female	1,000	2,152	3,284	4,410	5,619	5,887	6,223	6,397	6,394	6,441
4-year institutions	1,000	4,685	6,290	7,143	7,232	7,353	7,571	7,655	7,654	7,741
2-year institutions	1,000	841	1,630	2,588	4,028	4,217	4,526	4,716	4,772	4,723
Full-time	1,000	3,910	5,489	6,147	6,668	6,794	7,098	7,181	7,221	7,261
Part-time	1,000	1,616	2,431	3,584	4,592	4,776	4,999	5,190	5,205	5,204
Public	1,000	3,624	5,800	7,426	8,786	9,037	9,457	9,647	9,696	9,683
Private	1,000	1,902	2,120	2,306	2,474	2,533	2,640	2,725	2,730	2,782
Graduate	1,000	697	1,031	1,263	1,081	1,070	1,100	1,101	1,090	1,105
Undergraduate [3]	1,000	4,829	6,889	8,468	10,179	10,500	10,997	11,270	11,336	11,360
Male	1,000	2,910	4,005	4,621	5,057	5,116	5,303	5,404	5,461	5,446
Female	1,000	1,919	2,884	3,847	5,122	5,384	5,694	5,867	5,875	5,914
1st time freshmen	1,000	1,442	1,780	1,910	2,390	2,503	2,588	2,595	2,505	2,444
4-year institutions	1,000	3,988	5,259	5,884	6,152	6,285	6,472	6,555	6,565	6,637
Full-time	1,000	3,159	4,234	4,577	4,678	4,768	4,897	4,939	4,934	4,978
Part-time	1,000	829	1,025	1,308	1,474	1,517	1,574	1,615	1,630	1,659
2-year institutions	1,000	841	1,630	2,584	4,028	4,215	4,526	4,716	4,771	4,723
Public	1,000	3,184	5,076	6,520	8,083	8,337	8,747	8,946	9,009	8,990
Private	1,000	1,645	1,813	1,948	2,096	2,163	2,251	2,325	2,327	2,370
Nondegree credit	1,000	395	661	1,453	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Current funds revenues [4]	**Mil. dol.**	**12,734**	**23,879**	**39,703**	**51,838**	**58,520**	**65,585**	**72,191**		
Educational and general [4]	Mil. dol.	10,285	18,392	(X)	(X)	(X)	(X)	(X)		
Tuition and fees	Mil. dol.	2,670	5,021	8,172	10,704	11,930	13,773	15,774		
Federal Government	Mil. dol.	2,654	2,739	5,414	6,844	7,772	8,479	8,320		
State government	Mil. dol.	2,984	6,589	12,261	16,364	18,378	20,106	21,849		
Auxiliary enterprises	Mil. dol.	2,139	3,125	4,548	5,741	6,481	7,287	8,122		
Plant funds [5]	Mil. dol.	3,484	(NA)	3,910	3,676	4,382	4,774	5,185		
Increase in fund balance [6]	Mil. dol.	663	498	959	1,373	2,154	2,793	2,224	(NA)	(NA)
Current funds expenditures [4]	**Mil. dol.**	**12,509**	**23,375**	**38,903**	**50,721**	**56,914**	**64,053**	**70,339**		
Educational and general [7]	Mil. dol.	9,951	17,616	30,598	39,833	44,543	50,074	54,849		
Auxiliary enterprises and activities	Mil. dol.	1,888	2,988	4,477	5,750	6,486	7,288	7,998		
Gross addition to plant value	Mil. dol.	3,125	4,165	4,702	4,576	5,551	6,471	6,975		
Value of plant	Mil. dol.	26,851	46,054	66,348	78,638	83,733	88,761	94,517		
Endowment (book value)	Mil. dol.	8,766	11,341	13,952	16,804	18,561	20,941	23,085		

NA Not available. X Not applicable. [1] Beginning 1975, number of institutions includes count of branch campuses. [2] Beginning 1975, branch campuses counted according to actual status, e.g., 2-year branch in 2-year category; previously a 2-year branch included in university category. [3] Includes first-professional enrollment and unclassified students. [4] Includes items not shown separately. [5] Beginning 1975, annual net increase in plant funds. [6] Includes endowment, and, beginning 1975, annuity and student loans. See table 263. [7] Beginning 1975, not strictly comparable with earlier years.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and unpublished data.

No. 253. Total Enrollment in Institutions of Higher Education, by Control of Institution and Type of Program: 1978 to 1983

[**In thousands, except percent.** As of **fall**. See source for classification of institutions]

CONTROL OF INSTITUTION AND TYPE OF PROGRAM	1978	1979	1980	1981	1982	1983	Percent change, 1978–1983
All institutions	**11,260**	**11,570**	**12,097**	**12,372**	**12,426**	**12,465**	**10.7**
Public institutions [1]	**8,786**	**9,037**	**9,457**	**9,647**	**9,696**	**9,683**	**10.2**
Doctoral	2,262	2,305	2,364	2,367	2,366	2,411	6.6
Comprehensive	2,133	2,147	2,208	2,228	2,225	2,208	3.5
General baccalaureate	370	375	395	402	410	397	7.3
Specialized	139	144	180	186	193	199	43.2
Two-year	3,881	4,066	4,284	4,432	4,464	4,456	14.8
Private institutions [1]	**2,474**	**2,533**	**2,640**	**2,725**	**2,730**	**2,782**	**12.4**
Doctoral	639	658	665	679	662	633	–.9
Comprehensive	588	599	606	612	613	669	13.8
General baccalaureate	733	746	777	784	771	753	2.7
Specialized	344	348	363	374	382	400	16.3
Two-year	169	181	188	198	202	269	59.2

[1] Includes other types of institutions, not shown separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 254 College Freshmen—Summary Characteristics: 1966 to 1984

[In percent. As of fall for first-time, full-time freshmen. Based on sample survey and subject to sampling error; see source for details]

Characteristic	1966	1970	1975	1980	1981	1982	1983	1984
Sex: Male	57	55	53	49	49	49	49	48
Female	43	45	47	51	51	51	51	52
Average grade in high school:								
A− to A+	15	16	18	21	21	21	20	20
B− to B+	54	58	60	60	60	60	59	58
C to C+	30	27	21	19	19	19	21	21
D	1	1	1	1	1	1	1	1
Academic rank in high school:								
Top 20 percent	(NA)	(NA)	(NA)	39	39	40	39	40
Second 20 percent	(NA)	(NA)	(NA)	23	24	23	23	22
Third 20 percent	(NA)	(NA)	(NA)	31	30	31	31	30
Fourth 20 percent	(NA)	(NA)	(NA)	6	6	6	6	7
Lowest 20 percent	(NA)	(NA)	(NA)	1	1	1	1	1
Race: White	91	87	87	86	89	88	87	86
Black	5	9	9	9	9	9	9	10
Political orientation:								
Liberal	(NA)	34	29	20	18	19	19	20
Middle of the road	(NA)	45	54	60	60	60	60	58
Conservative	(NA)	17	15	17	20	18	18	19
Probable field of study:								
Arts and humanities	17	16	11	9	7	8	8	8
Biological sciences	4	4	6	4	4	4	4	4
Business	14	16	19	24	24	24	24	26
Education	11	11	10	7	7	5	6	7
Engineering	10	9	8	12	12	12	12	11
Physical science	3	2	3	3	3	3	3	3
Social science	15	14	10	7	6	6	6	7
Professional	(NA)	(NA)	(NA)	15	13	13	14	14
Technical	2	4	9	6	6	7	7	5
Data processing/computer programming	(NA)	(NA)	(NA)	2	3	4	4	2
Other	(NA)	(NA)	(NA)	(NA)	14	16	16	16
Communications	(NA)	(NA)	(NA)	2	2	2	2	2
Computer science	(NA)	(NA)	(NA)	1	1	2	5	3
In the past year have:								
Written a computer program	(NA)	(NA)	(NA)	(NA)	(NA)	27	38	51
Taken computer-assisted course	(NA)	(NA)	(NA)	(NA)	(NA)	17	26	40
Taken course on TV	(NA)	(NA)	(NA)	(NA)	(NA)	3	3	4
Recipient of financial aid:								
Pell grant	(NA)	(NA)	27	33	26	23	26	20
Supplemental educational opportunity grant	(NA)	(NA)	6	8	6	6	7	6
State scholarship or grant	(NA)	(NA)	19	16	14	15	16	14
College grant	(NA)	(NA)	[1] 9	13	11	12	13	17
Federal guaranteed student loan	(NA)	(NA)	10	21	17	11	15	23
National direct student loan	(NA)	(NA)	10	9	8	6	5	6
College loan	(NA)	(NA)	[1] 3	4	4	4	4	4
College work-study grant	(NA)	(NA)	12	15	12	12	14	9

NA Not available. [1] 1976 data.

Source: The Higher Education Research Institute, University of California, Los Angeles, CA, *The American Freshman: National Norms*, annual.

No. 255. Enrollment in Institutions of Higher Education by Sex, Age, and Attendance Status, 1970 to 1983, and Projections, 1988 and 1993

[As of fall]

Sex and age	Number (1,000)					Percent part-time				
	1970	1975	1983	1988	1993	1970	1975	1983	1988	1993
Total	**8,581**	**11,185**	**12,465**	**12,141**	**11,676**	**32.2**	**36.8**	**42.9**	**46.1**	**48.3**
Male	5,044	6,149	6,024	5,909	5,641	30.5	36.1	38.8	41.8	43.7
14 to 17 years	129	126	91	92	79	3.9	13.5	13.0	13.0	13.9
18 and 19 years	1,349	1,397	1,283	1,171	1,019	6.2	9.2	10.8	10.8	10.7
20 and 21 years	1,095	1,245	1,205	1,033	966	9.6	15.4	15.2	15.4	15.3
22 to 24 years	964	1,048	1,148	1,041	988	32.6	34.5	34.7	34.9	34.8
25 to 29 years	783	1,123	1,087	1,150	1,022	58.2	57.8	59.7	59.7	59.7
30 to 34 years	308	557	597	676	710	76.6	67.0	72.6	72.5	72.5
35 years and over	415	654	613	744	855	81.9	76.8	85.3	85.2	85.3
Female	3,537	5,036	6,441	6,232	6,035	34.6	42.1	46.9	50.2	52.6
14 to 17 years	129	152	123	121	104	9.3	12.5	8.3	9.1	6.7
18 and 19 years	1,250	1,388	1,427	1,266	1,101	8.8	10.6	12.6	12.5	12.5
20 and 21 years	785	998	1,187	989	922	16.3	19.8	19.1	19.1	19.2
22 to 24 years	493	706	938	818	773	53.1	54.4	46.7	46.7	46.7
25 to 29 years	292	651	945	960	849	72.6	66.5	68.3	68.3	68.3
30 to 34 years	179	410	717	782	812	84.4	76.8	80.8	80.8	80.8
35 years and over	409	730	1,103	1,294	1,474	85.6	85.6	85.1	85.1	85.1

Source: U.S. National Center for Education Statistics, *The Condition of Education*, annual.

No. 256. College Enrollment, by Major Field of Study, Sex, and Race: 1966 and 1982

[In thousands, except percent. As of October. Covers civilian noninstitutional population 14 to 34 years old. Degree-credit enrollment only. Based on Current Population Survey; see text, p. 2]

Major field of study	1966				1982				Percent distribution	
	Total	Male	Female	Black	Total	Male	Female	Black	1966	1982
Total enrollment [1]	**5,999**	**3,710**	**2,289**	**282**	**10,919**	**5,409**	**5,510**	**1,127**	**100.0**	**100.0**
Agriculture, forestry [2]	73	71	2	12	259	112	147	9	1.2	2.4
Biological sciences	602	334	268	27	316	169	149	28	10.0	2.9
Health, medical profession					1,305	332	973	183		12.0
Business, commerce	888	684	204	41	2,586	1,307	1,278	292	14.8	23.7
Education	1,118	359	760	65	732	189	543	65	18.6	6.7
Engineering [3]	534	524	10	12	1,229	972	257	86	8.9	11.3
English, journalism	620	304	316	15	304	137	167	35	10.3	2.8
Liberal arts or humanities					852	398	454	65		7.8
Law	(NA)	(NA)	(NA)	(NA)	252	143	109	19	(NA)	2.3
Mathematics, statistics	236	150	86	8	187	98	90	17	3.9	1.7
Physical sciences	226	200	25	12	258	177	81	10	3.8	2.4
Social sciences	642	401	241	48	763	352	411	69	10.7	7.0
Vocational, technical	(NA)	(NA)	(NA)	(NA)	414	291	122	48	(NA)	3.8

NA Not available. [1] Includes other fields of study, not shown separately. [2] Includes home economics in 1982. [3] Includes computer sciences in 1982.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 183, and unpublished data.

No. 257. Higher Education Enrollments in Foreign Languages: 1960 to 1983

[As of fall]

Item	1960	1965	1968	1970	1972	1974	1977	1980	1983
Registrations [1] **(1,000)**	[2] **647.1**	**1,034.9**	**1,127.4**	**1,111.5**	**1,008.9**	**946.6**	**933.5**	**924.8**	**966.0**
Index (1960=100)	100.0	159.9	174.2	171.8	155.9	146.3	144.3	142.9	149.3
By selected language: (1,000)									
Spanish	178.7	310.3	364.9	389.2	364.5	362.2	376.7	379.4	386.2
French	228.8	371.6	388.1	359.3	293.1	253.1	246.1	248.4	270.1
German	146.1	213.9	216.3	202.6	177.1	152.1	135.4	126.9	128.2
Italian	11.1	22.9	30.4	34.2	33.3	33.0	33.3	34.8	36.7
Russian	30.6	33.7	40.7	36.1	36.4	32.5	27.8	24.0	30.4
Latin	[2] 25.7	39.6	35.0	27.6	24.4	25.2	24.4	25.0	24.2
Ancient Greek	[2] 12.7	19.5	19.3	16.7	20.6	24.4	25.8	22.1	19.4
Hebrew	3.6	8.1	10.2	16.6	21.1	22.4	19.4	19.4	18.2
Japanese	1.7	3.4	4.3	6.6	8.3	9.6	10.7	11.5	16.1
Chinese	1.8	3.6	5.1	6.2	10.0	10.6	9.8	11.4	13.2

[1] Includes other foreign languages, not shown separately. [2] Estimated.

Source: Association of Departments of Foreign Languages, New York, NY, *ADFL Bulletin*, vol. 16, No. 2, and earlier issues. (Copyright.)

No. 258. Foreign (Nonimmigrant) Student Enrollment in Institutions of Higher Education, by Region of Origin, 1976 to 1983, and by Field of Study, 1976 and 1982

Region of origin	Enrollment (1,000)								Percent enrolled in—					
									Engineering		Science [1]		Business	
	1976	1977	1978	1979	1980	1981	1982	1983	1976	1982	1976	1982	1976	1982
All regions	**179**	**203**	**237**	**264**	**286**	**312**	**326**	**339**	**23**	**23**	**13**	**7**	**16**	**18**
Africa	25	26	30	34	36	38	42	42	17	17	16	7	20	25
Asia [2]	97	109	131	147	165	179	181	193	30	30	13	8	16	17
China: Taiwan	11	12	14	16	18	19	21	22	26	25	27	12	8	16
Hong Kong	12	11	12	11	10	10	9	9	19	19	15	8	21	29
India	10	9	9	9	9	9	11	14	35	33	17	13	15	19
Iran	20	23	36	45	51	48	36	20	40	45	8	9	10	10
Europe	14	17	19	22	23	25	29	32	13	13	13	8	15	17
Latin America [3]	30	37	39	41	42	50	55	52	20	19	12	6	16	19
North America	10	10	13	16	16	15	15	16	7	8	8	6	10	15
Canada	10	11	13	15	15	14	15	15	6	8	7	6	8	14
Oceania	3	3	4	4	4	4	4	4	5	4	11	6	13	17

[1] Physical and life sciences. [2] Includes countries not shown separately. [3] Includes Mexico, Central America, Caribbean, and South America.

Source: Institute of International Education, New York, NY, *Open Doors*, annual. (Copyright.)

No. 259. Enrollment in Institutions of Higher Education, by Specified Minority Groups, 1968 to 1982, and by Geographic Division, 1982

[**Enrollment in thousands, except percent.** As of **fall.** Covers full-time undergraduate students in 2-year and 4-year institutions taking credits equal to at least 75 percent of normal load. Prior to 1976, excludes Alaska and Hawaii. Excludes institutions in the outlying areas. For composition of divisions, see fig. I, inside front cover]

Year and geographic division	Number of institutions	Total enrollment	Black enrollment		Enrollment of other minority groups				
			Number	Percent	Total	Percent	American Indian	Asian American	Spanish-surnamed American
1968	2,054	4,820	287	6.0	169	3.5	29	48	91
1970	2,516	4,966	345	6.9	181	3.7	27	52	103
1972	2,665	5,531	459	8.3	219	4.0	32	57	130
1974	2,808	5,639	508	9.0	255	4.5	33	64	158
1976	2,821	5,755	605	10.5	331	5.8	38	101	191
1978	2,897	5,664	601	10.6	346	6.1	36	114	196
1980	2,979	5,993	625	10.4	398	6.6	39	136	221
1982, total	**2,949**	**5,856**	**587**	**10.0**	**418**	**7.1**	**38**	**156**	**224**
New England	236	393	14	3.5	13	3.4	1	6	6
Middle Atlantic	476	975	101	10.4	74	7.6	4	22	49
East North Central	469	1,095	96	8.8	35	3.2	4	15	16
West North Central	307	517	19	3.6	14	2.7	5	5	4
South Atlantic	508	890	160	18.0	37	4.1	3	11	23
East South Central	212	369	77	20.8	3	.9	1	2	1
West South Central	255	576	69	12.0	58	10.0	5	7	45
Mountain	145	320	7	2.3	36	11.2	7	6	23
Pacific	341	722	44	6.1	148	20.5	9	83	55

Source: U.S. Dept. of Education, Office for Civil Rights, *Undergraduate Enrollment by Ethnic Group in Federally Funded Institutions of Higher Education, Fall 1968* and, beginning 1970, *Racial and Ethnic Enrollment Data From Institutions of Higher Education*, biennial.

No. 260. Junior (Two-Year) Colleges—Summary: 1960 to 1983

[Institutions and their enrollment as of **fall;** financial data for fiscal year ending the following year. Prior to 1975, excludes two-year branches of universities and other four-year institutions. Beginning 1980, includes schools accredited by the National Association of Trade and Technical Schools. 1960 covers degree-credit students only. See *Historical Statistics, Colonial Times to 1970*, series H 690–692 and H 705, for related but not comparable data. See also Appendix III]

Item	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Institutions	**Number**	**521**	**679**	**892**	**1,128**	**1,193**	**1,195**	**1,274**	**1,274**	**1,296**	**1,271**
Public	Number	315	420	654	897	924	926	945	940	933	916
Private	Number	206	259	237	231	269	269	329	334	363	355
Enrollment	**1,000**	**451**	**1,173**	**2,223**	**3,970**	**4,028**	**4,217**	**4,526**	**4,716**	**4,772**	**4,723**
Public	1,000	392	1,041	2,102	3,836	3,874	4,057	4,329	4,481	4,520	4,459
Private	1,000	59	132	121	134	154	160	198	236	252	264
Male	1,000	282	734	1,317	2,165	1,885	1,922	2,047	2,124	2,170	2,131
Female	1,000	169	439	906	1,805	2,143	2,295	2,479	2,592	2,602	2,592
Current funds revenue [1]	**Mil. dol**		**874**	**2,504**	**5,304**	**6,742**	**7,507**	**8,505**	**9,294**		
Tuition and fees	Mil. dol		186	413	896	1,161	1,302	1,618	1,864		
State government	Mil. dol		242	916	2,248	3,140	3,635	3,961	4,269		
Local government	Mil. dol	(NA)	237	700	1,187	1,210	1,168	1,623	1,482	(NA)	(NA)
Current funds expenditures	**Mil. dol**		**819**	**2,327**	**5,092**	**6,558**	**7,253**	**8,212**	**9,006**		
Education and general [2]	Mil. dol		672	2,073	4,736	6,107	6,722	7,608	8,356		
Instruction	Mil. dol		391	1,205	2,401	3,007	3,315	3,764	4,156		

NA Not available. [1] Includes items not shown separately. [2] Includes mandatory transfers.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and *Financial Statistics of Institutions of Higher Education*, annual.

No. 261. College Enrollment of High School Graduates Who Are Dependent Family Members, 18 to 24 Years Old, by Family Income: 1984

[**In thousands, except as indicated.** As of **October.** Covers civilian noninstitutional population. Degree creditable enrollment. A dependent family member is a relative of the person maintaining the family other than the spouse. Such persons are generally sons and daughters within the family. Based on Current Population Survey; see text, p. 2]

Income class	All races [1]			White			Black		
	Total	In college		Total	In college		Total	In college	
		Number	Percent		Number	Percent		Number	Percent
All income levels	**13,546**	**5,982**	**44.2**	**11,033**	**5,148**	**46.7**	**2,151**	**651**	**30.3**
Under $10,000	1,774	437	24.6	924	240	26.0	767	169	22.0
$10,000 to $14,999	1,166	355	30.4	824	250	30.3	310	91	29.4
$15,000 to $19,999	1,291	443	34.3	924	302	32.7	329	120	36.5
$20,000 to $24,999	1,280	532	41.6	1,009	448	44.4	231	59	25.5
$25,000 to $34,999	2,499	1,154	46.2	2,232	1,046	46.9	216	80	37.0
$35,000 and over	4,774	2,688	56.3	4,418	2,514	56.9	254	124	48.2
Not reported	764	374	49.0	703	350	49.8	42	9	(B)
Median family income (dol.)	28,521	33,986	(X)	31,649	35,000+	(X)	14,637	17,542	(X)

B Base too small to meet standard of reliability. X Not applicable. [1] Includes other races, not shown separately.

Source: U.S. Bureau of the Census, unpublished data.

No. 262. Institutions of Higher Education—Number, 1983, and Enrollment, 1980 and 1983, Selected Characteristics, States and Other Areas

[Number of institutions for academic year beginning 1983. Opening fall enrollment of resident and extension students attending full-time or part-time. Excludes students taking courses at home for credit, by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries. See Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, and state or other area	1980		1983									
				Enrollment (1,000)								
	Total enrollment (1,000)	First-time freshmen (1,000)	Number of institutions [1]	Total	Male	Female	Public	Private	Full-time	Part-time	First-time freshmen
U.S	**12,096.9**	**2,587.8**	**3,284**	**12,465**	**6,024**	**6,441**	**9,683**	**2,782**	**7,261**	**5,204**	**2,444**
Region:											
Northeast	2,587.2	522.2	821	2,677	1,265	1,414	1,541	1,139	1,655	1,025	523
Midwest	3,044.4	720.9	863	3,184	1,561	1,622	2,516	669	1,901	1,282	678
South	3,437.3	739.5	1,035	3,667	1,748	1,919	3,029	635	2,224	1,445	730
West	2,978.2	600.2	555	2,884	1,404	1,479	2,541	340	1,429	1,453	508
N.E	**765.6**	**166.4**	**261**	**795**	**372**	**425**	**404**	**394**	**482**	**315**	**169**
ME	43.3	9.9	29	53	22	32	34	20	30	24	10
NH	46.8	12.1	28	53	26	28	26	27	36	17	12
VT	30.6	6.7	22	31	14	17	19	13	22	9	6
MA	418.4	89.9	120	423	200	223	186	237	264	160	87
RI	66.9	12.8	13	71	34	37	36	35	44	27	19
CT	159.6	35.0	49	164	76	88	103	62	86	78	35
M.A	**1,821.6**	**355.8**	**560**	**1,882**	**893**	**989**	**1,137**	**745**	**1,173**	**710**	**354**
NY	992.2	182.5	298	1,023	478	545	579	443	648	375	178
NJ	321.6	64.7	60	314	144	170	251	64	162	152	56
PA	507.7	108.6	202	545	271	274	307	238	363	183	120
E.N.C	**2,169.9**	**516.1**	**526**	**2,259**	**1,104**	**1,154**	**1,795**	**464**	**1,294**	**964**	**484**
OH	489.1	110.9	140	536	274	261	385	140	321	215	113
IN	247.3	57.0	74	256	130	126	197	60	171	85	61
IL	644.2	148.4	158	673	317	356	517	156	337	336	142
MI	520.1	125.0	92	516	247	269	444	72	280	236	100
WI	269.1	74.8	62	278	136	142	242	36	185	92	68
W.N.C	**874.5**	**204.8**	**337**	**925**	**457**	**468**	**721**	**205**	**607**	**318**	**194**
MN	206.7	43.0	67	214	103	111	168	46	143	71	42
IA	140.4	38.7	58	153	78	75	110	43	114	39	38
MO	234.4	50.4	92	248	123	125	177	71	152	96	50
ND	34.1	10.3	19	38	20	18	35	3	30	8	9
SD	32.8	8.0	20	35	17	17	26	9	26	9	7
NE	89.5	24.4	28	95	48	48	78	18	58	37	19
KS	136.6	30.0	53	142	68	74	127	15	84	58	29
S.A	**1,723.7**	**349.1**	**537**	**1,804**	**844**	**962**	**1,432**	**372**	**1,058**	**748**	**333**
DE	32.9	8.5	8	32	14	18	28	4	21	11	6
MD	225.5	48.9	55	239	107	132	207	33	114	125	45
DC	86.7	14.6	19	80	40	41	14	66	48	33	10
VA	280.5	40.5	70	289	130	158	251	37	166	122	41
WV	82.0	16.1	29	83	39	44	72	11	53	31	16
NC	287.5	69.7	128	302	141	161	242	60	198	104	67
SC	132.5	35.4	63	135	64	71	107	28	96	38	29
GA	184.2	34.9	80	201	98	104	154	47	136	66	38
FL	411.9	80.4	85	443	211	233	357	86	226	218	81
E.S.C	**614.3**	**140.4**	**227**	**636**	**298**	**337**	**523**	**112**	**443**	**194**	**144**
KY	143.1	31.1	44	147	67	80	116	30	99	48	27
TN	204.6	45.0	81	208	99	109	159	49	139	69	41
AL	164.3	40.6	60	171	82	89	150	21	122	50	41
MS	102.4	23.6	42	110	50	59	98	12	83	27	35
W.S.C	**1,099.3**	**250.0**	**271**	**1,227**	**606**	**620**	**1,074**	**151**	**723**	**503**	**253**
AR	77.6	19.1	35	77	36	41	65	11	56	21	18
LA	160.1	33.7	32	180	86	93	155	24	127	52	33
OK	160.3	32.6	46	174	86	88	151	23	100	74	34
TX	701.4	164.6	158	796	398	398	703	93	440	356	168
Mt	**657.7**	**150.3**	**153**	**704**	**353**	**351**	**619**	**82**	**396**	**307**	**146**
MT	35.2	7.8	15	38	19	19	34	4	28	10	7
ID	43.0	11.4	10	43	22	21	34	8	30	13	9
WY	21.1	5.2	8	24	12	12	24	-	14	10	6
CO	162.9	29.3	48	173	85	87	152	20	107	65	27
NM	58.3	9.6	20	66	32	34	63	3	38	28	9
AZ	202.7	61.3	30	213	104	109	201	12	98	115	58
UT	94.0	19.9	14	103	59	45	68	35	67	36	19
NV	40.5	5.9	8	44	20	24	43	(Z)	14	30	11
Pac	**2,320.5**	**449.9**	**402**	**2,180**	**1,051**	**1,128**	**1,922**	**258**	**1,033**	**1,146**	**362**
WA	303.6	24.8	50	230	109	120	199	30	148	81	26
OR	157.5	45.0	47	141	71	70	123	19	88	53	35
CA	1,791.0	360.2	278	1,731	834	897	1,529	202	759	972	289
AK	21.3	10.8	15	26	11	15	25	1	8	18	2
HI	47.2	9.1	12	52	26	26	46	6	30	22	10
U.S. military [2]	**49.8**	**4.6**	**10**	**53**	**48**	**5**	**53**	**-**	**53**	**(Z)**	**4**
Other [3]	**137.7**	**37.5**	**46**	**169**	**69**	**100**	**68**	**102**	**137**	**32**	**42**
PR	131.2	36.3	39	161	66	95	60	102	133	28	40
GU	3.2	.7	2	3	2	2	3	-	2	1	1
VI	2.1	.2	1	3	1	2	3	-	1	2	(Z)

- Represents zero. Z Less than 500. [1] Branch campuses counted as separate institutions. [2] Military academies. [3] 1980 includes American Samoa and Trust Territory, not shown separately; 1983 also includes the Northern Mariana Islands.

Source: U.S. National Center for Education Statistics, *Fall Enrollment in Higher Education*, annual; and *Education Directory: Colleges and Universities*, annual.

NO. 263. INSTITUTIONS OF HIGHER EDUCATION—FINANCES: 1970 TO 1982

[**In millions of dollars.** For fiscal years ending in year shown. For coverage, see headnote, table 252. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 729-738 and H 747-749]

ITEM	1970	1975	1978	1979	1980	1981	1982		
							Total	Public	Private
Current funds revenues	**21,515**	**35,687**	**47,034**	**51,838**	**58,520**	**65,585**	**72,191**	**47,271**	**24,920**
Educational and general	16,486	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Tuition and fees	4,420	7,233	9,855	10,704	11,930	13,773	15,774	6,395	9,379
Federal Government	2,682	4,991	6,113	6,844	7,772	8,479	8,320	5,296	3,023
State government	5,788	10,857	14,746	16,364	18,378	20,106	21,849	21,397	452
Local government	775	1,424	1,744	1,573	1,588	1,791	1,938	1,757	181
Endowment earnings	447	718	832	985	1,177	1,364	1,597	244	1,353
Private gifts, grants, and contracts [1]	1,001	1,745	2,320	2,489	2,808	3,177	3,564	1,277	2,287
Related activities [2]	1,373	555	883	1,037	1,239	1,410	1,583	1,072	511
Auxiliary enterprises	2,900	4,080	5,328	5,741	6,481	7,287	8,122	5,123	2,999
Other funds revenues	2,129	4,083	5,212	6,100	7,146	8,198	9,446	4,710	4,736
Plant funds [3]	(NA)	3,311	3,293	3,676	4,382	4,774	5,185	3,480	1,704
Increase in fund balance	368	486	1,032	1,373	2,153	2,793	2,224	462	1,761
Endowment	368	229	758	1,100	1,874	2,493	2,030	415	1,615
Annuity and life income	(NA)	26	45	69	64	56	49	7	41
Loans	(NA)	231	229	203	215	244	145	40	105
Current funds expenditures [4]	**21,403**	**35,058**	**45,971**	**50,721**	**56,914**	**64,053**	**70,339**	**46,219**	**24,120**
Educational and general		27,548	36,257	39,833	44,543	50,074	54,849	37,171	17,678
Instruction		11,798	15,336	16,663	18,497	20,733	22,963	16,348	6,614
Institutional support		3,057	4,142	4,557	5,054	5,773	6,471	3,957	2,514
Research		3,132	3,920	4,448	5,099	5,658	5,930	4,005	1,925
Plant operation [5]		2,787	3,795	4,179	4,700	5,350	5,979	4,104	1,875
Academic support		2,256	3,130	3,471	3,876	4,273	4,656	3,298	1,358
Libraries		1,002	1,349	1,427	1,624	1,759	1,922	1,288	635
Student services	(NA)	1,439	2,035	2,275	2,567	2,909	3,177	2,086	1,091
Scholarships and fellowships		1,450	1,839	1,945	2,200	2,505	2,685	1,089	1,596
Unrestricted funds		632	816	883	905	1,081	1,236	375	861
Restricted funds		818	1,021	1,061	1,296	1,424	1,449	714	735
Public service		1,098	1,425	1,593	1,817	2,058	2,204	1,812	392
Mandatory transfers		532	634	703	732	815	784	471	313
Auxiliary enterprises [4]		4,074	5,261	5,750	6,486	7,288	7,998	5,070	2,928
Hospitals [4]		2,351	3,598	4,131	4,757	5,433	6,234	3,902	2,332
Independent operations [4]		1,087	855	1,007	1,128	1,258	1,259	76	1,182
Gross addition to plant value [6]	**4,233**	**4,761**	**4,527**	**4,576**	**5,551**	**6,471**	**6,975**	**4,594**	**2,382**
Value of plant (grounds, buildings, equipment)	**42,094**	**62,183**	**74,771**	**78,638**	**83,733**	**88,761**	**94,517**	**64,136**	**30,381**
Endowment (book value) [7]	**10,854**	**13,403**	**15,568**	**16,804**	**18,561**	**20,941**	**23,085**	**4,566**	**18,520**

NA Not available. X Not applicable. [1] Private grants represent nongovernmental revenue for sponsored research and other sponsored programs. Beginning 1975, includes private contracts. [2] 1970 represents related activities, sales and services of educational departments, and other miscellaneous; beginning 1975, sales and services of educational departments only. [3] Annual net increase in plant funds. [4] Includes mandatory transfers which are primarily current expenditures for plant. [5] Includes maintenance. [6] Includes expenditures from current funds for plant expansion. [7] Includes funds functioning as endowment funds.

Source: U.S. National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education*, annual.

NO. 264. HIGHER EDUCATION PRICE INDEXES: 1965 TO 1984

[**1967=100.** For years ending **June 30.** Reflects prices paid by colleges and universities. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	Index, total	Average annual percent change [1]	PERSONNEL COMPENSATION				CONTRACTED SERVICES, SUPPLIES, AND EQUIPMENT					
			Total	Professional salaries	Nonprofessional salaries	Fringe benefits	Total	Services	Supplies and materials	Equipment	Books, periodicals	Utilities
1965	91	4.3	89	89	94	78	96	95	96	95	91	100
1970	121	5.9	124	121	118	146	111	113	106	111	121	104
1972	136	5.6	138	133	136	180	126	126	113	119	164	122
1973	143	5.3	146	138	144	198	132	132	116	123	177	129
1974	153	7.1	155	145	153	222	145	138	132	131	195	158
1975	166	8.6	166	154	166	241	169	150	164	154	220	203
1976	177	6.6	176	162	179	267	180	157	172	163	252	219
1977	189	6.5	187	169	192	295	195	167	181	172	268	258
1978	201	6.7	199	173	207	324	209	176	188	183	286	293
1979	217	7.7	215	189	223	367	226	187	203	198	316	321
1980	238	9.9	232	202	243	409	261	202	239	216	364	409
1981	264	10.7	255	220	266	460	299	225	270	237	400	508
1982	290	10.0	279	239	287	528	332	251	284	255	443	589
1983	309	6.3	298	255	303	569	350	265	283	265	470	638
1984	325	5.4	316	267	319	633	360	277	292	270	487	643

[1] Change from immediate prior year shown.

Source: U.S. National Institute of Education, *Inflation Measures for Schools and Colleges*, 1983; beginning 1983, Research Associates of Washington, Washington, DC, *Higher Education Prices and Price Indexes*, annual.

No. 265. Institutions of Higher Education—Charges: 1970 to 1986

[**In dollars, except percent.** Estimated. Data are for the entire academic year ending in year shown. Figures for 1970 are average charges for full-time resident degree-credit students; figures for later years are average charges per full-time equivalent student. Room and board are based on full-time students]

Academic control and year	Tuition and required fees				Board rates				Dormitory charges			
	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools
Public:												
1970	323	178	427	306	511	465	540	483	369	308	395	346
1975	432	277	599	448	625	638	634	613	506	424	527	497
1980	583	355	840	662	867	894	898	833	715	572	749	703
1981	633	385	915	721	940	1,000	969	904	798	635	827	795
1982	721	432	1,042	813	1,038	1,088	1,067	1,003	909	697	970	885
1983	798	473	1,164	936	1,136	1,162	1,167	1,103	1,010	755	1,072	993
1984	891	528	1,284	1,052	1,178	1,205	1,213	1,141	1,087	801	1,131	1,092
1985, prel	960	579	1,388	1,116	1,231	1,296	1,261	1,195	1,192	919	1,239	1,192
1986 prel	1,040	620	1,510	1,200	1,290	1,370	1,310	1,240	1,300	1,010	1,336	1,310
Average annual percent change:												
1970–1975	6.0	9.3	7.0	7.9	4.1	6.5	3.3	4.9	6.5	6.6	5.9	7.5
1975–1980	6.2	5.1	7.0	8.1	6.8	7.0	7.2	6.3	7.2	6.2	7.3	7.2
1980–1985	10.5	10.3	10.6	11.0	7.3	7.7	7.0	7.5	10.8	10.0	10.6	11.1
Private:												
1970	1,533	1,034	1,809	1,468	561	546	608	543	436	413	503	409
1975	2,117	1,367	2,614	1,954	700	660	771	666	586	564	691	536
1980	3,130	2,062	3,811	3,020	955	924	1,078	911	827	769	999	768
1981	3,498	2,413	4,275	3,390	1,053	997	1,208	999	917	880	1,083	860
1982	3,972	2,697	4,887	3,855	1,175	1,118	1,326	1,124	1,037	1,025	1,226	970
1983	4,439	3,008	5,583	4,329	1,300	1,179	1,501	1,234	1,181	1,177	1,453	1,083
1984	4,851	3,099	6,217	4,726	1,380	1,219	1,559	1,327	1,278	1,253	1,531	1,191
1985, prel	5,281	3,348	6,826	5,126	1,445	1,262	1,644	1,385	1,430	1,371	1,754	1,320
1986 prel	5,720	3,620	7,440	5,540	1,530	1,310	1,720	1,470	1,580	1,480	1,940	1,470

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 266. Major Federal Student Financial Assistance Programs—Type of Program, Number of Recipients, and Funds Utilized: 1970 to 1986

[For years ending **June 30,** except College Work-Study for calendar year **1970** and, beginning **1979,** Guaranteed Student Loan as of **September 30.** For information on various programs, see source. Funds utilized exclude operating costs, etc. and represent funds given to students]

Program	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985, prel.	1986, proj.
Pell Grants:											
Number of recipients	1,000	(X)	573	1,893	2,538	2,650	2,606	2,826	2,850	2,881	2,834
Funds utilized	Mil. dol	(X)	357	1,561	2,505	2,400	2,419	2,818	3,177	3,681	3,658
Average grant	Dollars	(X)	621	825	987	906	928	992	1,110	1,273	1,285
Supplemental Educational Opportunity Grants:[1]											
Number of recipients	1,000	258.2	395.0	510.0	606.0	657.7	654.3	635.7	620.4	655.0	720.0
Funds utilized	Mil. dol	113	200	266	336	367	352	343	341	360	396
Average grant	Dollars	440	506	522	555	558	538	540	550	550	550
National Direct Student Loans:											
Number of recipients	1,000	456.0	680.0	808.6	958.2	803.9	810.0	674.0	829.0	867.0	956.0
Loan funds utilized[2]	Mil. dol	246	440	640	650	685	695	[3] 595	[3] 730	[3] 763	[3] 841
Average loan	Dollars	540	647	792	679	852	856	882	850	880	880
Loans in default	Mil. dol	(NA)	(NA)	731.7	824.4	887.9	1,024.7	1,044	(NA)	(NA)	(NA)
Default rate[4]	Percent	(NA)	(NA)	16.0	16.1	15.7	[5] 15.9	[5] 14.8	(NA)	(NA)	(NA)
College Work-Study:											
Number of recipients	1,000	385.0	570.0	852.5	925.6	739.1	705.9	721.0	784.7	737.3	788.0
Funds utilized[2]	Mil. dol	173	295	488	601	591	564	630	691	649	693
Average annual earnings	Dollars	450	518	573	650	800	800	874	880	880	880
Guaranteed Student Loans:											
Number of loans	1,000	863	991	1,510	2,314	3,540	2,788	3,039	3,403	3,564	3,712
Loan funds utilized	Mil. dol	811	1,298	2,984	4,840	7,824	6,238	6,928	7,916	8,336	8,776
Average loan	Dollars	940	1,311	1,977	2,091	2,210	2,238	2,279	2,326	2,339	2,364
Loans in default	Mil. dol	(NA)	(NA)	1,200	1,439	1,694	1,984	2,515	3,188	4,058	4,958
Default rate[4]	Percent	(NA)	(NA)	12.0	12.5	12.3	11.2	10.8	10.7	11.2	11.4

NA Not available. X Not applicable. [1] For 1970, data represents Educational Opportunity Grants Program. [2] Includes institutional matching funds. [3] Represents total money available for disbursements. [4] Loans in default as a percent of cumulative matured loans. [5] Preliminary and partially edited.

Source: U.S. Dept. of Education, Office of Student Financial Assistance, *Program Book,* 1984, and unpublished data.

NO. 267. POSTSECONDARY STUDENTS WHO APPLIED FOR FINANCIAL AID—SUMMARY: 1980

[**In percent.** Based on sample and subject to sampling error. For details, see source]

CHARACTERISTIC	Percent [1]	CHARACTERISTIC	Percent [1]
Total	51	Parental savings—Con.	
Family income: $0-$12,000	63	$3,001 to $6,000	47
$12,001–$18,000	56	More than $6,000	36
$18,001–$30,000	53	Number of major Federal financial aid programs known to parents: None	19
$30,001–$48,000	50	One	43
Over $48,000	35	Two	51
Family net worth: [2] –$5,000 or more [3]	52	Three	59
–$4,999 [3] to $99	62	Four	69
$100 to $9,999	56	High school grades: A	71
$10,000 to $49,000	44	A-B	57
More than $50,000	32	B	49
Expected living expenses: None	30	B-C	41
Less than $1,000	56	C or lower	33
$1,000 to $1,999	66	Educational aspiration: Vocational training	33
$2,000 to $2,999	68	Some college	43
$3,000 to $3,999	57	B.A. degree	58
$4,000 or more	50	M.A. or professional degree	63
Parental savings for education: None	51	Race/ethnicity: White [4]	48
Less than $1,000	62	*Black* [4]	*68*
$1,000 to $3,000	53	Hispanic	52
		Other	48

[1] Percent of students applying for aid in each specified group. [2] Difference between total assets (including home equity) and total liabilities. [3] Minus sign (–) indicates in debt. [4] Non-Hispanic.

Source: U.S. National Center for Education Statistics, Bulletin, "Who Applied for Student Financial Aid?" January 1983.

NO. 268. VOLUNTARY FINANCIAL SUPPORT OF HIGHER EDUCATION: 1970 TO 1984

[For school years ending in years shown; enrollment as of **fall** of preceding year. Voluntary support, as defined in *Gift Reporting Standards*, excludes income from endowment and other invested funds as well as all support received from Federal, State, and local governments and their agencies]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984
Estimated support, total [1]	**Mil. dol.**	**1,780**	**2,160**	**3,040**	**3,230**	**3,600**	**4,230**	**4,860**	**5,160**	**5,500**
Foundations	Mil. dol	484	497	623	701	903	922	1,003	1,018	1,081
Individuals	Mil. dol	822	1,002	1,480	1,521	1,757	2,056	2,337	2,427	2,621
Alumni	Mil. dol	381	486	714	785	910	1,049	1,240	1,237	1,305
Business corporations	Mil. dol	269	357	508	556	696	778	976	1,112	1,271
Religious denominations	*Mil. dol*	*102*	*112*	*158*	*161*	*155*	*140*	*175*	*206*	*190*
Current operations	Mil. dol	951	1,370	1,825	2,010	2,250	2,590	2,870	3,125	3,405
Capital purposes	Mil. dol	829	790	1,215	1,220	1,550	1,640	1,990	2,035	2,195
Enrollment, higher education	1,000	8,094	10,224	11,286	11,259	11,570	12,097	12,372	12,426	12,465
Support per student	Dollars	220	211	269	287	328	350	393	415	449
In **1967** dollars	Dollars	194	137	143	139	142	135	140	141	147
Expenditures, higher education	Bil. dol	24.7	38.9	49.4	54.1	62.5	70.5	77.3	83.3	90.0
Expenditures per student	Dollars	3,052	3,805	4,377	4,805	5,402	5,828	6,248	6,704	7,220
In **1967** dollars	Dollars	2,698	2,460	2,373	2,328	2,327	2,245	2,225	2,282	2,369
Institutions reporting support	Number	1,045	986	1,065	972	1,019	928	1,101	1,137	1,118
Total support reported	**Mil. dol**	**1,472**	**1,675**	**2,348**	**2,556**	**3,055**	**3,318**	**4,086**	**4,368**	**4,670**
Private 4-year institutions	Mil. dol	1,154	1,227	1,702	1,823	2,178	2,367	2,835	2,968	3,130
Public 4-year institutions	Mil. dol	292	431	623	715	856	929	1,217	1,362	1,505
Two-year colleges	Mil. dol	26	17	23	18	20	21	34	38	35

[1] Includes other contributions not shown separately.

Source: Council for Financial Aid to Education, New York, NY, *Voluntary Support of Education*, annual.

NO. 269. INSTITUTIONS OF HIGHER EDUCATION—AVERAGE SALARIES AND FRINGE BENEFITS FOR FACULTY MEMBERS, BY TYPE OF CONTROL: 1970 TO 1985

[**In thousands of dollars.** For academic year ending in year shown. Figures are for 9 months teaching for full-time faculty *members in four-year colleges and universities*]

TYPE OF CONTROL AND ACADEMIC RANK	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
AVERAGE SALARIES											
Public: All ranks	13.1	16.6	18.3	19.3	20.5	22.1	23.9	26.2	28.6	29.4	31.2
Professor	17.3	21.7	24.3	25.4	26.8	28.8	31.0	33.7	36.0	37.1	39.6
Associate professor	13.2	16.7	18.6	19.5	20.5	21.9	23.4	25.7	27.5	28.4	30.2
Assistant professor	10.9	13.7	15.2	16.0	16.8	18.0	19.2	21.2	22.6	23.5	25.0
Instructor	9.1	11.2	12.2	13.1	13.9	14.8	15.1	16.7	17.7	19.1	19.5
Private: All ranks	13.1	16.6	18.4	19.4	21.2	22.1	24.4	26.8	29.2	31.1	33.0
Professor	17.8	22.4	25.1	26.2	28.1	30.1	32.7	35.8	38.8	41.5	44.1
Associate professor	12.6	16.0	17.8	18.7	19.8	21.0	23.1	25.4	27.5	29.4	30.9
Assistant professor	10.3	13.0	14.4	15.1	16.0	17.0	18.4	20.4	22.1	23.7	25.0
Instructor	8.6	10.9	11.6	12.1	13.2	13.3	14.4	15.9	17.6	18.4	19.0
AVERAGE FRINGE BENEFITS—ALL RANKS COMBINED											
Public	1.9	2.5	2.7	3.0	3.4	3.9	4.7	5.1	5.4	6.0	7.0
Private	2.2	2.8	3.0	3.3	3.6	4.1	4.9	5.4	5.7	6.4	7.2

Source: Maryse Eymonerie Associates, McLean, Virginia. Data derived from the American Association of University Professors, Washington, DC, *Annual Report on the Economic Status of the Profession.*

NO. 270. INSTITUTIONS OF HIGHER EDUCATION—TENURE STATUS OF FULL-TIME FACULTY, BY TYPE OF INSTITUTION AND RANK OF FACULTY: 1983

[Data are for those institutional units of higher education reporting tenure status. Excludes schools with no tenure status]

TYPE OF INSTITUTION AND STATUS	All institutions [1]	University	Other 4-yr. schools	2-yr. schools	Professor	Associate professor	Assistant professor	Instructor	Lecturer
PUBLIC INSTITUTIONS									
Total faculty	268,501	90,684	112,756	65,061	78,096	68,349	61,665	18,891	5,115
With tenure	184,924	61,179	74,514	49,231	75,282	58,409	19,610	2,142	680
Percent	68.9	67.5	66.1	75.7	96.4	85.5	31.8	11.3	13.3
PRIVATE INSTITUTIONS									
Total faculty	98,851	33,718	63,410	1,723	31,236	27,308	29,090	7,965	1,179
With tenure	55,262	20,333	34,070	859	29,186	20,147	4,730	288	14
Percent	55.9	60.3	53.7	49.9	93.4	73.8	16.3	3.6	1.2

[1] Includes instructional faculty with no academic rank, not shown separately.

Source: U.S. National Center for Education Statistics, *Faculty, Salaries, Tenure and Benefits: 1982–83.*

NO. 271. MONTHLY SALARY OFFERS TO CANDIDATES FOR DEGREES BY FIELD OF STUDY: 1980 TO 1984

[**In dollars.** Data are average beginning salaries based on offers made by business, industrial, government, and nonprofit and educational employers to graduating students. Data from representative colleges throughout U.S.]

FIELD OF STUDY	BACHELOR'S				MASTER'S [1]				DOCTOR'S			
	1980	1982	1983	1984	1980	1982	1983	1984	1980	1982	1983	1984
Accounting	1,293	1,545	1,565	1,627	1,517	1,847	1,891	1,933	(NA)	(NA)	(NA)	(NA)
Business, general [2]	1,218	1,477	1,486	1,555	1,795	2,135	2,215	2,375	(NA)	(NA)	(NA)	(NA)
Marketing [3]	1,145	1,370	1,411	1,485	1,794	2,099	2,122	2,279	(NA)	(NA)	(NA)	(NA)
Engineering:												
Civil	1,554	1,925	1,869	1,897	1,753	2,249	2,260	2,227	2,089	2,851	2,936	3,108
Chemical	1,801	2,256	2,228	2,285	1,947	2,459	2,404	2,557	2,452	3,019	3,130	3,239
Electrical [4]	1,690	2,064	2,128	2,213	1,912	2,369	2,461	2,584	2,534	3,099	3,200	3,430
Mechanical	1,703	2,098	2,096	2,190	1,893	2,332	2,400	2,524	2,426	2,959	3,150	3,199
Nuclear [5]	1,668	2,039	2,078	2,199	1,831	2,300	2,386	2,471	(NA)	(NA)	(NA)	(NA)
Petroleum	1,987	2,539	2,568	2,464	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Engineering technology	1,585	1,958	2,006	2,078	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemistry	1,459	1,751	1,712	1,756	1,668	1,967	2,203	2,228	2,261	2,719	2,694	2,960
Mathematics	1,475	1,777	1,799	1,950	1,685	2,162	2,124	2,397	2,199	2,544	2,585	2,963
Physics	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2,303	2,785	2,903	3,201
Humanities	1,074	1,283	1,380	1,477	1,309	1,512	1,617	1,561	(NA)	(NA)	(NA)	(NA)
Social sciences [6]	1,072	1,286	1,320	1,452	1,298	1,552	1,606	1,648	(NA)	(NA)	(NA)	(NA)
Computer science	1,558	1,908	1,941	2,046	1,858	2,267	2,359	2,505	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Candidates with 1 year or less of full-time nonmilitary employment. [2] For master's degree, offers are after nontechnical undergraduate degree. [3] Includes distribution. [4] Includes computer engineering. [5] Includes engineering physics. [6] Excludes economics.

Source: College Placement Council, Inc., Bethlehem, PA, *A Study of Beginning Offers*, annual. (Copyright.)

NO. 272. EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1950 TO 1983

[**In thousands, except percent.** Except as noted, includes Puerto Rico; beginning 1960 includes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series H 751–763, for similar data. See also Appendix III]

YEAR	TOTAL		BACHELOR'S [1]		MASTER'S		DOCTORATES		PERCENT OF TOTAL		
	Number	Percent male	Male	Female	Male	Female	Male	Female	Bachelor's [1]	Master's	Doctorates
1950	499	75.6	330	104	41	17	6.0	.6	87.0	11.7	1.3
1955	354	65.0	184	104	39	19	8.0	.8	81.1	16.4	2.5
1960	479	65.8	256	139	51	24	8.8	1.0	82.4	15.5	2.1
1965	668	61.5	320	219	76	36	14.7	1.8	80.7	16.8	2.5
1970	1,073	59.6	487	346	126	83	25.9	4.0	77.7	19.5	2.8
1973	1,280	58.7	568	412	155	110	28.6	6.2	76.6	20.7	2.7
1974	1,321	58.0	580	429	158	120	27.4	6.5	76.4	21.1	2.6
1975	1,316	56.8	558	430	162	132	26.8	7.3	75.1	22.3	2.6
1976	1,345	56.2	562	436	168	145	26.3	7.8	74.2	23.3	2.5
1977	1,344	55.4	552	441	168	150	25.2	8.1	73.9	23.7	2.5
1978	1,342	54.3	544	454	162	151	23.7	8.5	74.3	23.3	2.4
1979	1,335	53.3	534	466	154	148	23.6	9.2	74.9	22.6	2.5
1980 [2]	1,330	52.6	526	473	151	147	22.9	9.7	75.1	22.4	2.5
1981 [2]	1,336	51.8	523	484	147	149	22.7	10.2	75.4	22.2	2.5
1982 [2]	1,353	51.2	526	499	146	150	22.2	10.5	75.7	21.8	2.4
1983 [2]	1,365	51.1	530	512	145	145	22.1	11.0	76.3	21.2	2.4

[1] Includes 1st professional degrees. [2] Data for 50 States and DC.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred*, annual.

NO. 273. EARNED DEGREES CONFERRED, BY FIELD OF STUDY, AND LEVEL OF DEGREE: 1971 TO 1983

LEVEL AND FIELD OF STUDY	1971	1975	1977	1978	1979	1980	1981	1982	1983
Bachelor's, total	**839,730**	**922,933**	**919,549**	**921,204**	**921,390**	**929,417**	**935,140**	**952,998**	**969,504**
Agriculture and natural resources	12,672	17,528	21,467	22,650	23,134	22,802	21,886	21,029	20,909
Architecture and environmental design	5,570	8,226	9,222	9,250	9,273	9,132	9,455	9,728	9,823
Area and ethnic studies	2,582	3,544	3,450	3,257	3,006	2,840	2,887	2,862	2,971
Business and management	114,865	133,010	150,964	160,187	171,764	185,361	199,338	214,001	226,892
Communications [1]	10,802	19,248	23,214	25,400	26,457	28,616	31,282	34,222	38,602
Computer and information sciences	2,388	5,033	6,407	7,201	8,719	11,154	15,121	20,267	24,506
Education	176,614	167,015	143,722	136,141	126,109	118,169	108,309	101,113	97,991
Engineering [1]	50,046	46,852	49,283	55,654	62,375	68,893	75,000	80,005	89,270
Foreign languages	19,945	17,606	13,944	12,730	11,825	11,133	10,319	9,841	9,685
Health sciences	25,190	48,858	57,122	59,168	61,819	63,607	63,348	63,385	64,614
Home economics	11,167	16,772	17,439	17,621	18,300	18,411	18,370	17,872	16,705
Law	545	436	559	653	678	683	776	846	1,099
Letters	64,933	48,534	38,849	36,365	34,557	33,497	33,208	34,334	32,743
Liberal/general studies	5,461	13,032	16,763	19,694	19,524	20,069	18,596	18,145	18,524
Library and archival sciences	1,013	1,069	781	693	558	398	375	307	258
Life sciences	35,743	51,741	53,605	51,502	48,846	46,370	43,216	41,639	39,982
Mathematics	24,801	18,181	14,196	12,569	11,806	11,378	11,078	11,599	12,453
Military sciences	357	340	933	386	347	251	305	283	267
Multi/interdisciplinary studies	8,306	15,185	17,149	15,944	14,630	14,404	15,895	17,651	17,282
Parks and recreation	1,621	4,518	5,514	5,623	5,981	5,753	5,729	5,335	5,198
Philosophy, religion, and theology	11,690	13,806	14,267	14,226	13,438	13,276	12,617	12,307	12,536
Physical sciences	21,412	20,778	22,497	22,986	23,207	23,410	23,952	24,052	23,405
Psychology	37,880	50,988	47,373	44,559	42,461	41,962	40,833	41,031	40,364
Protective services	2,045	9,956	14,530	14,889	14,803	15,015	13,707	12,438	12,579
Public affairs	6,252	14,730	17,627	18,078	18,882	18,422	18,714	18,739	16,289
Social sciences	155,236	135,165	116,879	112,827	107,922	103,519	100,345	99,545	95,088
Visual and performing arts	30,394	40,782	41,793	40,951	40,969	40,892	40,479	40,422	39,469
Master's, total	**230,509**	**292,450**	**317,164**	**311,620**	**301,079**	**298,081**	**295,739**	**295,546**	**289,921**
Agriculture and natural resources	2,457	3,067	3,724	4,023	3,994	3,976	4,003	4,163	4,254
Architecture and environmental design	1,705	2,938	3,213	3,115	3,113	3,139	3,153	3,327	3,357
Area and ethnic studies	1,032	1,166	1,052	981	853	852	804	809	826
Business and management	26,481	36,247	46,420	48,326	50,372	55,006	57,898	61,299	65,319
Communications [1]	1,856	2,794	3,091	3,296	2,882	3,082	3,105	3,327	3,604
Computer and information sciences	1,588	2,299	2,798	3,038	3,055	3,647	4,218	4,935	5,321
Education	88,952	120,169	126,825	119,038	111,995	103,951	98,938	93,757	84,853
Engineering [1]	16,443	15,348	16,245	16,398	15,495	16,243	16,709	17,939	19,350
Foreign languages	4,755	3,807	3,147	2,726	2,426	2,236	2,104	2,008	1,759
Health sciences	5,445	9,901	12,323	13,619	14,781	15,068	16,004	15,942	17,068
Home economics	1,452	1,901	2,334	2,613	2,510	2,690	2,570	2,355	2,406
Law	955	1,245	1,574	1,786	1,647	1,817	1,832	1,893	2,091
Letters	11,148	10,068	8,701	8,306	7,269	6,807	6,515	6,421	5,767
Liberal/general studies	549	1,630	1,492	1,387	1,251	1,373	1,085	1,094	889
Library and archival sciences	7,001	8,091	7,572	6,914	5,906	5,374	4,859	4,506	3,979
Life sciences	5,728	6,550	7,114	6,806	6,831	6,510	5,978	5,874	5,696
Mathematics	5,191	4,327	3,695	3,373	3,036	2,860	2,567	2,727	2,837
Military sciences	2	–	43	45	38	46	43	49	110
Multi/interdisciplinary studies	1,157	1,938	3,006	3,100	3,335	3,579	3,434	3,884	2,930
Parks and recreation	218	604	609	574	755	647	643	526	565
Philosophy, religion, and theology	4,036	4,630	4,925	4,578	4,701	5,126	5,449	5,216	5,873
Physical sciences	6,367	5,807	5,331	5,561	5,451	5,219	5,284	5,514	5,290
Psychology	4,431	7,066	8,301	8,160	8,003	7,806	7,998	7,791	8,378
Protective services	194	993	1,681	1,902	1,729	1,805	1,538	1,336	1,300
Public affairs	8,215	14,610	17,917	18,341	18,300	18,413	18,524	18,216	16,245
Social sciences	16,476	16,892	15,395	14,578	12,807	12,101	11,855	11,892	11,112
Visual and performing arts	6,675	8,362	8,636	9,036	8,524	8,708	8,629	8,746	8,742
Doctor's, total	**32,107**	**34,083**	**33,232**	**32,131**	**32,730**	**32,615**	**32,958**	**32,707**	**33,088**
Agriculture and natural resources	1,086	991	893	971	950	991	1,067	1,079	1,149
Architecture and environmental design	36	69	73	73	96	79	93	80	97
Area and ethnic studies	144	165	153	145	135	151	162	102	153
Business and management	807	1,009	863	866	860	792	842	855	809
Communications [1]	145	165	171	191	192	193	182	200	214
Computer and information sciences	128	213	216	196	236	240	252	251	262
Education	6,403	7,446	7,963	7,595	7,736	7,941	7,900	7,680	7,551
Engineering [1]	3,638	3,108	2,586	2,440	2,506	2,507	2,561	2,636	2,831
Foreign languages	781	857	752	649	641	549	588	536	488
Health sciences	459	609	538	638	705	771	827	910	1,155
Home economics	123	156	160	203	219	192	247	247	255
Law	20	21	60	39	46	40	60	22	385
Letters	1,857	1,951	1,723	1,616	1,504	1,500	1,380	1,313	1,176
Life sciences	3,645	3,384	3,397	3,309	3,542	3,636	3,718	3,743	3,341
Mathematics	1,199	975	823	805	730	724	728	681	698
Multi/interdisciplinary studies	80	254	271	246	445	295	256	358	387
Philosophy, religion, and theology	866	1,416	1,593	1,604	1,647	1,693	1,686	1,652	1,612
Physical sciences	4,390	3,626	3,341	3,133	3,102	3,089	3,141	3,286	3,269
Psychology	1,782	2,442	2,761	2,587	2,662	2,768	2,955	2,780	3,108
Public affairs	185	271	316	385	344	372	388	389	347
Social sciences	3,659	4,209	3,784	3,583	3,358	3,219	3,114	3,061	2,931
Visual and performing arts	621	649	662	708	700	655	654	670	692
Other	53	97	133	149	374	218	157	176	178

– Represents zero. [1] Includes technologies.

Source: U. S. National Center for Education Statistics, *Digest of Education Statistics, 1986.*

No. 274. Degrees Conferred in Selected Professions: 1950 to 1983

[First professional degrees for medicine, dentistry, and law. As of **spring.** See Appendix III]

TYPE OF DEGREE AND SEX OF RECIPIENT	1950	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983
Medicine (M.D.):											
Institutions conferring degrees	72	79	86	104	109	109	109	112	116	119	(NA)
Degrees conferred, total	5,612	7,032	8,314	12,447	13,461	14,279	14,786	14,902	15,505	15,814	15,484
Men	5,028	6,645	7,615	10,818	10,891	11,210	11,381	11,416	11,672	11,867	11,350
Women	584	387	699	1,629	2,570	3,069	3,405	3,486	3,833	3,947	4,134
Percent of total	10.4	5.5	8.4	13.1	19.1	21.5	23.0	23.4	24.7	25.0	26.7
Dentistry (D.D.S. or D.M.D.):											
Institutions conferring degrees	40	45	48	52	57	57	58	58	58	58	(NA)
Degrees conferred, total	2,579	3,247	3,718	4,773	5,138	5,189	5,434	5,258	5,460	5,282	5,585
Men	2,561	3,221	3,684	4,627	4,764	4,623	4,794	4,558	4,672	4,467	4,631
Women	18	26	34	146	374	566	640	700	788	815	954
Percent of total	.7	.8	.9	3.1	7.3	10.9	11.8	13.3	14.4	15.4	17.1
Law (LL.B. or J.D.):											
Institutions conferring degrees	(NA)	134	145	154	169	169	175	179	177	180	(NA)
Degrees conferred, total	(NA)	9,240	14,916	29,296	34,104	34,402	35,206	35,647	36,331	35,991	36,540
Men	(NA)	9,010	14,115	24,881	26,447	25,457	25,180	24,893	24,563	23,965	23,322
Women	(NA)	230	801	4,415	7,657	8,945	10,026	10,754	11,768	12,026	13,218
Percent of total	(NA)	2.5	5.4	15.1	22.5	26.0	28.5	30.2	32.4	33.4	36.2
Engineering: [1]											
Degrees conferred, total	57,159	45,624	63,753	65,308	68,114	74,492	80,376	87,643	94,270	100,580	111,451
Bachelor's	52,246	37,679	44,479	46,852	49,283	55,654	62,375	68,893	75,000	80,005	89,270
Master's	4,496	7,159	15,593	15,348	16,245	16,398	15,495	16,243	16,709	17,939	19,350
Doctorate's	417	786	3,681	3,108	2,586	2,440	2,506	2,507	2,561	2,636	2,831
Men	56,968	45,453	63,227	63,853	65,103	69,861	74,168	80,001	85,105	89,706	98,575
Women	191	171	526	1,455	3,011	4,631	6,208	7,642	9,165	10,874	12,876
Percent of total	.3	.4	.8	2.2	4.4	6.2	7.7	8.7	9.7	10.8	11.6

NA Not available. [1] Includes engineering technologies.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 275. Earned Degrees Below Bachelor's, by Curriculum: 1974 to 1982

[**In thousands, except percent.** Includes Puerto Rico and outlying areas through 1980. Covers associate degrees and other awards based on post-secondary curriculums of less than 4 years in institutions of higher education]

TYPE OF CURRICULUM	1974	1975	1976	1977	1978	1979	1980	1981	1982	PERCENT FEMALE	
										1975	1982
All degrees	**429.7**	**448.5**	**487.7**	**511.0**	**524.0**	**515.4**	**512.9**	**533.9**	**560.7**	**48.0**	**53.9**
Arts, science (incl. general programs)	169.2	171.4	174.7	176.0	172.0	162.7	159.6	159.1	161.0	45.3	54.5
Occupational	260.5	277.2	313.0	334.5	352.0	352.7	353.3	374.8	399.7	49.7	53.7
Science and engineering	147.3	159.0	174.8	186.4	194.3	193.5	193.5	214.8	236.4	48.2	46.8
Health services	70.3	76.7	83.5	88.0	90.6	90.0	86.6	86.8	90.5	87.5	88.5
Nursing, R.N.	28.7	32.4	34.3	35.9	36.8	35.9	35.7	35.6	37.5	92.9	93.2
Mechanical and engineering	52.6	56.3	63.3	68.1	71.6	71.3	72.5	89.3	98.8	2.5	8.4
Natural science	16.4	18.0	19.5	20.9	21.2	19.7	19.2	19.6	20.0	30.0	39.6
Data processing	8.0	7.9	8.5	9.4	10.8	12.5	15.1	19.0	27.1	36.1	52.1
Business and commerce	80.5	83.0	96.8	105.7	115.9	121.3	124.5	127.1	129.9	56.9	67.1
Secretarial	27.3	27.5	29.0	30.8	32.8	34.2	33.3	31.7	32.0	98.9	98.4
Public service	32.8	35.2	41.4	42.4	41.9	37.9	35.3	33.0	33.5	39.2	50.3
Police and corrections	15.9	17.0	20.3	20.0	19.3	16.0	14.5	12.6	13.3	12.4	27.4

Source: U.S. National Center for Education Statistics, *Associate Degrees and Other Formal Awards Below the Baccalaureate,* annual; *Digest of Education Statistics,* annual; and unpublished data.

No. 276. Libraries—Number, by Type: 1980 to 1984

TYPE	1980	1981	1984		TYPE	1980	1981	1984	
			Total	Percent				Total	Percent
Total [1]	**31,564**	**32,387**	**32,813**	**100.0**	Academic	4,591	4,796	4,989	15.2
United States	28,638	29,278	29,465	89.8	Junior college	1,191	1,235	1,261	3.8
Public	8,717	8,782	8,796	26.8	Universities, colleges	1,911	1,892	1,986	6.0
Public branches	5,936	6,049	6,260	19.0	Departmental	1,489	1,669	1,742	5.3
Special	4,645	4,637	4,467	13.6	Law, medicine, religious	269	297	513	1.6
Medical	1,674	1,640	1,610	4.9	Armed Forces	485	485	524	1.6
Government	1,260	1,615	1,551	4.7	Law [2]	417	404	434	1.3
Religious	913	870	834	2.5	Outlying areas	113	114	114	.3

[1] Includes public libraries with annual incomes of less than $2,000 or book funds of less than $500, law libraries with less than 10,000 volumes each, Canadian libraries, and libraries in regions administered by the U.S., not shown separately.
[2] Law libraries with more than 10,000 volumes.

Source: R.R. Bowker Co., New York, NY, *The Bowker Annual of Library & Book Trade Information* and *American Library Directory,* annual. (Copyright by Xerox Corporation.)

No. 277. College and University Libraries—Summary: 1982

[Preliminary. For **school year ending in year shown.** Based on survey of academic libraries and joint library systems in the 50 States and DC. Data from Survey of College and University Libraries, Fall 1982. For definition of median, see Guide to Tabular Presentation]

Type of control and enrollment size	Materials circulated		Median number of volumes—		Operating expenses ($1,000)				Staff [3]	
	Total (1,000)	Median (1,000)	Added (1,000)	Held (1,000)	Total [1]	Wages and salaries [2]	Books	Periodicals	Total	Professional staff
All types, public	**138,633**	**31**	**2**	**59**	**1,288,886**	**736,109**	**161,615**	**166,663**	**37,773**	**14,704**
10,000 or more	93,170	167	15	411	840,938	467,298	105,492	118,336	23,569	8,690
5,000 to 9,999	22,261	52	4	79	215,957	127,947	27,260	24,396	6,595	2,672
1,000 to 4,999	21,281	19	2	41	209,948	128,383	26,177	20,606	6,908	3,001
500 to 999	1,441	7	1	24	15,579	9,162	1,800	2,142	508	253
500 or less	480	6	1	15	6,465	3,319	887	1,184	192	89
All types, private	**61,315**	**15**	**2**	**67**	**653,097**	**345,078**	**94,216**	**91,185**	**20,648**	**9,102**
10,000 or more	15,582	233	27	953	213,033	118,224	25,284	31,030	5,784	2,120
5,000 to 9,999	9,726	69	11	289	126,766	66,078	16,713	21,862	4,047	1,587
1,000 to 4,999	23,920	28	4	117	221,697	111,169	37,639	28,620	7,263	3,350
500 to 999	7,400	14	2	64	52,296	27,785	8,005	5,977	1,947	1,094
500 or less	4,687	5	1	23	39,305	21,824	6,575	3,696	1,606	952

[1] Includes expenses not shown separately; excludes capital outlay. [2] Includes fringe benefits; excludes wages for student assistance. [3] Full-time equivalent.

Source: U.S. National Center for Education Statistics, unpublished data.

No. 278. Participants in Postsecondary Education—Selected Characteristics: 1982

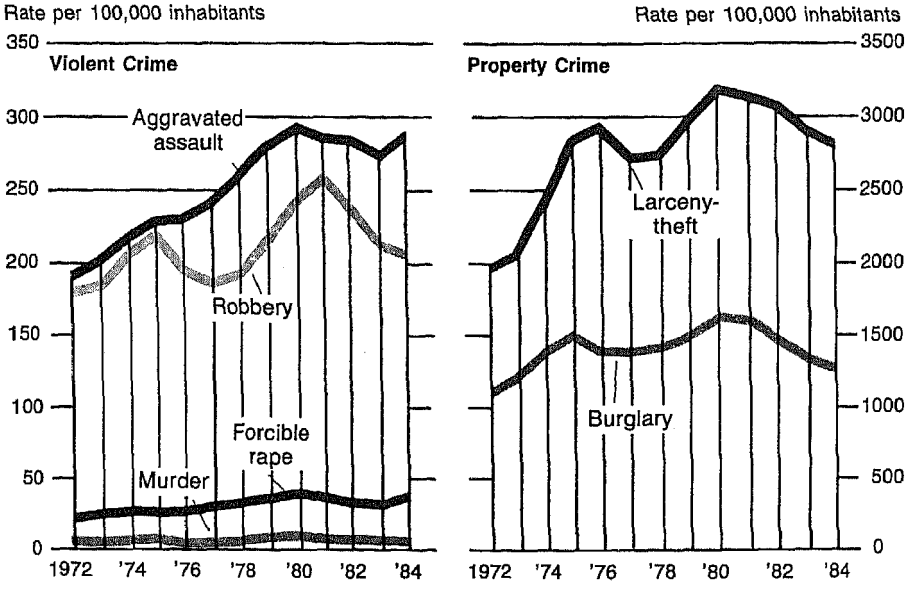
[In **thousands, except percent.** As of **October.** For persons 16 years old and over. Based on Current Population Survey; see Appendix III. For composition of regions, see fig. I, inside front cover]

Item	Total population	Participants in postsecondary education						
		Total	Percent of population	Type of education program				
				Academic [1]		Vocational [2]		Continuing [3]
				Number	Percent	Number	Percent	Number	Percent
Total [4]	**172,882**	**18,206**	**10.5**	**9,243**	**50.8**	**3,787**	**20.8**	**5,177**	**28.4**
Northeast	38,058	3,984	10.5	2,155	54.1	766	19.2	1,063	26.7
Midwest	43,796	4,504	10.3	2,300	51.1	891	19.8	1,312	29.1
South	57,827	5,539	9.6	2,885	52.1	1,268	22.9	1,385	25.0
West	33,201	4,180	12.6	1,902	45.5	862	20.6	1,416	33.9
Men	81,798	8,149	10.0	4,629	56.8	1,712	21.0	1,808	22.2
16–24 years	17,937	4,323	24.1	3,206	74.2	809	18.7	308	7.1
25–34 years	18,879	2,242	11.9	1,094	48.8	524	23.4	621	27.7
35–44 years	13,606	836	6.1	233	27.9	213	25.5	391	46.8
45–54 years	10,710	400	3.7	72	18.0	106	26.5	222	55.5
55–64 years	10,230	258	2.5	20	7.8	50	19.4	188	72.9
65 years and over	10,431	91	1.0	(Z)	(Z)	11	12.1	78	85.7
Women	91,083	10,057	11.0	4,614	45.9	2,074	20.6	3,368	33.5
16–24 years	18,514	4,567	24.7	3,003	65.8	1,024	22.4	540	11.8
25–34 years	19,802	2,648	13.4	1,049	39.6	554	20.9	1,045	39.5
35–44 years	14,406	1,430	9.9	391	27.3	309	21.6	730	51.0
45–54 years	11,520	755	6.6	126	16.7	134	17.7	495	65.6
55–64 years	11,718	407	3.5	35	8.6	45	11.1	326	80.1
65 years and over	15,123	249	1.6	10	4.0	8	3.2	231	92.8
White	149,834	15,863	10.6	7,933	50.0	3,199	20.2	4,731	29.8
Black	18,720	1,622	8.7	918	56.6	449	27.7	255	15.7
Other	4,322	720	16.7	392	54.4	138	19.2	190	26.4
Married [5]	102,337	6,874	6.7	2,078	30.2	1,516	22.1	3,280	47.7
Never married	28,967	9,673	5.7	6,673	69.0	1,863	19.3	1,137	11.8
Other	41,570	1,659	23.3	492	29.7	408	24.6	760	45.8
Employed: Full-time [6]	78,586	6,856	8.7	2,236	32.6	1,676	24.4	2,944	42.9
Part-time [7]	21,232	4,259	20.1	2,697	63.3	834	19.6	728	17.1
Unemployed	10,945	971	8.9	416	42.8	321	33.1	234	24.1
Not in labor force	62,113	6,120	9.9	3,893	63.6	955	15.6	1,271	20.8

Z Rounds to less than 1,000 or .05 percent. [1] Participants pursuing coursework which advances them toward an undergraduate, graduate or professional degree. [2] Participants pursuing coursework in an occupational or technical field for the purpose of obtaining a vocational credential. [3] Persons enrolled in college credit courses which could be applied toward a degree but who are not seeking a degree and those taking courses for academic enrichment, general knowledge, personal development, etc. [4] Includes nonresponse to items. [5] Living with spouse. [6] Worked 35 or more hours per week. [7] Worked less than 35 hours per week.

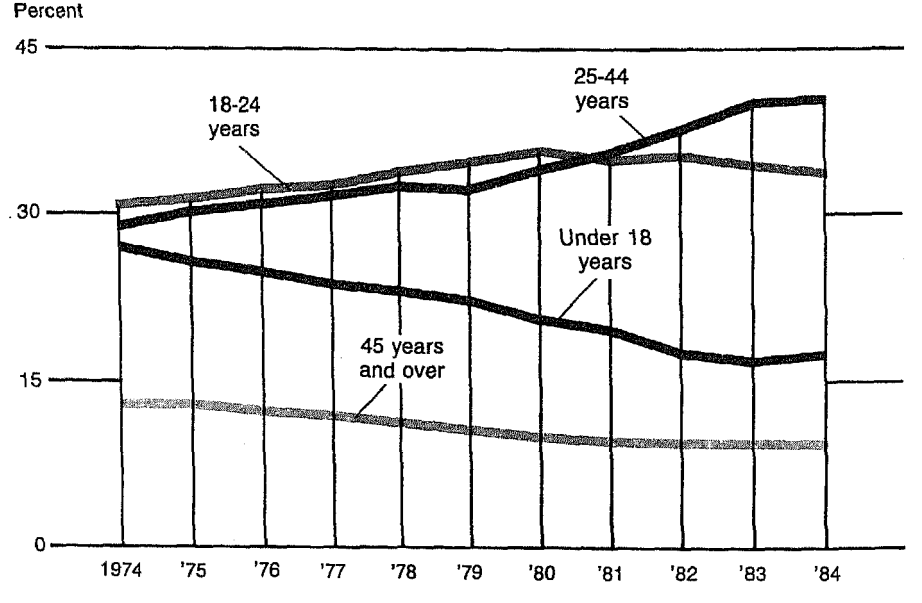
Source: U.S. National Center for Education Statistics, Special Report, "Participants in Postsecondary Education: October 1982," November 1984.

Figure 6.1
Selected Crime Rates: 1972 to 1984

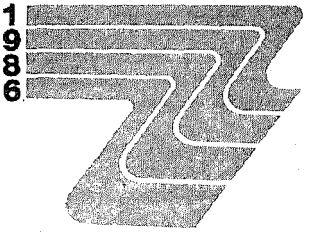


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 279.

Figure 6.2
Persons Arrested—Percent by Age: 1974 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 296.



Section 6

Law Enforcement, Courts, and Prisons

This section presents data on crimes committed, victims of crimes, arrests, and related data. A major source of these data is the Bureau of Justice Statistics (BJS). BJS issues several reports, including *Sourcebook of Criminal Justice Statistics, Criminal Victimization in the United States, Prisoners in State and Federal Institutions, Children in Custody, National Survey of Court Organization, Census of State Correctional Facilities, Census of Jails and Survey of Jail Inmates, Parole in the United States,* and *Capital Punishment.* In addition, the annual *Expenditure and Employment Data for the Criminal Justice System* is issued jointly by BJS and the Bureau of the Census. For other BJS reports, see "Law Enforcement, Courts, and Prisons" in Appendix IV.

Other major sources of these data include: *Crime in the United States,* issued annually by the Federal Bureau of Investigation (FBI); the *Annual Report of the Director, Federal Court Management Statistics, Federal Offenders,* and *Sentences Imposed Chart* issued by the Administrative Office of the U.S. Courts; *Governmental Finances and Public Employment,* issued annually by the Bureau of the Census; and the *Statistical Report,* issued annually by the Federal Bureau of Prisons. *State Court Caseload Statistics* are issued annually by the National Center for State Courts.

Legal jurisdiction and law enforcement.—Law enforcement is, for the most part, a function of State and local officers and agencies. The U.S. Constitution reserves general police powers to the States. By act of Congress, Federal offenses include only offenses against the U.S. Government and against or by its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce. Excluding the military, there are 52 separate criminal law jurisdictions in the United States: 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. While the systems of law enforcement are quite similar among the States, there are often substantial differences in the penalties for like offenses.

Law enforcement can be divided into three parts. The first covers investigation of crimes and arrests of persons suspected of committing them; the second phase is prosecution of those charged with crime; and the third phase is concerned with the punishment or treatment of persons convicted of crime.

Crime.—There are two major approaches taken in determining the extent of crime. One perspective is provided by the FBI through its Uniform Crime Reporting Program (UCR). The FBI receives monthly and annual reports from law enforcement agencies throughout the country, currently representing 97 percent of the national population. Each month, city police, sheriffs, and State police file reports on the number of index offenses that become known to them. The FBI Crime Index offenses are as follows: *Murder and nonnegligent manslaughter,* is based on police investigations, as opposed to the determination of a medical examiner or judicial body, includes willful felonious homicides, and excludes attempts and assaults to kill, suicides, accidental deaths, justifiable homicides, and deaths caused by negligence; *forcible rape* includes forcible rapes and attempts; *robbery* includes stealing or taking anything of value by force or violence or threat of force or violence and includes attempted robbery; *aggravated assault* includes assault with intent to kill; *burglary* includes any unlawful entry to commit a felony or a theft and includes attempted burglary and burglary followed by larceny; *larceny* includes theft of property or articles of value without use of force and violence or fraud and excludes embezzlement, "con games," forgery, etc.; *motor vehicle theft* includes all cases where vehicles are driven away and abandoned, but excludes vehicles taken for temporary use and returned by the taker. Arson was added as the eighth Index offense in April 1979 following a Congressional mandate. Arson includes any willful or malicious burning or attempt to burn with or without intent to defraud, a dwelling house, public building, motor vehicle or aircraft, personal property of another, etc.

The monthly Uniform Crime Reports also contain data on crimes cleared by arrest and on characteristics of persons arrested for all criminal offenses. In summarizing and publishing crime data, the FBI does not vouch for the validity of the reports it receives, but presents the data as information useful to persons concerned with the problem of crime and criminal-law enforcement.

National Crime Survey (NCS)—A second perspective on crime is provided by the NCS of the Bureau of Justice Statistics. The NCS includes offenses reported to the police, as well as those not

reported (see table below for percent of victimizations reported to the police). Details about the crimes come directly from the victims. No attempt is made to validate the information against police records or any other source. The NCS measures rape, robbery, assault, household and personal larceny, burglary, and motor vehicle theft.

Murder and kidnaping are not covered. Commercial burglary and robbery were dropped from the program during 1977. The so-called victimless crimes, such as drunkenness, drug abuse, and prostitution, also are excluded, as are crimes for which it is difficult to identify knowledgeable respondents or to locate data records.

Crimes of which the victim may not be aware also cannot be measured effectively. Buying stolen property may fall into this category, as may some instances of embezzlement. Attempted crimes of many types probably are under recorded for this reason. Events in which the victim has shown a willingness to participate in illegal activity also are excluded (e.g., gambling, various types of swindles, con games, and blackmail).

In any encounter involving a personal crime, more than one criminal act can be committed against an individual. For example; a rape may be associated with a robbery; or a household offense, such as a burglary, can escalate into something more serious in the event of a personal confrontation. In classifying the survey-measured crimes, each criminal incident has been counted only once—by the most serious act that took place during the incident and ranked in accordance with the seriousness classification system used by the Federal Bureau of Investigation. The order of seriousness for crimes against persons is as follows: Rape, robbery, assault, and larceny. Consequently, if a person were both robbed and assaulted, the event would be classified as robbery; if the victim suffered physical harm, the crime would be categorized as robbery with injury. Personal crimes take precedence over household offenses.

A *victimization*, basic measure of the occurrence of crime, is a specific criminal act as it affects a single victim. The number of victimizations is determined by the number of victims of such acts. Victimization counts serve as key elements in computing rates of victimization. For crimes against persons, the rates are based on the total number of individuals age 12 and over or on a portion of that population sharing a particular characteristic or set of traits. As general indicators of the danger of having been victimized during the reference period, the rates are not sufficiently refined to represent true measures of risk for specific individuals or households. For further details regarding the NCS, see *Criminal Victimization in the United States*, by the U.S. Bureau of Justice Statistics.

An *incident* is a specific criminal act involving one or more victims; therefore the number of incidents of personal crime is lower than that of victimizations. Incident figures are used in describing the settings and circumstances in which crimes occurred, including the time and place of occurrence, number of victims and offenders, and use of weapons. For crimes against households, victimizations and incidents are synonymous.

NCS estimates appearing in 1980 and earlier reports made use of population controls derived from the 1970 census. Thereafter, the 1980 census was used. Victimization rates, key measures of the occurrence of crime, and all percentages generally were unaffected by the change in the estimation procedure. Thus, the vast majority of data appearing after 1980 are compatible with data in previous NCS reports.

POLICE REPORTING RATES FOR PERSONAL AND HOUSEHOLD CRIMES: 1974 TO 1983

[Percent of victimization reported to the police]

SECTOR AND TYPE OF CRIME	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Personal sector:										
Crimes of violence	46.9	47.2	48.8	46.1	44.2	45.1	47.1	46.6	48.2	47.2
Rape	51.8	56.2	52.7	58.4	48.8	50.5	41.4	55.7	52.8	47.0
Robbery	53.6	53.3	53.3	55.5	50.5	55.5	56.8	55.8	56.2	52.6
Robbery with injury	61.9	65.0	62.9	66.1	65.4	62.2	69.6	66.6	67.1	66.3
Robbery without injury	49.6	47.9	48.6	49.6	43.8	52.0	50.1	50.7	51.2	45.9
Assault	44.7	45.2	47.5	43.5	42.7	42.4	44.9	43.7	45.9	45.8
Aggravated assault	53.1	55.2	58.4	51.5	52.7	51.3	54.0	52.2	57.6	56.5
Simple assault	38.7	39.0	40.6	38.8	37.0	37.4	39.8	39.0	39.6	40.6
Crimes of theft	24.6	26.3	26.6	24.8	24.6	24.0	26.9	26.7	26.9	26.5
Personal larceny with contact	33.8	34.5	36.2	37.2	33.7	35.6	35.7	40.4	32.7	35.9
Personal larceny without contact	24.2	26.0	26.3	24.5	24.3	23.6	26.5	26.2	26.7	26.1
Household sector:										
Household burglary	47.7	48.6	48.1	48.8	47.1	47.6	51.3	51.1	49.3	48.7
Household larceny	25.2	27.1	27.1	25.4	24.5	25.1	27.5	26.2	26.8	25.4
Motor vehicle theft	67.3	71.1	69.5	68.4	66.1	68.2	69.3	66.6	72.4	68.5

Courts.—Court statistics on criminal offenses and the outcome of prosecutions are incomplete for the country as a whole, although data are available for many States individually. The only national compilations of such statistics were made by the Bureau of the Census for 1932 to 1945 covering a maximum of 32 States.

The bulk of civil and criminal litigation in the country is commenced and determined in the various State courts. Only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by them. Generally, the Federal courts have jurisdiction over the following types of cases: Suits or proceedings by or against the United States; civil actions between private parties arising under the Constitution, laws, or treaties of the United States; civil actions between private litigants who are citizens of different States; civil cases involving admiralty, maritime, or prize jurisdiction; and all matters in bankruptcy.

There are several types of courts with varying degrees of legal jurisdiction. These jurisdictions include original, appellate, general, and limited or special. A *court of original jurisdiction* is one having the authority initially to try a case and pass judgment on the law and the facts; a *court of appellate jurisdiction* is one with the legal authority to review cases and hear appeals; a *court of general jurisdiction* is a trial court of unlimited original jurisdiction in civil and/or criminal cases, also called a "major trial court"; a *court of limited or special jurisdiction* is a trial court with legal authority over only a particular class of cases, such as probate, juvenile, or traffic cases.

The 94 Federal courts of original jurisdiction are known as the U.S. district courts. One or more of these courts is established in every State and one each in the District of Columbia, Puerto Rico, the Virgin Islands, the Northern Mariana Islands, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 13, known as U.S. courts of appeals and the United States Court of Appeals for the Federal Circuit. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

Juvenile offenders.—For statistical purposes, the FBI and most States classify as juvenile offenders persons under the age of 18 years who have committed a crime or crimes.

Delinquency cases are all cases of youths referred to a juvenile court for violation of a law or ordinance or for seriously "antisocial" conduct. Several types of facilities are available for those adjudicated delinquent, ranging from the short-term physically unrestricted environment to the long-term very restrictive atmosphere.

Prisoners.—Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950, by the Federal Bureau of Prisons until 1971, transferred then to the Law Enforcement Assistance Administration, and, in 1979, to the Bureau of Justice Statistics. Adults convicted of criminal activity may be given a prison or jail sentence. A *prison* is a confinement facility having custodial authority over adults sentenced to confinement of more than one year. A *jail* is a facility, usually operated by a local law enforcement agency, holding persons detained pending adjudication and/or persons committed after adjudication to one year or less. Nearly every State publishes annual data either for its whole prison system or for each separate State institution.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability pertaining to the National Crime Survey and Uniform Crime Reporting Program, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

No. 279. Crimes and Crime Rates, by Type: 1975 to 1984

[Data refer to offenses known to the police. Rates are based on Bureau of the Census estimated resident population as of **July 1**, except 1980, enumerated as of **April 1**. Annual totals for years prior to 1984 have been adjusted and may not be consistent with those in prior editions. See source for details. Minus sign (−) indicates decrease. For definitions of crimes, see text, pp. 163 and 164. *See also Historical Statistics, Colonial Times to 1970*, series H 952-961 for related data]

Item and year	Total	Violent crime					Property crime			
		Total	Murder [1]	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny—theft	Motor vehicle theft
Number of offenses (1,000):										
1975	11,292	1,040	20.5	56.1	471	493	10,253	3,265	5,978	1,010
1976	11,350	1,004	18.8	57.1	428	501	10,346	3,109	6,271	966
1977	10,985	1,030	19.1	63.5	413	534	9,955	3,072	5,906	978
1978	11,209	1,086	19.6	67.6	427	571	10,123	3,128	5,991	1,004
1979	12,250	1,208	21.5	76.4	481	629	11,042	3,328	6,601	1,113
1980	13,408	1,345	23.0	83.0	566	673	12,064	3,795	7,137	1,132
1981	13,424	1,362	22.5	82.5	593	664	12,062	3,780	7,194	1,088
1982	12,974	1,322	21.0	78.8	553	669	11,652	3,447	7,143	1,062
1983	12,109	1,258	19.3	78.9	507	653	10,851	3,130	6,713	1,008
1984	11,882	1,273	18.7	84.2	485	685	10,609	2,984	6,592	1,032
Percent change, number of offenses:										
1975–1984	5.2	22.5	−8.9	50.2	3.1	39.1	3.5	−8.6	10.3	2.2
1980–1984	−11.4	−5.3	−18.9	1.5	−14.3	1.9	−12.1	−21.4	−7.6	−8.8
1983–1984	−1.9	1.2	−3.2	6.7	−4.3	4.9	−2.2	−4.6	−1.8	2.4
Rate per 100,000 inhabitants:										
1975	5,299	488	9.6	26.3	221	231	4,811	1,532	2,805	474
1976	5,287	468	8.8	26.6	199	233	4,820	1,448	2,921	450
1977	5,078	476	8.8	29.4	191	247	4,602	1,420	2,730	452
1978	5,140	498	9.0	31.0	196	262	4,643	1,435	2,747	461
1979	5,566	549	9.7	34.7	218	286	5,017	1,512	2,999	506
1980	5,950	597	10.2	36.8	251	299	5,353	1,684	3,167	502
1981	5,858	594	9.8	36.0	259	290	5,264	1,650	3,140	475
1982	5,604	571	9.1	34.0	239	289	5,033	1,489	3,085	459
1983	5,175	538	8.3	33.7	217	279	4,637	1,338	2,869	431
1984	5,031	539	7.9	35.7	205	290	4,492	1,264	2,791	437
Percent change, rate per 100,000 inhabitants:										
1975–1984	−5.0	10.5	−17.7	35.7	−7.0	25.6	−6.6	−17.5	−.5	−7.7
1980–1984	−15.4	−9.6	−22.5	−3.0	−18.2	−2.8	−16.1	−25.0	−11.9	−13.0
1983–1984	−2.8	.3	−4.8	5.9	−5.1	3.9	−3.1	−5.5	−2.7	1.5

[1] Includes nonnegligent manslaughter.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 280. Crimes and Crime Rates, by Type and Area: 1983 and 1984

[**In thousands, except rate.** Rate per 100,000 population; see headnote, table 279. Estimated totals based on reports from city and rural law enforcement agencies representing 97 percent of the national population. For definitions of crimes, see text, pp. 163 and 164]

Type of crime	1983						1984					
	MSA's [1]		Other cities		Rural areas		MSA's [1]		Other cities		Rural areas	
	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate
Total	**10,363**	**5,852**	**1,073**	**4,629**	**634**	**1,881**	**10,268**	**5,717**	**1,015**	**4,451**	**599**	**1,774**
Violent crime	**1,111**	**627**	**73**	**315**	**54**	**161**	**1,148**	**639**	**71**	**313**	**55**	**162**
Murder and nonnegligent manslaughter	16	9	1	5	2	6	16	9	1	5	2	5
Forcible rape	69	39	5	21	5	15	74	41	5	21	6	17
Robbery	483	273	11	49	6	17	470	262	10	44	5	15
Aggravated assault	542	306	56	240	42	124	588	327	55	243	42	124
Property crime	**9,252**	**5,225**	**1,000**	**4,314**	**580**	**1,720**	**9,120**	**5,078**	**944**	**4,139**	**545**	**1,613**
Burglary	2,659	1,501	241	1,039	221	656	2,558	1,424	220	967	206	610
Larceny—theft	5,667	3,200	715	3,085	325	964	5,605	3,121	681	2,988	306	905
Motor vehicle theft	927	523	44	189	34	100	957	533	42	183	33	98

[1] For definition, see text, Appendix II.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 281. CRIME RATES BY STATE, 1980 TO 1984, AND BY TYPE, 1984

[**Offenses known to the police per 100,000 population.** Based on Bureau of the Census estimated resident population as of April 1. For definitions of crimes, see text, pp. 163 and 164. For composition of regions, see fig. I inside front cover]

REGION, DIVISION, AND STATE	1980, total	1982, total	1983, total	1984							
				Total	Violent crime				Property crime		
					Murder [1]	Forcible rape	Robbery	Aggravated assault	Burglary	Larceny—theft	Motor vehicle theft
U.S	**5,950**	**5,604**	**5,175**	**5,031**	**7.9**	**35.7**	**205**	**290**	**1,264**	**2,791**	**437**
Region:											
Northeast	5,767	5,296	4,842	4,562	6.3	27.9	289	260	1,056	2,376	548
Midwest [2]	5,529	5,159	4,833	4,675	6.0	32.9	171	249	1,104	2,683	430
South	5,573	5,401	4,953	4,899	10.0	37.7	163	316	1,298	2,729	344
West	7,388	6,875	6,358	6,210	8.4	43.9	233	330	1,629	3,477	489
N.E	**5,713**	**5,163**	**4,717**	**4,376**	**3.2**	**24.3**	**142**	**227**	**1,062**	**2,335**	**582**
ME	4,368	3,860	3,681	3,527	1.7	13.4	26	117	888	2,319	161
NH	4,680	3,829	3,356	3,138	1.0	20.7	23	89	736	2,079	189
VT	4,988	4,692	4,133	3,968	2.3	19.8	23	100	1,016	2,652	155
MA	6,079	5,504	5,011	4,588	3.6	28.1	175	317	1,100	2,125	840
RI	5,933	5,364	5,005	4,774	3.4	21.3	113	197	1,185	2,563	692
CT	5,882	5,427	4,978	4,629	3.9	24.1	191	175	1,129	2,683	423
M.A	**5,786**	**5,341**	**4,884**	**4,625**	**7.3**	**29.1**	**339**	**271**	**1,053**	**2,390**	**536**
NY	6,912	6,468	5,903	5,577	10.1	31.6	507	366	1,257	2,755	651
NJ	6,401	5,676	5,163	4,856	5.3	32.5	242	247	1,063	2,690	575
PA	3,736	3,453	3,196	3,060	4.5	23.2	148	145	744	1,655	340
E.N.C. [2]	**5,800**	**5,466**	**5,144**	**5,000**	**6.9**	**36.9**	**209**	**276**	**1,173**	**2,780**	**518**
OH	5,431	4,936	4,505	4,273	5.1	34.7	146	200	1,050	2,475	363
IN	4,930	4,430	4,130	3,929	5.5	25.0	99	176	928	2,345	351
IL [2]	6,269	5,840	5,541	5,304	9.0	31.2	304	381	1,173	2,820	586
MI	6,676	6,785	6,478	6,556	9.7	64.8	307	379	1,644	3,288	866
WI	4,799	4,439	4,256	4,172	2.5	16.6	66	111	834	2,907	235
W.N.C	**4,874**	**4,424**	**4,090**	**3,904**	**3.7**	**23.3**	**78**	**185**	**940**	**2,453**	**220**
MN	4,799	4,455	4,034	3,842	1.8	25.3	71	113	991	2,433	207
IA	4,747	4,137	3,919	3,800	2.0	12.9	38	145	871	2,571	158
MO	5,433	4,948	4,530	4,297	7.1	26.5	141	286	1116	2,391	330
ND	2,964	2,648	2,675	2,583	1.2	13.1	8	32	399	2,020	111
SD	3,243	2,645	2,548	2,613	1.8	26.9	15	104	500	1,856	109
NE	4,305	3,951	3,788	3,497	3.4	23.7	43	156	644	2,483	144
KS	5,379	4,952	4,530	4,339	3.7	27.4	72	232	1,049	2,749	207
S.A	**6,081**	**5,656**	**5,109**	**5,033**	**9.5**	**37.3**	**186**	**368**	**1,289**	**2,840**	**304**
DE	6,777	6,385	5,466	5,007	4.1	48.9	116	267	1,089	3,221	260
MD	6,630	6,012	5,357	5,215	8.1	37.7	301	445	1,184	2,841	397
DC [3]	10,236	10,600	9,453	8,799	28.6	63.7	1,014	693	1,767	4,521	711
VA	4,620	4,256	3,962	3,784	7.7	26.7	102	159	842	2,463	183
WV	2,552	2,511	2,419	2,336	4.4	15.6	38	110	648	1,347	173
NC	4,640	4,543	4,184	4,044	8.7	21.6	75	299	1,131	2,331	176
SC	5,439	5,361	4,771	4,663	9.2	40.3	103	472	1,232	2,568	239
GA	5,604	5,215	4,505	4,498	9.4	40.4	144	285	1,205	2,523	292
FL	8,402	7,465	6,781	6,821	11.5	50.7	276	530	1,808	3,719	427
E.S.C	**4,161**	**4,118**	**3,753**	**3,519**	**8.4**	**29.5**	**106**	**228**	**983**	**1,918**	**247**
KY	3,434	3,568	3,435	2,959	6.6	22.2	71	178	785	1,715	180
TN	4,498	4,414	4,012	3,890	8.4	40.0	167	230	1,124	1,954	366
AL	4,934	4,634	4,101	3,902	9.4	25.1	96	301	1,002	2,236	234
MS	3,417	3,573	3,208	3,060	9.7	27.5	61	184	980	1,653	145
W.S.C	**5,657**	**5,771**	**5,413**	**5,489**	**11.9**	**43.0**	**162**	**289**	**1,493**	**3,029**	**462**
AR	3,811	3,872	3,501	3,368	7.5	29.7	66	217	886	1,993	168
LA	5,454	5,311	5,027	5,111	12.9	41.8	191	433	1,226	2,899	308
OK	5,053	5,222	4,929	4,893	7.8	39.9	111	249	1,455	2,573	458
TX	6,143	6,302	5,907	6,030	13.1	45.9	179	267	1,664	3,312	549
Mt	**6,831**	**6,351**	**5,884**	**5,779**	**6.2**	**37.4**	**108**	**290**	**1,407**	**3,598**	**332**
MT	5,024	4,333	4,644	4,653	4.4	20.6	27	185	858	2,286	271
ID	4,782	4,083	3,866	3,672	3.4	18.7	24	189	874	2,411	151
WY	4,986	4,804	4,014	3,683	3.3	20.9	23	195	642	2,645	154
CO	7,333	7,080	6,627	6,471	5.8	39.0	114	299	1,561	4,055	397
NM	5,979	6,608	6,346	6,243	9.1	55.0	130	494	1,640	3,595	321
AZ	8,171	7,131	6,392	6,499	7.8	43.1	131	334	1,714	3,885	385
UT	5,881	5,334	5,118	4,766	2.8	20.3	58	163	858	3,437	227
NV	8,854	7,901	6,701	6,561	10.8	60.7	279	278	1,978	3,459	496
Pac	**7,588**	**7,064**	**6,531**	**6,369**	**9.2**	**46.4**	**279**	**345**	**1,710**	**3,433**	**546**
WA	6,915	6,282	6,078	6,102	4.6	50.0	121	231	1,702	3,746	247
OR	6,687	6,567	6,251	6,244	4.8	44.9	169	288	1,823	3,618	296
CA	7,833	7,265	6,677	6,468	10.6	45.7	328	380	1,729	3,346	630
AK	6,210	6,213	6,019	6,115	11.6	91.6	109	409	1,237	3,628	629
HI	7,482	6,584	5,810	5,484	3.3	30.2	116	83	1,214	3,688	350

[1] Includes nonnegligent manslaughter. [2] 1980–1983 figures were adjusted due to a change in reporting practices in Chicago. [3] Includes offenses reported by the U.S. Park police and the Zoological police.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 282. Crime Rates for Violent Crimes in Cities, by Size Group and for Selected Cities: 1975 to 1984

[Offenses known to the police per 100,000 population. For types of violent crime, see table 283. Rates based on population of cities as estimated by FBI, using Bureau of the Census estimates as of **July 1**, of each year, except **1980** as of **April 1**. Minus sign (–) indicates decrease]

City-size group and city	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	Percent change 1975–1979	Percent change 1980–1984
Cities with population of—												
250,000 or more	1,159	1,095	1,070	1,121	1,238	1,414	1,441	1,354	1,294	1,288	6.8	–8.9
100,000–249,999	632	573	600	627	702	812	826	779	736	756	11.1	–6.9
50,000–99,999	451	416	444	486	526	602	584	561	511	549	16.6	–8.8
25,000–49,999	343	338	342	364	420	455	452	431	403	390	22.4	–14.3
10,000–24,999	288	254	264	276	315	352	342	320	297	287	17.5	–18.5
Fewer than 10,000	232	216	230	245	279	298	291	284	260	251	20.3	–15.8
Selected cities:												
New York, NY	1,781	1,781	1,629	1,694	1,862	2,126	2,220	2,028	1,868	1,846	4.5	–13.2
Baltimore, MD	1,862	1,648	1,726	1,875	1,963	2,112	2,224	2,090	2,003	1,976	5.4	–6.4
Washington, DC	1,774	1,481	1,427	1,412	1,609	2,011	2,275	2,123	1,915	1,722	–9.3	–14.4
Detroit, MI	2,121	2,226	1,829	1,669	1,670	1,945	1,941	2,009	2,169	2,343	–21.3	–20.5
San Francisco, CA	1,364	1,618	1,409	1,596	1,675	1,885	1,735	1,640	1,403	1,302	22.8	–30.9
Los Angeles, CA	1,114	1,167	1,209	1,320	1,515	1,742	1,743	1,739	1,692	1,636	36.0	–6.1
Dallas, TX	885	815	1,019	1,134	1,298	1,409	1,360	1,345	1,149	1,226	46.7	–13.0
Memphis, TN	840	736	784	792	848	1,070	1,079	1,153	1,138	1,399	1.0	30.7
Philadelphia, PA	887	684	635	656	827	1,029	1,044	1,038	1,003	936	–6.8	–9.0
Chicago, IL [1]	1,180	978	935	897	909	960	850	877	1,317	1,990	–23.0	(1)
Phoenix, AZ	696	576	630	775	808	908	795	667	625	732	16.1	–19.4
San Diego, CA	502	532	560	567	656	707	734	635	582	622	30.7	–12.0
Indianapolis, IN	925	838	744	727	813	837	983	938	893	926	–12.1	45.4
San Antonio, TX	549	436	491	422	493	541	567	695	609	629	–10.2	16.3

[1] Beginning 1983, not comparable to prior years.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 283. Crime Rates, by Type—Population-Size Groups and Selected Cities: 1984

[Offenses known to the police per 100,000 population, as of July 1. For definitions of crimes, see text, pp. 163 and 164]

City-size group [1] and city	Crime index, total	Violent crime					Property crime			
		Total	Murder	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny—theft	Motor vehicle theft
Total, 11,576 agencies	**5,222**	**556**	**8.0**	**37**	**216**	**295**	**4,666**	**1,308**	**2,903**	**455**
Total, 7,975 cities	**6,220**	**677**	**9.0**	**42**	**285**	**340**	**5,544**	**1,486**	**3,493**	**565**
Cities with population of—										
250,000 or more	8,596	1,288	18.6	74	670	526	7,308	2,114	4,123	1,070
100,000–249,999	7,462	756	10.4	53	284	408	6,707	1,893	4,277	537
50,000–99,999	5,898	549	5.9	38	185	320	5,349	1,440	3,415	494
25,000–49,999	5,216	390	4.4	29	116	242	4,826	1,205	3,251	369
10,000–24,999	4,315	287	3.4	19	68	196	4,028	956	2,803	270
Fewer than 10,000	3,946	251	2.9	17	39	192	3,695	824	2,677	194
Suburban areas, 5,762 agencies [2]	4,036	330	4.5	25	85	215	3,706	1,022	2,391	294
Rural counties, 2,637 agencies	1,900	160	5.2	18	15	122	1,741	651	987	102
Suburban counties [3]	3,630	363	6.1	30	87	239	3,267	1,067	1,931	269
Selected cities:										
Baltimore, MD	8,286	1,976	27.3	72	1,015	862	6,313	1,755	3,871	687
Chicago, IL	9,170	1,990	24.6	75	947	943	7,179	1,834	3,897	1,448
Dallas, TX	11,486	1,226	29.8	103	490	603	10,260	3,033	6,388	839
Detroit, MI	14,254	2,343	45.3	134	1,619	545	11,910	3,913	4,248	3,749
Indianapolis, IN	6,171	926	10.4	69	391	456	5,245	1,731	2,873	641
Los Angeles, CA	9,452	1,636	24.1	75	869	668	7,816	2,185	4,088	1,543
Memphis, TN	8,064	1,399	17.3	121	728	533	6,665	2,284	3,170	1,211
New York, NY	8,375	1,846	20.2	53	1,110	662	6,529	1,796	3,499	1,234
Philadelphia, PA	4,949	936	15.8	56	562	302	4,014	1,099	2,116	799
Phoenix, AZ	6,190	732	11.6	60	242	418	7,458	2,222	4,726	510
San Antonio, TX	8,852	629	18.7	87	310	213	8,223	2,759	4,655	809
San Diego, CA	6,755	622	10.8	41	275	296	6,132	1,600	3,613	919
San Francisco, CA	8,324	1,302	10.1	69	726	498	7,022	1,837	4,381	804
Washington, DC	8,591	1,722	28.1	59	977	658	6,870	1,756	4,409	702

[1] See headnote, table 282. [2] Consists of cities with less than 50,000 inhabitants together with counties which are within an MSA. Excludes central cities of MSA. Agencies also included in other city and county groups. [3] Represent counties within an MSA excluding counties containing a central city.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 284. Victimization Rates for Crimes Against Persons: 1973 to 1983

[**Rates per 1,000 persons, 12 years old and over.** Includes attempted crimes. Data based on National Crime Survey; see text, pp. 163–165; and Appendix III]

Year and crime	Total [1]	White	Black	Spanish origin [2]	Male			Female			Victim-offender relationship	
					White	Black	Spanish origin [2]	White	Black	Spanish origin [2]	Stranger	Non-stranger
1973, total	33	32	42	36	43	53	53	21	32	22	22	11
1974, total	33	32	41	34	44	54	49	21	29	20	22	11
1975, total	33	32	43	40	42	53	50	21	34	30	21	11
1976, total	33	31	44	35	42	55	55	21	36	23	21	12
1977, total	34	33	42	40	45	57	50	22	29	32	21	13
1978, total	34	33	41	37	45	54	54	22	30	23	21	12
1979, total	35	34	42	41	44	53	55	24	32	29	22	12
1980, total	33	32	41	40	43	53	54	22	31	27	21	12
1981: Total [3]	**35**	**33**	**50**	**39**	**44**	**61**	**53**	**23**	**40**	**26**	**23**	**12**
Rape	1	1	2	1	(B)	(B)	(B)	2	3	2	1	(Z)
Robbery—												
With injury	2	2	4	4	3	5	5	2	4	3	2	(B)
Without injury	5	4	13	9	5	18	13	3	8	5	4	1
Aggravated assault	10	9	14	13	14	20	18	5	10	8	7	3
Simple assault	17	17	17	13	22	17	17	13	16	9	10	7
Personal larceny	85	85	85	86	90	97	86	81	75	86	(X)	(X)
1982: Total [3]	**34**	**33**	**44**	**40**	**42**	**57**	**49**	**25**	**33**	**32**	**22**	**12**
Rape	1	1	1	1	(B)	(B)	(B)	1	1	3	1	(Z)
Robbery—												
With injury	2	2	3	4	3	4	4	1	3	3	2	(B)
Without injury	5	4	11	9	5	15	11	3	8	7	4	1
Aggravated assault	9	9	15	12	13	21	17	5	9	7	6	3
Simple assault	17	18	14	15	21	16	16	14	12	13	10	8
Personal larceny	83	83	84	87	90	96	96	77	75	79	(X)	(X)
1983: Total [3]	**31**	**30**	**41**	**38**	**39**	**50**	**48**	**21**	**33**	**29**	**18**	**13**
Rape	1	1	1	1	(B)	(B)	(B)	1	2	(B)	(Z)	(Z)
Robbery—												
With injury	2	2	4	3	2	6	4	2	2	2	1	1
Without injury	4	3	10	6	5	14	13	2	6	4	3	1
Aggravated assault	8	8	12	10	11	16	14	4	9	6	5	3
Simple assault	16	17	14	16	21	13	18	12	14	15	9	8
Personal larceny	77	77	79	74	83	83	81	72	74	67	(X)	(X)

B Estimated number of victimizations too small to be statistically reliable. X Not applicable. Z Less than .5 percent.
[1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Excludes personal larceny.

No. 285. Victimization Rates for Crimes Against Households: 1973 to 1983

[**Rates per 1,000 households.** Includes attempted offenses. Data based on National Crime Survey; see text, pp. 163–165; and Appendix III]

Year and household characteristic	Burglary			Larceny			Motor vehicle theft		
	Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
1973	92	87	133	107	108	104	19	18	24
1974	93	88	135	124	125	112	19	18	26
1975	92	87	129	125	127	115	19	19	27
1976	89	84	131	124	126	112	16	16	21
1977	89	84	122	123	124	116	17	16	21
1978	86	83	115	120	120	121	18	17	21
1979	84	80	114	134	133	133	18	17	22
1980	84	81	115	127	125	134	17	16	25
1981	88	83	134	121	119	142	17	16	24
1982	78	73	117	114	111	132	16	15	25
1983: All households	**70**	**67**	**98**	**105**	**103**	**119**	**15**	**13**	**25**
Homeowner	56	55	77	91	89	118	11	10	24
Renter	94	91	114	129	132	120	21	20	26
Households with income of—									
Under $3,000	123	123	125	121	139	82	13	11	19
$3,000–$7,499	86	82	109	101	97	112	12	11	17
$7,500–$9,999	68	62	99	100	97	110	11	9	24
$10,000–$14,999	73	71	88	115	111	142	13	12	21.
15,000–$24,999	65	64	86	105	104	120	16	15	21
$25,000 and over	61	59	93	109	107	149	17	16	54

[1] Includes other races not shown separately.

Source of tables 284 and 285: Through 1975, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

NO. 286. VICTIMIZATION RATES FOR CRIMES AGAINST PERSONS AND HOUSEHOLDS, BY TYPE: 1973 TO 1983

[Rate per 1,000 persons, 12 years old and over; and per 1,000 households, except percent change. Data based on National Crime Survey; see text, pp. 163 and 164, and Appendix III. Minus sign (−) indicates decrease]

YEAR OR PERIOD	PERSONAL SECTOR									HOUSEHOLD SECTOR		
	Violent crimes						Larceny—Theft					
	Total	Rape	Robbery	Assault			Total	With contact	Without contact	Burglary	Larceny	Motor vehicle theft
				Total	Aggravated	Simple						
RATE												
1973	32.6	1.0	6.7	24.9	10.1	14.8	91.1	3.1	88.0	91.7	107.0	19.1
1974	33.0	1.0	7.2	24.8	10.4	14.4	95.1	3.1	92.0	93.1	123.8	18.8
1975	32.8	.9	6.8	25.2	9.6	15.6	96.0	3.1	92.9	91.7	125.4	19.5
1976	32.6	.8	6.5	25.3	9.9	15.4	96.1	2.9	93.2	88.9	124.1	16.5
1977	33.9	.9	6.2	26.8	10.0	16.8	97.3	2.7	94.6	88.5	123.3	17.0
1978	33.7	1.0	5.9	26.9	9.7	17.2	96.8	3.1	93.6	86.0	119.9	17.5
1979	34.5	1.1	6.3	27.2	9.9	17.3	91.9	2.9	89.0	84.1	133.7	17.5
1980	33.3	.9	6.6	25.8	9.3	16.5	83.0	3.0	80.0	84.3	126.5	16.7
1981	35.3	1.0	7.4	27.0	9.6	17.3	85.1	3.3	81.9	87.9	121.0	17.1
1982	34.3	.8	7.1	26.4	9.3	17.1	82.5	3.1	79.5	78.2	113.9	16.2
1983	31.0	.8	6.0	24.1	8.0	16.2	76.9	3.0	74.0	70.0	105.2	14.6
PERCENT CHANGE												
1973–1983	−4.8	−14.7	−10.5	−2.9	−21.0	9.3	−15.5	−3.9	−15.9	−23.7	−1.7	−23.5
1974–1983	−6.0	−17.3	−16.0	−2.7	−23.4	12.0	−19.1	−5.1	−19.6	−24.8	−15.0	−22.5
1975–1983	−5.6	−11.0	−10.8	−4.1	−17.2	4.0	−19.9	−4.5	−20.4	−23.7	−16.1	−25.1
1976–1983	−4.9	−3.6	−6.7	−4.4	−19.3	5.0	−19.9	2.1	−20.6	−21.3	−15.2	−11.4
1977–1983	−8.6	−9.0	−3.1	−9.9	−20.2	−3.7	−20.9	11.3	−21.8	−20.9	−14.7	−14.0
1978–1983	−8.1	−16.5	2.4	−10.1	−17.9	−5.7	−20.5	−5.4	−21.0	−18.6	−12.3	−16.7
1979–1983	−10.3	−25.0	−3.7	−11.2	−19.8	−6.4	−16.3	2.8	−16.9	−16.8	−21.3	−16.7
1980–1983	−6.8	−13.8	−8.1	−6.2	−14.0	−1.9	−7.3	−2.6	−7.5	−16.9	−16.8	−12.6
1981–1983	−12.3	−14.7	−18.6	−10.4	−17.4	−6.6	−9.6	−9.2	−9.6	−20.4	−13.1	−14.7
1982–1983	−9.6	-	−14.8	−8.5	−14.5	−5.3	−6.8	−3.6	−6.9	−10.5	−7.6	−9.7

- Represents zero.

Source: U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States,* annual.

NO. 287. HOMICIDE VICTIMS, BY RACE AND SEX: 1960 TO 1982

[Rates per 100,000 resident population in specified group. Beginning 1970, excludes deaths to nonresidents of U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases;* for earlier years, classified according to revision in use at the time, see text, p. 53. See also *Historical Statistics, Colonial Times to 1970,* series H 971–978]

YEAR	HOMICIDE VICTIMS					HOMICIDE RATE[2]				
	Total[1]	White		Black		Total[1]	White		Black	
		Male	Female	Male	Female		Male	Female	Male	Female
1960	8,464	2,832	1,154	3,345	1,013	4.7	3.6	1.4	36.7	10.4
1970	16,848	5,865	1,938	7,265	1,569	8.3	6.8	2.1	67.6	13.3
1975	21,310	8,222	2,751	8,092	1,929	9.9	9.0	2.9	69.0	14.9
1976	19,554	7,568	2,547	7,327	1,767	9.0	8.2	2.6	61.6	13.4
1977	19,968	7,951	2,787	7,135	1,734	9.1	8.6	2.9	59.1	12.9
1978	20,432	8,429	2,771	7,118	1,739	9.2	9.0	2.8	58.1	12.8
1979	22,550	9,392	2,942	7,938	1,874	10.0	9.9	3.0	63.8	13.5
1980	24,278	10,381	3,177	8,385	1,898	10.7	10.9	3.2	66.6	13.5
1981	23,646	9,941	3,125	8,312	1,825	10.3	10.4	3.1	64.8	12.7
1982	22,358	9,260	3,179	7,730	1,743	9.6	9.6	3.1	59.1	12.0

NA Not available. [1] Includes races not shown separately. [2] Rate based on enumerated population figures as of April 1 for 1950, 1960, and 1970; July 1 estimates for other years.

NO. 288. HOMICIDE VICTIMS: 1970 TO 1982

[Excludes deaths of nonresidents of the United States. See headnote, table 287. See also *Historical Statistics, Colonial Times to 1970,* series H 971–986]

ITEM	1970		1978		1979		1980		1981		1982	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Homicides	**13,278**	**3,570**	**15,838**	**4,594**	**17,626**	**4,922**	**19,088**	**5,190**	**18,572**	**5,074**	**17,315**	**5,043**
Assault by—												
Firearms[1]	9,209	2,004	10,997	2,388	12,023	2,479	12,878	2,622	12,548	2,541	11,402	2,428
Percent of total	69.4	56.1	69.4	52.0	68.2	50.4	67.5	50.5	67.6	50.1	65.9	48.1
Cutting and piercing instru	2,229	551	2,729	783	3,196	881	3,461	893	3,469	843	3,380	985
Other means	1,512	1,010	1,854	1,414	2,069	1,554	2,440	1,673	2,271	1,689	2,253	1,625
Intervention of police	328	5	257	8	337	8	309	2	283	1	278	5
Execution	-	-	1	-	3	-	-	-	1	-	2	-
Infanticides[2]	**80**	**70**	**82**	**79**	**104**	**66**	**114**	**96**	**106**	**112**	**139**	**104**

- Represents zero. [1] Includes explosives. [2] Included above; homicide victims under 1 year of age.

Source of tables 287 and 288: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual.

No. 289. Murder Circumstances/Motives: 1977 to 1984

CIRCUMSTANCE	1977	1978	1979	1980	1981	1982	1983	1984
Murders, total	18,033	18,714	20,591	21,860	20,053	19,485	18,673	16,689
PERCENT DISTRIBUTION								
Felonies, total	16.7	16.7	16.9	17.7	17.2	17.7	18.0	18.0
Robbery	9.9	10.2	10.5	10.8	10.4	10.7	10.6	9.3
Narcotics	1.7	1.7	1.9	1.7	1.8	1.8	2.0	2.7
Sex offenses	1.7	1.4	1.6	1.5	1.4	1.4	1.6	1.6
Other felonies	3.4	3.3	2.9	3.7	3.6	3.7	3.9	4.5
Suspected felonies	5.9	5.6	5.3	6.7	5.5	5.2	3.2	2.8
Argument, total	46.6	45.5	42.9	44.6	42.2	40.9	43.7	39.5
Influence of alcohol and/or narcotics [1]	5.3	5.3	4.5	4.7	4.2	4.0	4.2	–
Property or money	3.3	3.5	3.0	2.6	3.0	3.2	2.8	2.7
Romantic triangle	2.8	2.7	2.4	2.3	2.5	2.4	2.6	2.4
Other arguments	35.2	33.9	33.0	35.0	32.5	31.3	34.1	34.4
Other motives	16.6	18.3	17.2	16.9	17.1	16.7	14.2	17.6
Unknown motives	14.2	13.8	17.7	15.1	17.8	19.6	20.9	22.1

– Represents zero.
[1] Murders committed during arguments while under influence of narcotics are not counted in felony murders.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 290. Murder Victims, by Weapons Used or Cause: 1975 to 1984

[Based solely on police investigation. See text, p. 163, for definition of murder]

YEAR	Murder victims, total	WEAPONS USED OR CAUSE OF DEATH									
		Guns			Cutting or stabbing		Blunt object [1]	Personal weapons [2]	Strangulations, asphyxiations	Fire	All other [3]
		Total	Percent of total	Percent handguns	Total	Percent of total					
1975	18,642	12,061	66	51	3,245	17	1,001	1,117	606	193	419
1976	16,605	10,592	64	49	2,956	18	806	1,025	363	227	636
1977	18,033	11,274	63	48	3,440	19	849	1,001	562	252	655
1978	18,714	11,910	64	49	3,526	19	896	1,070	444	255	613
1979	20,591	13,040	63	50	3,954	19	997	1,155	502	276	667
1980	21,860	13,650	62	46	4,212	19	1,094	1,265	505	291	843
1981	20,053	12,523	62	46	3,886	19	1,038	1,132	487	258	729
1982	19,485	11,721	60	43	4,065	21	957	1,298	467	279	698
1983	18,673	10,895	58	44	4,075	22	1,062	1,280	499	216	646
1984	16,689	9,819	59	44	3,540	21	973	1,090	428	192	647

[1] Refers to club, hammer, etc. [2] Hands, fists, feet, etc. [3] Includes poison, drowning, explosives, narcotics, and unknown.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 291. Selected Crimes, by Type: 1984

TYPE OF CRIME	Offenses (1,000)	PERCENT		Average value lost (dol.)	TYPE OF CRIME	Offenses (1,000)	PERCENT		Average value lost (dol.)
		Change from 1983 [1]	Incidence, 1984				Change from 1983 [1]	Incidence, 1984	
Robbery, total [2]	**409**	**−4.3**	**100.0**	**609**	**Larceny—theft, total** [2]	**5,899**	**−1.9**	**100.0**	**376**
Highway	223	−3.3	54.5	430	Pocket picking	68	−2.8	1.1	239
Commercial house	47	−4.2	11.5	991	Purse snatching	73	−7.4	1.2	181
Gas station	14	−1.4	3.3	387	Shoplifting	792	2.7	13.4	79
Convenience store	22	−15.0	5.5	429	From motor vehicles	1,107	−1.4	18.8	399
Residence	45	−6.9	11.0	887	Motor vehicle accessories	1,061	−7.4	18.0	273
Bank	6	−3.3	1.4	2,690	Bicycles	484	−5.9	8.2	162
Burglary, total	**2,652**	**−4.3**	**100.0**	**900**	From buildings	939	−1.6	15.9	556
Residence	1,768	−3.6	66.7	927	From coin-operated machines	51	−3.0	.9	114
Nonresidence	884	−5.8	33.3	846					

[1] Minus sign (−) indicates decrease. [2] Includes types not shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual; and unpublished data.

NO. 292. FIREARM USAGE IN SELECTED CRIMES, BY REGION: 1981 TO 1984

[In percent. For definitions of crimes, see text, pp. 163 and 164. Murder includes nonnegligent manslaughter. For composition of regions see fig. 1 inside front cover.]

REGION	MURDER				AGGRAVATED ASSAULT				ROBBERY			
	1981	1982	1983	1984	1981	1982	1983	1984	1981	1982	1983	1984
U.S. total	62.4	60.2	58.3	58.8	23.6	22.4	21.2	21.1	40.1	39.9	36.7	35.8
Northeast	53.4	52.2	50.5	51.1	16.9	14.9	14.1	13.6	34.6	33.2	30.6	29.7
Midwest	62.8	60.6	59.0	60.5	22.5	23.1	22.2	21.8	38.3	38.9	34.7	36.8
South	68.0	65.8	63.8	63.2	27.8	26.1	24.9	25.3	46.9	47.3	44.3	42.1
West	57.6	55.1	53.6	54.9	23.3	22.0	20.4	20.5	42.0	41.2	37.2	35.7

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 293. LAW ENFORCEMENT OFFICERS KILLED, BY DIVISION: 1973 TO 1984

[Covers officers killed in line of duty; includes Federal officers. For composition of divisions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series H 987-998]

DIVISION	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total killed	176	179	[1] 185	[2] 140	[3] 125	145	[4] 164	[3] 165	[5] 157	[6] 164	[7] 152	147
New England	7	2	4	4	2	4	2	6	5	5	4	4
Middle Atlantic	21	18	24	15	12	13	19	25	12	12	16	17
East North Central	21	43	32	20	10	13	23	14	16	32	20	18
West North Central	6	8	8	10	16	11	5	9	13	9	6	4
South Atlantic	37	42	31	34	31	28	36	32	35	29	27	28
East South Central	13	12	18	14	11	16	22	15	21	13	13	14
West South Central	30	23	22	21	23	30	19	25	24	33	24	27
Mountain	16	9	14	4	3	7	14	11	8	11	10	13
Pacific	21	18	22	13	15	24	18	21	19	16	24	19
Puerto Rico	4	4	8	4	1	4	4	6	3	3	6	3

[1] Includes one officer each in Virgin Islands and Guam. [2] Includes one officer in Colombia. [3] Includes one officer in Virgin Islands. [4] Includes 2 officers in Guam. [5] Includes one officer in American Samoa. [6] Includes one officer in Mariana Islands. [7] Includes one officer each in Guam and Mariana Islands.

NO. 294. LAW ENFORCEMENT OFFICERS ASSAULTED, BY TYPE OF WEAPON USED: 1980 TO 1984

YEAR	Population[1] (1,000)	NUMBER OF—		Total assaulted	Firearm	Knife or cutting instrument	Other dangerous weapon	Hands, fists, feet, etc.
		Agencies represented	Police officers					
1980	182,288	9,235	345,554	57,847	3,295	1,653	5,415	47,484
1981	177,836	9,019	332,856	57,116	3,330	1,733	4,800	47,253
1982	176,563	8,829	319,101	55,775	2,642	1,452	4,879	46,802
1983	198,341	9,908	377,620	62,324	3,067	1,829	5,527	51,901
1984	195,794	10,002	372,268	60,153	2,654	1,662	5,148	50,689

[1] Represents the number of persons covered by agencies shown.

Source of tables 293 and 294: U.S. Federal Bureau of Investigation, *Law Enforcement Officers Killed and Assaulted*, annual.

NO. 295. REPORTED CHILD NEGLECT AND ABUSE CASES, BY DIVISION: 1978 TO 1983

[Derived from data provided by State child protective services personnel to the National Study on Child Neglect and Abuse Reporting, conducted by The American Association for Protecting Children, a division of The American Humane Association, and funded through the National Center on Child Abuse and Neglect, OHDS, DHHS. Represents total number of child maltreatment reports documented within the States, including substantiated and unsubstantiated reports. Also, the figures embody the variation among States with respect to whether they use individual child reports or reports which indicate all involved children in the family. Minus sign (—) indicates decline]

YEAR	U.S., total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Total number of reports (1,000):										
1978	606.6	33.4	76.3	69.1	68.8	96.3	59.5	52.9	38.6	111.7
1979	707.4	41.3	85.5	104.8	66.6	126.2	61.5	61.7	31.9	127.8
1980	785.1	48.3	91.8	105.3	77.7	154.5	58.2	69.7	37.7	141.8
1981	846.2	39.0	101.9	110.5	85.7	174.8	66.1	88.4	37.3	142.5
1982	924.1	49.9	105.5	126.0	96.8	182.1	75.4	95.8	41.5	151.0
1983	1,001.4	58.5	101.0	141.6	93.8	228.5	62.3	103.0	49.5	163.3
Percent change:										
1980–1981	7.8	−19.3	11.0	4.9	10.3	13.1	13.6	26.8	−1.1	.5
1980–1982	9.2	27.9	3.5	14.0	13.0	4.2	14.1	8.4	11.3	6.0
1982–1983	8.4	17.2	−4.3	12.4	−3.1	25.5	−17.4	7.5	19.3	8.2
Reports per 1,000 population: [1]										
1978	2.7	2.7	2.1	1.7	4.0	2.7	4.1	2.3	3.6	3.7
1980	3.5	3.9	2.5	2.5	4.5	4.2	4.0	2.9	3.3	4.4
1981	3.7	3.1	2.8	2.7	5.0	4.6	4.5	3.6	3.2	4.4
1982	4.0	4.0	2.9	3.0	5.6	4.8	5.1	3.8	3.6	4.6
1983	4.3	4.7	2.7	3.4	5.4	5.9	4.2	4.0	4.0	4.9

[1] Based on Bureau of the Census estimated resident population as of July 1.

Source: American Humane Association, Denver, CO, *National Analysis of Official Child Neglect and Abuse Reporting*, annual; and unpublished data.

No. 296. Persons Arrested by Sex, Age, and Race: 1975 to 1984

[1975–1981 data represent agencies reporting 6 to 12 months; thereafter data represent those agencies reporting 12 months. See also *Historical Statistics, Colonial Times to 1970*, series H 999–1011]

ITEM	Unit	1975	1977	1978	1979	1980	1981	1982	1983	1984
SEX AND AGE										
Agencies reporting	Number	8,051	10,904	11,872	11,758	12,042	12,811	9,832	10,827	9,879
Population represented	Million	179	198	207	205	208	214	187	201	180
Percent of total population [1]	Percent	84.1	91.7	95.0	93.0	92.4	93.6	80.9	85.8	76.2
Persons arrested [2]	1,000	8,014	9,029	9,775	9,506	9,703	10,296	10,062	10,287	8,922
Male	1,000	6,752	7,581	8,227	8,011	8,170	8,633	8,425	8,582	7,433
Percent of total	Percent	84.3	84.0	84.2	84.3	84.2	83.9	83.7	83.4	83.3
Percent under 18 years	Percent	25.5	22.5	22.0	21.3	19.7	18.8	17.0	15.8	16.1
Female	1,000	1,262	1,448	1,548	1,495	1,533	1,660	1,637	1,705	1,489
Percent of total	Percent	15.7	16.0	15.8	15.7	15.8	16.1	16.3	16.6	16.7
Percent under 18 years	Percent	35.5	32.2	30.4	29.4	27.1	25.0	22.8	21.5	22.8
Under 18 years	1,000	2,078	2,170	2,279	2,143	2,026	2,036	1,805	1,726	1,538
Percent of total	Percent	25.9	24.0	23.3	22.5	20.9	19.8	17.9	16.8	17.2
18–24 years	1,000	2,482	2,920	3,257	3,279	3,426	3,594	3,527	3,513	2,970
25–34 years	1,000	1,546	1,887	2,111	2,106	2,298	2,582	2,692	2,892	2,540
35–44 years	1,000	870	970	1,037	983	1,001	1,089	1,115	1,211	1,075
45–54 years	1,000	644	665	669	600	574	593	554	570	480
55 years and over	1,000	386	409	412	385	378	400	370	375	319
RACE										
Agencies reporting	Number	7,993	10,864	11,852	11,689	12,013	12,747	9,789	10,765	9,851
Population represented	Million	169	197	207	204	208	214	186	200	179
Percent of total population [1]	Percent	79.5	91.1	94.7	92.9	92.3	93.3	80.5	85.5	76.0
Persons arrested [2]	1,000	7,671	8,972	9,688	9,468	9,684	10,264	10,000	10,248	8,891
White	1,000	5,539	6,429	6,793	6,849	7,146	7,482	7,070	7,291	6,529
Black	1,000	1,935	2,308	2,562	2,343	2,375	2,619	2,777	2,796	2,216
Other	1,000	197	235	333	276	163	163	153	161	146

[1] Based on resident population as of July 1, except 1980 based on April 1 census count. [2] Represents each person arrested rather than number of charges filed against each. Through 1981, includes persons for whom age was not known, not shown separately in breakdown by age.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 297. Persons Arrested, By Charge, Sex, and Age: 1984

[Represents arrests (not charges) reported by 9,879 agencies (reporting 12 months) with a total 1984 population of 180 million as estimated by FBI]

CHARGE	Total (1,000)	PERCENT DISTRIBUTION							
		Male	Under 15 yr.	Under 18 yr.	18–24 yr.	25–44 yr.	45–54 yr.	55–64 yr.	65 yr. and over
Total arrests	**8,922**	**833**	**5.9**	**17.2**	**33.3**	**40.5**	**5.4**	**2.7**	**.9**
Serious crimes [1]	**1,834**	**79.2**	**13.0**	**31.1**	**31.4**	**31.4**	**3.4**	**1.8**	**.9**
Murder and nonnegligent manslaughter	14	86.7	1.0	7.3	34.0	47.9	6.4	2.9	1.5
Forcible rape	28	99.1	5.2	15.5	31.3	46.1	4.6	1.8	.7
Robbery	109	92.8	6.6	25.6	41.3	31.2	1.4	.4	.1
Aggravated assault	232	86.6	4.3	13.4	31.3	46.4	5.6	2.4	.9
Burglary [2]	334	92.6	14.9	38.2	36.1	23.8	1.3	.5	.2
Larceny—theft	1,010	69.8	15.5	33.6	28.6	30.4	3.9	2.3	1.3
Motor vehicle theft	93	90.8	9.1	36.3	35.7	25.3	1.8	.6	.2
Arson	15	87.8	27.9	42.5	21.4	29.1	4.5	1.8	.6
All other:									
Other assaults	408	84.9	6.4	16.4	31.6	44.9	4.6	1.8	.7
Forgery and counterfeiting	63	66.3	1.9	9.8	36.8	48.4	3.5	1.2	.2
Fraud	203	59.6	3.9	8.4	27.1	55.8	6.1	2.0	.6
Embezzlement	6	63.1	1.0	7.2	34.8	48.7	7.0	2.0	.3
Stolen property [3]	96	88.4	7.0	24.1	38.2	33.7	2.7	1.1	.3
Vandalism	190	90.3	24.3	46.0	28.4	22.8	1.8	.7	.3
Weapons (carrying, etc.)	138	92.5	4.2	15.0	33.9	42.6	5.2	2.3	.9
Prostitution and commercialized vice	88	30.1	.3	2.7	47.6	45.6	2.5	1.3	.4
Sex offenses [4]	76	93.3	8.5	17.7	24.0	44.6	7.5	4.3	1.9
Drug abuse violations	562	86.1	2.0	12.0	42.9	42.2	2.0	.8	.2
Gambling	27	86.6	.4	2.5	18.8	49.7	15.8	9.4	4.0
Offenses against family and children	33	86.1	2.1	4.8	26.2	60.4	6.2	1.8	.6
Driving while intoxicated	1,347	88.4	(z)	1.4	30.8	53.2	9.0	4.4	1.3
Liquor laws	383	83.6	2.2	26.6	51.1	17.5	2.9	1.5	.5
Drunkenness	886	91.4	.3	2.7	26.8	50.5	11.5	6.5	2.0
Disorderly conduct	514	82.8	4.3	14.3	38.7	39.0	4.5	2.7	.8
Vagrancy	23	88.4	2.6	9.0	32.3	46.2	8.2	3.3	1.0
Suspicion	16	87.1	5.6	15.2	31.5	47.1	4.1	1.5	.6
Curfew, loitering (juveniles)	67	76.3	28.1	100.0	(x)	(x)	(x)	(x)	(x)
Runaways (juveniles)	114	42.2	43.8	100.0	(x)	(x)	(x)	(x)	(x)
All other offenses, except traffic	1,845	85.0	3.8	13.9	36.4	42.3	4.6	2.1	.7

X Not applicable Z Less than .05 percent [1] Includes arson arrests, a newly established index offense in 1979. [2] Breaking or entering. [3] Buying, receiving, possessing. [4] Excludes forcible rape and prostitution, shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 298. Arson Arrests, by Sex, Age, and Race: 1975 to 1984

[See headnote, table 296 for coverage. See also *Historical Statistics, Colonial Times to 1970*, series H 999-1011]

Sex, age, and race	Unit	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Sex and age											
Agencies reporting	Number	8,051	10,119	10,904	11,872	11,756	12,042	12,811	9,832	10,827	9,879
Population represented	Million	179.2	175.5	198.4	207.1	204.6	208.2	214.4	187.3	200.7	179.9
Percent of total population [1]	Percent	84.1	81.8	91.7	95.0	93.0	92.4	93.6	80.9	85.8	76.2
Persons arrested [2]	1,000	14.6	14.5	16.5	18.1	18.4	18.5	19.4	16.9	17.2	14.7
Male	1,000	12.9	12.9	14.7	15.9	16.3	16.3	17.1	14.7	15.1	12.9
Percent of total	Percent	88.7	88.9	88.7	87.8	88.7	88.1	88.5	87.1	87.8	87.8
Percent under 18 yr	Percent	53.2	54.2	50.9	49.8	49.9	45.1	43.5	37.6	38.6	44.1
Female	1,000	1.6	1.6	1.9	2.2	2.1	2.2	2.2	2.2	2.1	1.8
Percent of total	Percent	11.3	11.1	11.3	12.2	11.3	11.9	11.5	12.9	12.2	12.2
Percent under 18 yr	Percent	44.0	43.4	41.1	37.7	41.7	38.0	33.9	33.9	29.8	31.4
Under 18 years	1,000	7.7	7.6	8.2	8.6	9.0	8.2	8.2	6.3	6.5	6.2
Percent of total	Percent	53.0	52.3	49.8	48.4	49.0	44.2	42.4	37.2	37.5	42.5
18–24 years	1,000	3.2	3.2	3.8	4.3	4.4	4.8	4.8	4.2	4.2	3.1
25–34 years	1,000	1.9	2.0	2.4	2.7	2.7	3.0	3.5	3.6	3.6	2.8
35–44 years	1,000	1.0	.9	1.1	1.4	1.3	1.4	1.6	1.6	1.8	1.4
45–54 years	1,000	.5	.5	.6	.7	.6	.7	.8	.7	.8	.7
55 years and over	1,000	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4
Race											
Agencies reporting	Number	7,993	10,058	10,864	11,852	11,689	12,013	12,747	9,789	10,765	9,851
Population represented	Million	169.5	173.5	197.0	206.6	204.4	207.9	213.8	186.5	200.1	179.4
Percent of total population [1]	Percent	79.5	80.8	91.1	94.7	92.9	92.3	93.3	80.6	85.5	76.0
Persons arrested [2]	1,000	13.7	13.6	16.4	18.0	18.3	18.4	19.3	16.8	17.1	14.6
White	1,000	10.8	10.7	12.6	13.6	14.5	14.5	15.1	12.5	13.0	11.4
Percent of total	Percent	79.3	78.7	76.8	75.8	78.9	78.7	78.4	74.0	75.5	77.6
Black	1,000	2.6	2.7	3.5	3.9	3.5	3.8	4.0	4.2	4.0	3.1
Other	1,000	.1	.2	.3	.4	.3	.2	.2	.2	.2	.2

[1] Based on estimated resident population as of July 1; except 1980, based on enumerated population as of April 1.
[2] Represents each person arrested rather than number of charges filed against each. Includes persons for whom age was not known; not shown separately in breakdown by age.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 299. Arson—Summary by Property Type: 1983 and 1984

[10,046 agencies reporting. Includes only fires determined through investigation to have been willfully or maliciously set, including attempts]

Property type	Number of offenses		Percent distribution		Percent cleared by arrest		Percent under 18 [1]		Average damage (dol.)	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
Total	**84,700**	**82,338**	**100.0**	**100.0**	**18.8**	**19.2**	**34.9**	**36.6**	**9,384**	**10,378**
Structure, total	51,690	47,736	61.0	58.0	21.7	22.9	33.8	34.9	13,920	16,310
Single occupancy residential	24,371	19,947	28.8	24.2	19.4	23.2	28.3	29.1	9,418	11,775
Other residential	8,064	8,182	9.5	9.9	25.5	24.2	28.6	27.0	10,119	12,143
Storage	5,154	4,955	6.1	6.0	18.5	17.7	50.6	49.4	16,308	17,000
Industrial/manufacturing	825	763	1.0	.9	15.5	13.0	26.6	30.3	59,372	82,178
Other commercial	6,223	6,149	7.3	7.5	18.3	17.2	22.3	24.1	31,238	29,716
Community/public	4,750	5,112	5.6	6.2	37.1	34.1	49.1	54.1	12,940	13,226
Other structure	2,303	2,628	2.7	3.2	19.6	20.2	49.3	50.1	8,477	17,906
Mobile, total	19,724	20,036	23.3	24.3	11.3	10.9	18.0	20.3	3,407	3,470
Motor vehicle	17,992	18,304	21.2	22.2	10.8	10.4	15.8	18.1	2,938	3,084
Other mobile	1,732	1,732	2.0	2.1	16.6	16.3	33.1	35.3	8,280	7,542
Other	13,286	14,566	15.7	17.7	18.3	18.6	55.7	56.5	610	444

[1] Percent involving only persons under 18 years of age.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 300. AUTHORIZED INTERCEPTS OF COMMUNICATION—SUMMARY: 1970 TO 1984

[Data for jurisdictions with statutes authorizing or approving interception of wire or oral communication]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Jurisdictions: [1]												
With wiretap statutes	19	24	24	24	24	24	26	28	29	29	31	31
Reporting interceptions	12	19	18	21	19	20	20	22	22	22	20	24
Intercept applications authorized	596	728	701	686	626	570	553	564	589	578	648	801
Intercept installations	582	694	676	635	601	560	533	524	562	518	602	773
Federal	179	120	106	136	77	81	87	79	106	129	205	277
State	403	574	570	499	524	479	446	445	456	389	397	496
Intercepted communications, avg. [2]	656	850	654	662	658	738	866	1,058	848	1,082	1,107	1,209
Incriminating	296	431	305	272	268	205	252	315	190	209	229	298
Persons arrested [3]	1,874	2,162	2,234	2,180	2,191	1,825	1,717	1,871	1,735	1,725	1,716	2,393
Convictions [3]	151	179	336	358	372	337	368	259	248	453	521	649
Major offense specified:												
Gambling	325	381	408	378	265	241	204	199	156	150	157	186
Drugs	127	199	178	190	237	195	250	282	318	333	360	483
Homicide and assault	21	21	16	10	22	25	29	13	33	31	31	30
Other	123	127	99	108	102	109	70	70	82	64	100	102

[1] Jurisdictions include Federal Government, States, and beginning 1975, District of Columbia. [2] Average per authorized installation. [3] Based on information received from intercepts installed in year shown.

Source: Administrative Office of the U.S. Courts, *Report on Applications for Orders Authorizing or Approving the Interception of Wire or Oral Communications*, (Wiretap Report), annual.

NO. 301. FEDERAL PROSECUTIONS OF PUBLIC CORRUPTION: 1972 TO 1984

[As of **Dec. 31.** Prosecution of persons who have corrupted public office in violation of Federal Criminal Statutes]

PROSECUTION STATUS	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total: [1] Indicted	208	244	291	255	563	507	557	687	721	878	729	1,073	936
Convicted	142	181	217	179	380	440	409	555	552	730	671	972	934
Awaiting trial	5	18	5	27	199	210	205	187	213	231	186	222	269
Federal officials: Indicted	58	60	59	53	111	129	133	128	123	198	156	460	408
Convicted	42	48	51	43	101	94	91	115	131	159	147	424	429
Awaiting trial	4	2	1	5	1	32	42	21	16	23	36	58	77
State officials: Indicted	17	19	36	36	59	50	55	58	72	87	49	81	58
Convicted	10	17	23	18	35	38	56	32	51	66	43	65	52
Awaiting trial	–	–	–	5	30	33	20	30	28	36	16	26	21
Local officials: Indicted	106	85	130	139	194	157	171	212	247	244	257	270	203
Convicted	75	64	87	94	100	164	127	156	160	211	232	226	196
Awaiting trial	–	2	4	15	98	62	72	67	82	102	58	61	74

– Represents zero. [1] Includes individuals who are neither public officials nor employees but who were involved with public officials or employees in violating the law, not shown separately.

Source: U.S. Department of Justice, *Federal Prosecutions of Corrupt Public Officials, 1970-1980* and *Report to Congress on the Activities and Operations of the Public Integrity Section*, annual.

NO. 302. CRIMINAL JUSTICE SYSTEM—PUBLIC EXPENDITURES AND EMPLOYMENT, BY LEVEL OF GOVERNMENT: 1980 TO 1982

[Expenditures are for fiscal years. Employment as of **October.** Expenditures are direct expenditures only and on cash flow basis. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 1012-1027 for similar data]

LEVEL OF GOVERNMENT AND ACTIVITY	EXPENDITURES (mil. dol.)			FULL-TIME EQUIVALENT EMPLOYMENT			
				Total [1] (1,000)		Rate [2]	
	1980	1981	1982	1980	1982	1980	1982
All governments	**22,064**	**24,691**	**34,707**	[3] **910**	[3] **1,179**	[3] **40.2**	[3] **50.9**
Police	15,163	16,822	18,642	647	661	28.6	28.5
Judicial and legal	(NA)	(NA)	7,110	(NA)	226	(NA)	9.8
Corrections	6,901	7,869	8,956	263	291	11.6	12.6
Federal government	**2,123**	**2,317**	**3,137**	[3] **66**	[3] **95**	[3] **2.9**	[3] **4.1**
Police	1,739	1,904	1,986	56	56	2.5	2.4
Judicial and legal	(NA)	(NA)	729	(NA)	29	(NA)	1.3
Corrections	387	413	422	10	10	.4	.4
State governments	**6,285**	**7,095**	**10,649**	**236**	**334**	**10.4**	**14.4**
Percent of total	28.5	28.7	30.7	25.9	28.3	(x)	(x)
Police	2,027	2,241	2,486	75	77	3.3	3.3
Judicial and legal	(NA)	(NA)	2,606	(NA)	77	(NA)	3.3
Corrections	4,258	4,844	5,557	161	181	7.1	7.8
Local governments [4]	**13,653**	**15,289**	**20,922**	**608**	**750**	**26.8**	**32.4**
Percent of total	61.9	61.9	60.3	66.8	63.6	(x)	(x)
Police	11,397	12,677	14,170	516	528	22.8	22.8
Judicial and legal	(NA)	(NA)	3,775	(NA)	122	(NA)	5.3
Corrections	2,256	2,612	2,976	92	100	4.1	4.3

NA Not available. X Not applicable. [1] Total payroll divided by full-time payroll multiplied by full-time employees. [2] Rate per 10,000 estimated resident population as of April 1, 1980. [3] Data for Federal government represent total employment (full- and part-time). [4] Except for 1982, data are estimates subject to sampling variation; see Appendix III and source.

Source: U.S. Bureau of Justice Statistics, *Justice Expenditures and Employment Extracts*, annual.

No. 303. State and Local Government Police Protection and Correction Employment, Payrolls, and Expenditures: 1983

[Employment and payrolls as of **October**. Expenditures for fiscal years ending between **July 1982** and **June 1983**. Local government data are estimates subject to sampling variation; see Appendix III and source]

Region, division, and state	Full-time equivalent employment					October payroll ($1,000)			Expenditures			
				Per 10,000 population [1]								
	Total	Police protection	Correction	Police protection	Correction	Total	Police protection	Correction	Total [2] (mil. dol.)	Per capita [1] (dol.)	Police protection (mil. dol.)	Correction (mil. dol.)
Total	**902,868**	**606,223**	**296,645**	**25.9**	**12.7**	**1,631,453**	**1,144,949**	**486,504**	**34,725**	**148.4**	**17,934**	**9,784**
Region:												
Northeast	219,742	149,109	70,633	30.1	14.3	426,965	300,994	125,971	8,275	167.2	4,307	2,298
Midwest	201,242	145,469	55,773	24.7	9.5	361,478	272,040	89,438	7,821	132.8	4,285	1,922
South	302,020	191,679	110,341	24.1	13.9	469,031	308,286	160,745	9,901	124.3	5,053	3,000
West	179,864	119,966	59,898	26.1	13.0	373,979	263,631	110,348	8,728	189.8	4,290	2,564
N. Eng	**45,853**	**32,345**	**13,508**	**25.9**	**10.8**	**82,992**	**60,423**	**22,569**	**1,624**	**130.0**	**872**	**414**
ME	3,346	2,250	1,096	19.6	9.6	5,021	3,413	1,608	100	87.5	51	29
NH	2,906	2,177	729	22.7	7.6	4,699	3,630	1,069	100	104.7	57	23
VT	1,550	1,092	458	20.8	8.7	2,540	1,859	681	58	109.9	28	15
MA	22,876	15,932	6,944	27.6	12.0	41,497	30,581	10,916	803	139.3	434	207
RI	3,468	2,517	951	26.4	10.0	6,277	4,663	1,614	137	143.2	69	38
CT	11,707	8,377	3,330	26.7	10.6	22,958	16,277	6,681	426	135.6	233	102
Mid. Atl	**173,889**	**116,764**	**57,125**	**31.5**	**15.4**	**343,973**	**240,571**	**103,402**	**6,651**	**179.7**	**3,435**	**1,884**
NY	95,896	60,653	35,243	34.3	19.9	204,243	135,844	68,399	3,821	216.3	1,944	1,164
NJ	39,245	27,559	11,686	36.9	15.6	70,512	51,932	18,580	1,347	180.5	749	326
PA	38,748	28,552	10,196	24.0	8.6	69,218	52,795	16,423	1,483	124.7	743	395
E. No. Cent	**146,267**	**105,920**	**40,347**	**25.5**	**9.7**	**269,501**	**203,745**	**65,756**	**5,834**	**140.7**	**3,215**	**1,430**
OH	33,495	24,073	9,422	22.4	8.8	55,526	41,952	13,574	1,306	121.7	713	307
IN	16,668	11,479	5,189	21.0	9.5	23,282	16,763	6,519	504	92.1	268	151
IL	49,525	37,917	11,608	33.0	10.1	95,521	77,071	18,450	1,752	152.7	1,032	395
MI	30,325	20,694	9,631	22.8	10.6	64,520	45,369	19,151	1,546	170.8	788	406
WI	16,254	11,757	4,497	24.7	9.5	30,652	22,590	8,062	726	153.0	417	172
W. No. Cent	**54,975**	**39,549**	**15,426**	**22.7**	**8.9**	**91,977**	**68,295**	**23,682**	**1,987**	**114.1**	**1,070**	**492**
MN	11,510	7,804	3,706	18.8	8.9	23,796	16,422	7,374	531	128.1	274	136
IA	8,025	5,614	2,411	19.3	6.3	13,103	9,323	3,780	315	108.6	167	83
MO	18,299	13,935	4,364	28.0	8.8	29,540	23,495	6,045	564	113.6	338	126
ND	1,810	1,370	440	20.1	6.5	2,726	2,136	590	69	101.8	32	19
SD	1,907	1,454	453	20.8	6.5	2,617	2,035	582	66	93.8	35	12
NE	5,302	3,502	1,800	21.9	11.3	8,407	6,097	2,310	178	111.3	85	55
KS	8,122	5,870	2,252	24.2	9.3	11,788	8,787	3,001	264	108.9	139	61
So. Atl	**164,328**	**100,228**	**64,100**	**25.8**	**16.5**	**262,457**	**166,194**	**96,263**	**5,515**	**141.9**	**2,791**	**1,726**
DE	2,860	1,517	1,343	25.0	22.2	4,795	2,825	1,970	107	175.9	49	33
MD	19,392	12,682	6,710	29.5	15.6	35,438	24,554	10,884	755	175.6	358	264
DC	6,580	4,409	2,171	69.9	34.4	15,822	10,843	4,979	342	548.8	158	125
VA	23,737	12,569	11,168	22.6	20.1	35,074	20,407	14,667	772	138.9	342	293
WV	4,526	3,449	1,077	17.6	5.5	5,752	4,688	1,064	132	67.2	74	25
NC	22,943	13,594	9,349	22.4	15.4	32,401	20,202	12,199	682	109.0	339	226
SC	10,791	6,613	4,178	20.3	12.8	14,278	8,916	5,362	306	94.0	155	97
GA	23,931	14,183	9,748	24.7	17.0	31,992	19,286	12,706	710	123.9	338	256
FL	49,568	31,212	18,356	29.2	17.2	86,905	54,473	32,432	1,729	160.9	979	408
E. So. Cent	**47,804**	**31,775**	**16,029**	**21.3**	**10.7**	**63,967**	**44,245**	**19,722**	**1,420**	**95.1**	**699**	**420**
KY	10,976	7,122	3,854	19.2	10.4	15,366	10,572	4,794	342	92.2	145	105
TN	16,871	10,855	6,016	23.2	12.8	21,885	14,761	7,124	477	102.1	237	155
AL	12,575	8,725	3,850	22.0	9.7	17,908	12,615	5,293	408	102.9	209	109
MS	7,382	5,073	2,309	19.6	8.9	8,808	6,297	2,511	193	74.8	109	51
W. So. Cent	**89,888**	**59,676**	**30,212**	**23.1**	**11.7**	**142,607**	**97,847**	**44,760**	**2,966**	**114.7**	**1,563**	**053**
AR	6,475	4,415	2,060	19.0	8.8	8,004	5,663	2,341	177	76.1	91	57
LA	18,709	11,462	7,247	25.8	16.3	27,499	17,265	10,234	642	144.7	352	190
OK	12,257	7,970	4,287	24.2	13.0	17,238	11,393	5,845	367	110.8	191	117
TX	52,447	35,829	16,618	22.8	10.6	89,866	63,526	26,340	1,780	112.8	929	489
Mt	**48,211**	**32,693**	**15,218**	**26.8**	**12.3**	**85,915**	**60,327**	**25,588**	**2,079**	**138.3**	**1,038**	**623**
MT	2,732	1,898	834	23.2	10.2	4,290	3,038	1,252	95	117.1	51	22
ID	2,873	2,183	690	22.1	7.0	4,252	3,244	1,008	101	102.1	55	24
WY	2,367	1,810	557	35.2	10.8	4,000	3,148	852	105	202.5	59	29
CO	11,703	8,252	3,451	26.3	11.0	22,167	15,942	6,225	478	152.0	260	118
NM	6,166	3,949	2,217	28.2	15.8	9,571	6,031	3,540	258	184.4	110	103
AZ	13,016	8,568	4,448	28.9	15.0	24,181	16,906	7,275	579	194.8	291	178
UT	4,464	3,190	1,274	19.7	7.9	7,855	5,708	2,147	215	133.1	109	68
NV	4,890	3,143	1,747	35.3	19.6	9,599	6,310	3,289	248	276.4	105	87
Pac	**131,653**	**86,973**	**44,680**	**25.9**	**13.3**	**288,064**	**203,304**	**84,760**	**6,649**	**197.6**	**3,252**	**1,942**
WA	13,580	8,536	5,044	19.9	11.7	27,179	18,529	8,650	728	169.3	306	308
OR	9,201	6,114	3,087	23.0	11.6	18,297	12,223	6,074	393	147.9	201	109
CA	103,210	68,322	34,888	27.1	13.9	229,625	162,917	66,708	5,103	202.6	2,550	1,421
AK	2,046	1,289	757	26.9	15.8	6,602	4,473	2,129	256	532.9	114	76
HI	3,616	2,712	904	26.5	8.8	6,361	5,162	1,199	169	165.6	81	28

[1] Based on resident population as of July 1. [2] Includes judicial and legal, not shown separately.

Source: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual, and *Governmental Finances*, series GF No. 5, annual.

No. 304. Lawyers—Selected Characteristics: 1954 to 1980

[See headnote, table 305. See also *Historical Statistics, Colonial Times to 1970,* series H 1028–1062]

Characteristic	1954	1957	1960	1963	1966	1970	1980			
							Total [1]	In cities with population of—		
								Less than 250,000	250,000–499,999	500,000 or more
All lawyers [2]	**241,514**	**262,320**	**285,933**	**296,069**	**316,656**	**355,242**	**542,205**	**287,806**	**76,021**	**178,377**
Lawyers reporting [3]	**221,600**	**235,783**	**252,385**	**268,782**	**289,404**	**324,818**	(x)	(x)	(x)	(x)
Male	216,564	229,433	245,897	261,639	281,336	315,715	498,019	268,565	69,398	160,056
Female	5,036	6,350	6,488	7,143	8,068	9,103	44,185	19,241	6,623	18,321
Status in practice: [4]										
Government	21,279	24,245	25,621	29,314	31,280	35,803	50,490	19,662	6,833	23,995
Federal	9,040	12,458	13,045	15,113	16,284	18,710	20,132	2,300	2,148	15,684
State	3,561	4,000	4,316	6,486	7,416	9,293	30,358	17,362	4,685	8,311
City or county	8,678	7,787	8,260	7,715	7,580	7,800				
Judicial	7,903	7,910	8,180	8,748	9,712	10,349	19,160	12,659	2,353	4,148
Federal	621	769	599	707	800	878	2,611	983	560	1,068
State and county	5,041	5,056	5,301	5,712	6,823	7,548	16,549	11,676	1,793	3,080
City	2,241	2,085	2,280	2,329	2,089	1,923				
Private practice	189,423	188,955	192,353	200,586	212,662	236,085	370,111	202,663	51,913	115,535
Individual	127,389	122,389	116,911	113,127	113,273	118,963	179,923	108,009	21,766	50,148
Partner	51,668	54,966	60,709	70,064	78,544	92,442	190,187	94,655	30,147	65,387
Associate [5]	10,366	11,600	14,733	17,395	20,845	24,680				
Salaried	16,648	21,054	25,198	29,510	33,222	40,486	73,862	32,045	12,088	29,729
Private industry	15,063	18,911	22,533	26,492	29,405	33,593	54,626	22,431	9,327	22,868
Educational institutions	1,351	1,504	1,798	2,100	2,717	3,732	6,606	3,657	998	1,951
Other private employment	234	639	867	918	1,100	3,161	12,630	5,957	1,763	4,910
Inactive or retired	6,581	7,661	10,887	12,024	14,881	16,812	28,582	20,777	2,834	4,970

X Not applicable. [1] Detail may not add to total due to rounding. [2] 1954–1970 includes lawyers not reporting and an adjustment (subtraction) for duplications; 1980 weighted to account for non-reporters and duplicate listings. [3] 1954–1970 includes duplications; 1980 figures are weighted to adjust for duplication of entries. [4] 1954–1970, in cases where more than 1 subentry was applicable, the individual was tabulated in each. In 1980, the 2,503 lawyers who were in both private practice and government service are coded in private practice. [5] Associates are lawyers employed by individual practitioners or partnerships.

Source: American Bar Foundation, Chicago, IL, 1954–1970, *The 1971 Lawyer Statistical Report,* 1971 (copyright); *The Legal Profession in the United States: The 1980 Lawyer Statistical Report.* (Copyright.)

No. 305. Lawyers, by State: 1960 to 1980

[Data based on 1961, 1971, and 1980 editions of *Martindale-Hubbell Law Directory.* Represents all persons who are members of the bar, including those in industries, educational institutions, etc., and those inactive or retired]

State	1960 [1]	1970 [2]	1980			State	1960 [1]	1970 [2]	1980		
			Total [3]	In private practice [3]	Population per lawyer [4]				Total [3]	In private practice [3]	Population per lawyer [4]
U.S.	**285,933**	**324,818**	**542,205**	**370,111**	**418**	MO	7,453	7,230	10,731	7,044	458
						MT	1,028	978	1,617	1,138	487
AL	2,712	3,291	5,466	3,737	712	NE	2,344	2,481	3,722	2,383	422
AK	198	443	1,355	844	297	NV	440	739	1,771	1,133	452
AZ	1,681	2,618	5,657	3,819	481	NH	636	791	1,678	1,195	549
AR	1,778	1,969	3,188	2,186	717	NJ	9,331	11,126	18,400	12,947	400
CA	22,576	31,580	64,840	46,601	365	NM	972	1,201	2,508	1,677	519
CO	3,606	4,197	8,652	5,950	334	NY	49,832	48,312	62,745	44,845	280
CT	3,932	5,398	8,930	5,758	348	NC	3,613	4,367	7,459	5,237	789
DE	514	733	1,332	728	446	ND	738	728	1,101	735	593
DC	12,564	15,501	25,465	9,832	25	OH	15,470	15,349	23,949	16,278	451
FL	7,737	10,917	23,521	16,396	414	OK	4,818	4,637	7,034	4,696	430
GA	4,606	5,517	11,087	8,163	493	OR	2,646	2,996	5,803	4,140	454
HI	482	857	2,027	1,417	476	PA	12,137	13,557	22,872	16,337	519
ID	682	803	1,706	1,128	553	RI	1,066	1,284	2,070	1,592	458
IL	18,901	20,404	32,421	21,859	352	SC	1,884	2,236	4,195	3,091	744
IN	4,746	5,447	8,443	5,990	650	SD	758	812	1,125	781	614
IA	3,556	3,820	5,550	3,878	525	TN	4,231	4,770	7,802	5,351	588
KS	2,985	3,126	4,759	3,214	497	TX	13,997	17,217	30,151	20,766	472
KY	3,337	3,625	6,200	4,211	590	UT	1,144	1,309	2,480	1,830	589
LA	4,177	5,089	8,752	6,722	481	VT	493	581	1,095	753	467
ME	982	1,068	2,062	1,552	545	VA	4,724	6,401	10,895	7,271	491
MD	5,224	6,619	10,648	7,005	396	WA	3,895	4,466	8,468	5,923	488
MA	10,384	11,316	18,537	13,938	309	WV	1,789	1,719	2,566	1,769	760
MI	9,413	10,569	17,443	11,844	531	WI	6,134	6,177	9,117	5,229	516
MN	4,712	5,481	9,433	6,174	432	WY	492	449	927	610	507
MS	2,190	2,517	3,850	2,799	655						

[1] Includes lawyers not reporting. [2] Represents lawyers reporting only. Includes an estimated adjustment (subtraction) to account for duplications. Based on reporting from approximately 90 percent of all lawyers. [3] Weighted to account for non-reporters and duplicate listings. [4] Based on Bureau of the Census estimated resident population, including Armed Forces stationed in area as of July 1, 1980.

Source: American Bar Foundation, Chicago, IL, *The 1971 Lawyer Statistical Report,* 1971 (copyright), and *The Legal Profession in the United States: The 1980 Lawyer Statistical Report.* (Copyright.)

No. 306. U.S. Supreme Court—Cases Filed and Disposition: 1970 to 1984

[Statutory term of court begins first Monday in **October**. See *Historical Statistics, Colonial Times to 1970*, series H 1063-1078, for related but not comparable data]

ACTION	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total cases on docket	4,212	4,761	4,704	4,731	4,781	5,144	5,311	5,079	5,100	5,006
Appellate cases on docket	1,903	2,352	2,341	2,383	2,509	2,749	2,935	2,710	2,688	2,575
From prior term	325	431	472	434	425	527	522	545	520	539
Docketed during present term	1,578	1,921	1,869	1,949	2,084	2,222	2,413	2,165	2,168	2,036
Cases acted upon	1,613	1,900	1,979	2,023	2,050	[1]2,324	[1]2,513	[1]2,279	[1]2,220	[1]2,253
Granted review	214	244	224	210	199	167	203	169	140	167
Denied, dismissed, or withdrawn	1,285	1,538	1,676	1,734	1,776	1,999	2,100	1,892	1,902	1,953
Summarily decided	114	118	79	79	75	90	114	113	71	59
Cases not acted upon	290	452	362	360	459	425	422	413	468	322
Pauper cases on docket	2,289	2,395	2,349	2,331	2,249	2,371	2,354	2,352	2,394	2,416
Cases acted upon	1,802	1,997	1,960	1,996	1,838	[1]2,027	[1]2,039	[1]2,013	[1]1,992	[1]2,087
Granted review	41	28	24	27	32	17	7	10	9	18
Denied, dismissed, or withdrawn	1,683	1,903	1,899	1,938	1,757	1,968	2,014	1,995	1,968	2,050
Summarily decided	78	66	37	31	49	32	12	6	10	14
Cases not acted upon	487	398	389	335	411	344	315	339	402	329
Original cases on docket	20	14	14	17	23	24	22	17	18	15
Cases disposed of during term	7	7	3	-	1	7	6	3	7	8
Total cases available for argument	267	280	260	249	238	264	318	312	269	271
Cases disposed of	160	181	185	170	160	162	192	199	189	184
Cases argued	151	179	172	168	156	154	184	183	184	175
Cases dismissed or remanded without argument	9	2	13	2	4	8	8	16	5	9
Cases remaining	107	99	75	79	78	102	126	113	80	87
Cases decided by signed opinion	126	160	153	153	143	144	170	174	174	159
Cases decided by per curiam opinion	22	16	8	8	12	8	10	6	6	11
Number of signed opinions	109	138	129	130	130	123	141	151	151	139

- Represents zero. [1] Includes cases granted review and carried over to next term, not shown separately.

Source: Office of the Clerk, Supreme Court of the United States, unpublished data.

No. 307. U.S. Courts of Appeals: 1970 to 1984

[For years ending **June 30**. See also *Historical Statistics, Colonial Times to 1970*, series H 1079-1096]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Cases commenced [1]	11,662	16,658	18,408	19,118	18,918	20,219	23,200	26,362	27,946	29,630	31,490
Criminal	2,660	4,187	4,650	4,738	4,487	4,102	4,405	4,377	4,767	4,790	4,881
U.S. civil	2,167	2,981	3,327	3,622	3,928	3,983	4,654	4,940	5,517	5,820	6,259
Private civil	4,834	6,511	7,077	7,358	7,234	8,237	10,200	12,074	13,267	14,429	15,466
Administrative appeals	1,522	2,290	2,515	2,564	2,382	2,922	2,950	3,800	3,118	3,069	3,045
Cases terminated [1]	10,699	16,000	16,426	17,784	17,714	18,928	20,087	25,066	27,984	28,660	31,185
Criminal	2,581	4,005	4,238	4,554	4,461	4,320	3,993	4,192	4,522	4,777	4,876
U.S. civil	1,912	3,094	2,853	3,198	3,437	3,857	4,346	5,021	5,508	5,585	6,074
Private civil	4,367	6,252	6,248	6,680	6,813	7,175	8,942	11,327	13,115	13,710	15,309
Administrative appeals	1,407	1,909	2,359	2,510	2,256	2,602	2,643	3,303	3,549	3,260	3,212
Cases disposed of [2]	6,139	9,077	9,351	11,400	8,850	9,361	10,607	12,168	12,720	13,217	14,327
Affirmed or granted	4,626	6,763	6,995	7,826	6,717	7,125	8,017	9,004	9,560	10,174	10,961
Reversed or denied	1,280	1,632	1,680	1,715	1,536	1,548	1,845	2,246	2,138	2,173	2,382
Other	233	682	676	1,859	597	688	745	918	1,022	870	984
Median months [3]	8.2	7.4	7.1	7.0	8.0	8.1	8.9	9.3	8.9	8.6	8.3

[1] Includes original proceedings and bankruptcy appeals not shown separately. [2] After hearing or submission. Beginning 1975, data not comparable with earlier years due to changes in criteria. [3] From filing of complete record to final disposition.

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

No. 308. U.S. District Courts—Trials: 1970 to 1984

[For years ending **June 30**. A trial is defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence is introduced and final judgment sought. See footnote 1, table 310. See also *Historical Statistics, Colonial Times to 1970*, series H 1112-1118]

TYPE OF TRIAL	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	16,032	19,236	19,580	18,827	18,851	18,563	19,825	21,239	21,397	21,345	20,830
Civil trials	9,449	11,803	11,656	11,605	11,515	11,764	13,191	14,697	14,753	14,689	14,374
Nonjury	6,078	7,903	8,098	7,792	8,326	8,348	9,254	10,047	10,074	9,712	9,037
Jury	3,371	3,700	3,558	3,813	3,189	3,416	3,937	4,650	4,679	4,977	5,337
Criminal trials	6,583	7,433	7,924	7,222	7,336	6,799	6,634	6,542	6,644	6,656	6,456
Nonjury	2,357	2,726	2,773	2,661	3,344	3,132	3,216	2,962	3,076	3,003	2,823
Jury	4,226	4,907	5,151	4,561	3,992	3,667	3,418	3,580	3,568	3,653	3,633

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

No. 309. U.S. District Courts—Civil and Criminal Cases: 1970 to 1984

[**In thousands, except percent.** For years ending **June 30.** See also *Historical Statistics, Colonial Times to 1970,* series H 1097-1111]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Civil cases: Commenced	87.3	117.3	130.6	130.6	138.8	154.7	168.8	180.6	206.2	241.8	261.5
Cases terminated [1]	79.5	103.8	108.3	115.5	123.2	140.0	155.0	172.9	185.5	213.6	241.8
No court action	31.1	39.2	41.7	45.2	45.3	60.2	68.7	72.1	81.6	99.0	113.9
Court action, total	48.4	64.6	66.6	70.3	77.8	79.9	86.2	100.8	103.9	114.5	127.9
Before pretrial	29.4	40.3	41.6	43.5	48.7	49.7	53.8	61.1	67.3	75.9	86.1
Pretrial	11.0	15.6	16.2	17.7	19.7	20.5	22.4	28.3	25.3	27.1	29.6
Trials	8.0	8.7	8.8	9.0	9.4	9.6	10.1	11.4	11.3	11.6	12.1
Percent reaching trial	10.0	8.4	8.1	7.8	7.6	6.9	6.5	6.6	6.1	5.4	5.0
Criminal cases: Commenced [2]	38.1	41.1	39.1	39.8	34.6	31.5	28.0	30.4	31.6	34.9	35.9
Defendants disposed of [3]	36.4	49.2	51.6	53.2	45.9	41.2	36.6	38.1	40.5	43.3	44.5
Not convicted	8.2	11.8	11.5	11.7	9.4	8.3	8.0	8.3	8.2	7.7	8.4
Dismissed	6.6	10.3	9.8	10.0	7.8	6.8	6.6	7.0	7.1	6.6	7.0
Acquitted	1.6	1.5	1.7	1.8	1.6	1.5	1.3	1.3	1.2	1.2	1.4
Convicted	28.2	37.4	40.1	41.5	36.5	32.9	28.6	29.9	32.3	35.6	36.1
By guilty plea [4]	24.1	31.8	34.0	35.3	31.1	27.3	23.1	24.3	27.4	30.5	31.5
By court or jury	4.1	5.6	6.1	6.1	5.4	5.6	5.5	5.5	4.9	5.1	4.6
Imprisonment	12.4	17.3	18.5	19.6	17.4	14.6	13.2	13.7	15.9	17.9	17.7
Probation	11.4	17.9	18.2	16.1	14.5	13.5	11.1	12.2	12.7	14.1	13.9
Fine and other	4.4	2.2	3.4	5.8	4.6	4.9	4.4	4.0	3.7	3.6	4.5

[1] Excludes land condemnation cases. [2] Excludes transfers. [3] Includes DC beginning 1975; Guam and Virgin Islands beginning 1977; Northern Mariana Islands beginning 1978; and Canal Zone, 1977 through 1982. [4] Includes nolo contendere.

No. 310. U.S. District Courts—Civil Cases Commenced and Terminated: 1984

[For year ending **June 30**]

NATURE OF SUIT	Cases commenced	Cases terminated	No court action	Total court action	Before pretrial	Pretrial	Trials, total [1]	Percent reaching trial
Total	**261,485**	**243,113**	**114,330**	**128,783**	**86,530**	**29,833**	**12,420**	**5.1**
U.S. cases [2]	**111,867**	**100,291**	**59,080**	**41,211**	**35,662**	**3,704**	**1,845**	**1.8**
Contract actions	52,744	50,085	41,328	8,757	8,064	548	145	.3
Real property actions	5,847	6,105	2,984	3,121	2,276	439	406	6.7
Tort actions	3,082	3,053	1,190	1,863	841	614	408	13.4
Actions under statutes	50,178	36,665	11,556	25,109	22,650	1,733	726	2.0
Private cases [3]	**149,618**	**142,822**	**55,250**	**87,572**	**50,868**	**26,129**	**10,575**	**7.4**
Federal question	92,062	87,452	31,652	55,800	37,102	12,951	5,747	6.6
Diversity of citizenship [4]	56,856	54,364	22,761	31,603	13,711	13,126	4,766	8.8
Contract actions	26,724	28,918	13,050	15,868	7,950	5,816	2,102	7.3
Tort actions	25,850	22,715	8,460	14,255	4,845	6,906	2,504	11.0

[1] Indicates the number of cases terminated where there was a trial. Table 318 indicates the number of civil trials that were completed. The cases themselves may not have been terminated. [2] Includes prisoner petitions, land condemnations and deportations not shown separately. [3] Includes local jurisdiction cases and other actions not shown separately. [4] Includes real property actions not shown separately.

No. 311. U.S. District Courts—Criminal Cases Commenced and Defendants Disposed of, by Nature of Offense: 1983 and 1984

[For years ending **June 30**]

NATURE OF OFFENSE	1983		1984,	DISPOSITION OF DEFENDANTS, 1984								
	Cases commenced [1]	Defendants disposed of	cases commenced [1]	Total defendants disposed of	Not convicted		Convicted [2]			Sentenced		
					Total	Acquitted	Total	Guilty plea [3]	By court or jury	Imprisonment	Probation	Fine and other
Total [4]	**34,928**	**43,329**	**35,911**	**44,501**	**8,397**	**1,375**	**33,104**	**31,461**	**4,643**	**17,719**	**13,880**	**4,514**
General offenses:												
Homicide	156	153	156	164	46	15	118	79	39	79	16	23
Robbery	1,357	1,529	1,329	1,383	188	25	1,245	1,022	223	1,146	94	5
Assault	552	601	525	572	162	50	410	321	89	262	119	29
Burglary	184	203	155	199	40	5	159	142	17	127	29	3
Larceny—theft	3,409	4,199	3,400	4,138	712	118	3,426	3,139	287	1,480	1,781	165
Embezzlement and fraud	7,705	9,166	7,646	9,108	1,403	269	7,705	6,946	759	2,864	4,591	250
Auto theft	354	551	286	419	79	9	340	302	38	231	106	3
Forgery, counterfeiting	2,324	2,752	1,966	2,426	399	53	2,027	1,853	174	1,125	882	20
Sex offenses	141	130	163	124	39	13	85	64	21	68	14	3
DAPCA [5]	5,088	9,164	5,611	9,191	1,732	311	7,459	5,793	1,666	5,756	1,584	119
Misc. general offenses	13,658	14,881	14,674	16,777	3,647	507	13,130	11,800	1,330	4,572	4,664	3,894

[1] Excludes transfers. [2] Convicted and sentenced. [3] Includes nolo contendere. [4] Includes items not shown separately. [5] All marihuana, narcotics and controlled substances prosecutions under the Drug Abuse, Prevention and Control Act.

Source of tables 309-311: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 312. State Courts of General Jurisdiction—Cases, Courts, and Judges: 1982

[For further detail regarding volume and flow of cases through the State Court Systems, refer to Parts I and II of the publication cited below, which contain text, summary tables and individual profiles for all reported data, respectively: Illinois, Iowa, South Dakota, Idaho, and Washington, DC have a single-tier trial court which processes cases handled in both general and limited jurisdiction courts in other States]

Division and state	Beginning pending (1,000)	Filed (1,000)					Disposed (1,000)	Ending pending (1,000)	Courts		Number of judges
		Total	Civil	Criminal	Traffic	Juvenile			Number	Circuits and districts	
New Eng.: ME	[1] 16.9	[1] 17.1	7.6	[1] [2] 7.0	[1] [2] 2.5	(X)	[1] 15.6	[1] 18.4	1	16	14
NH	(NA)	23.6	16.2	7.4	(X)	(X)	23.3	(NA)	1	10	15
VT	24.0	134.6	22.2	[3] 18.6	[3] 92.2	1.6	150.8	24.6	2	29	24
MA [4]	(NA)	[5] 1,733.8	[5] 476.6	253.0	[5] 963.7	[5] 40.5	[5] 797.8	(NA)	1	(NA)	278
RI	(NA)	[1] 12.8	7.2	5.5	(X)	(X)	[6] 5.2	(NA)	1	4	19
CT	[1] [7] 117.1	[1] [7] 610.0	[1] [7] 181.9	[7] 111.4	[7] 303.3	13.5	[1] [7] 515.1	[1] [7] 119.8	1	(NA)	133
Middle Atl.: NY	[1] [8] 61.0	[1] [8] 108.0	[1] [8] 62.6	[8] 45.4	(X)	(X)	[1] [8] 154.2	[1] [8] 82.8	2	11	367
NJ	103.2	119.3	88.1	31.2	(X)	(X)	125.1	97.3	1	21	236
PA	[10] 172.4	[10] 376.2	[10] 228.9	100.5	(X)	46.9	[10] 365.5	[10] 183.1	1	59	309
E. No. Cent.: OH	[1] [10] 207.7	[1] 491.5	[1] 259.8	41.3	[10]	[10] 190.4	[1] 484.5	[1] [10] 214.8	1	88	329
IN	[11] 307.7	[11] 353.8	[11] 196.1	[11] 35.3	[11] 94.6	[11] 27.8	[11] 366.5	[11] 312.1	2	(NA)	189
IL [4]	[12] 782.8	[12] 7,437.7	670.4	[12] 639.7	[12] 6,094.9	32.6	5,418.0	[12] 801.0	1	21	677
MI	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3	55	165
WI	(NA)	[1] 532.8	307.7	46.3	149.7	29.1	[1] 532.3	(NA)	1	69	190
W. No. Cent.: MN	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
IA [4]	[13] 147.4	[13] 425.4	[13] 149.1	[13] 39.0	[13] 232.0	5.3	[13] 845.8	[13] 148.0	1	8	302
MO [4]	[1] [14] 379.1	[1] [14] 727.9	[1] [14] 217.9	80.4	[14] 411.9	[14] 17.7	[1] [14] 689.9	[1] [14] 419.1	1	43	684
ND	[1] [15] 5.8	[1] 22.1	13.6	[1] 1.3	.5	6.7	[1] 21.5	[1] [15] 6.4	1	7	26
SD [4]	(NA)	[16] 175.4	36.4	[16] 13.1	[16] 124.2	1.6	[16] 165.6	(NA)	1	8	36
NE	[1] 20.7	[1] 38.2	31.3	[1] 7.0	(X)	(X)	[1] 34.2	[1] 19.4	1	21	48
KS	[17] 39.7	433.0	118.2	35.3	[17] 270.8	8.7	435.6	[17] 39.5	1	30	213
So. Atl.: DE	[1] 5.8	[1] 7.7	4.0	[1] 3.8	(X)	(X)	[1] 7.3	[1] 6.3	2	3	11
MD	[1] 130.3	138.5	81.6	30.6	(X)	26.3	124.9	[1] 144.0	1	8	103
DC [4]	[18] 39.6	182.6	134.2	[19] 29.0	[19] 14.9	4.4	183.9	[18] 38.3	1	1	44
VA	(NA)	[1] 149.0	82.1	[1] [3] 66.9	[3]	(X)	[1] 142.4	(NA)	1	31	116
WV	[1] 57.5	[1] 62.9	48.0	[1] 7.6	(X)	7.3	[1] 65.4	55.0	1	31	60
NC	108.9	154.1	84.5	69.6	(X)	(X)	149.6	113.3	1	34	71
SC	[1] 26.8	[1] 72.9	[1] [20] 42.2	[20] 30.7	(X)	(X)	69.3	[1] 27.2	1	16	31
GA	[21] 32.5	[21] 229.9	[21] 133.7	[21] 54.6	[21] 8.7	[21] 32.8	[21] 203.3	[21] 38.5	1	42	161
FL	(NA)	585.0	347.7	165.4	(X)	72.0	[22] 487.9	(NA)	1	20	328
E. So. Cent.: KY	(NA)	[1] 84.9	[1] 71.3	[1] 13.6	(X)	(X)	[1] 84.6	(NA)	1	56	91
TN	(NA)	[1] [23] 132.5	[1] 93.2	39.3	(NA)	(X)	[1] [23] 117.0	(NA)	4	56	115
AL	(NA)	[7] 128.7	75.6	[7] 33.1	(X)	20.1	[7] 123.9	(NA)	1	39	113
MS	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2	20	35
W. So. Cent.: AR	[24] 33.0	[24] 52.3	[24] 28.5	[24] 23.8	(X)	(X)	[24] 50.3	[24] 32.7	2	22	37
LA	(NA)	[1] 533.0	[1] 160.8	360.0	(X)	12.2	(NA)	(NA)	1	40	174
OK	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	26	194
TX	511.5	481.5	[25] 355.3	114.4	(X)	[25] 11.9	428.2	564.8	2	(NA)	341
Mt.: MT	28.2	29.6	25.2	3.2	(X)	1.2	25.3	32.5	1	19	32
ID [4]	[1] [26] 42.1	[1] [26] 291.2	[26] 54.8	[1] [26] 43.3	[26] 186.5	6.5	[1] [26] 285.3	[1] [26] 47.9	1	7	107
WY	[1] [27] 5.2	[1] [27] 14.1	[1] 12.0	2.0	(X)	(NA)	[1] [27] 13.8	[1] [27] 5.4	1	9	17
CO	[28] 134.1	[28] 114.6	[28] 86.7	15.3	(X)	12.6	[28] 112.4	[28] 131.0	2	22	108
NM	[1] 33.0	[1] 53.7	[1] 43.1	5.6	(X)	5.0	[1] 52.6	[1] 34.2	1	13	48
AZ	[29] 98.5	[29] 108.4	[29] 81.7	17.5	(X)	[29] 9.3	[29] 107.1	[29] 100.4	1	14	83
UT	(NA)	[1] 37.4	[1] 33.5	[1] 3.8	(X)	(X)	(NA)	(NA)	1	7	24
NV	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	9	25
Pac.: WA	(NA)	[1] 153.0	[1] [2] 112.7	17.0	(X)	23.3	[1] 127.7	(NA)	1	29	128
OR	(NA)	[30] 102.9	[29] 69.1	[30] 20.2	(X)	13.6	[30] 80.9	(NA)	2	20	82
CA	(NA)	738.4	565.7	70.0	(X)	102.6	587.9	(NA)	1	58	628
AK	(NA)	[1] 17.6	[1] 13.6	2.7	(X)	1.3	[1] 15.1	(NA)	1	4	23
HI	44.8	38.6	[31] 26.8	[31] 2.9	[31] .1	8.8	29.0	54.5	1	4	28

NA Not available. X Not applicable. [1] Includes post-conviction remedy matters. [2] Criminal includes ordinance violations; traffic does not. Traffic includes DWI; criminal does not. [3] Criminal includes ordinance violations; traffic does not. [4] Single-tiered trial courts. [5] No civil data from the Boston Municipal Court Appellate division, DWI, parking, or juvenile data from the District Court Appellate Division. Filed do not include some real property rights or miscellaneous civil cases; disposed do not include all real property rights, domestic relations, miscellaneous civil, felony, misdemeanor, ordinance violations, moving and miscellaneous traffic violations, juvenile criminal-type offenses, or juvenile appeal data. [6] Disposed does not include any civil data. [7] Small claims available for filed only. Criminal includes ordinance violations; traffic does not. Traffic include DWI; criminal does not. Traffic filed and disposed do not include parking. [8] No civil or criminal appeal or miscellaneous criminal data. Pending do not include criminal indictments outside New York City or uncontested matrimonial cases. Filed do not include uncontested matrimonial. [9] No mental health figures. [10] Pending does not include wrongful death, adoption, paternity/bastardy, minor's settlement, mental health or name change cases. Juvenile figures include all juvenile traffic data. [11] No mental health, miscellaneous criminal, or criminal appeal. [12] No ordinance violations or conservation violations in Cook County; no preliminary hearings or parking outside Cook County. Traffic includes DWI; criminal does not. Pending do not include any conservation violations or traffic cases. [13] Pending do not include miscellaneous domestic relations, estate, mental health, unclassified traffic violations, or juvenile. Filed do not include mental health or unclassified traffic violations. Disposed do not include family in need of assistance or juvenile. [14] No ordinance violation data available. Pending do not include small claims, other civil under $5,000, or all misdemeanor cases. Civil does not include adoption or termination of parental rights; juvenile does. [15] Pending do not include support/custody or estate cases. [16] No limited felony figures. Disposed do not include support/custody, estate, or juvenile cases. Traffic includes a few misdemeanors. [17] Pending do not include small claims, adoption, estate, mental health, DWI, traffic, or juvenile. [18] Includes preliminary hearings. [19] Traffic includes DWI cases; criminal does not. [20] Criminal appeals are included in the civil filing figure, not the criminal figure. [21] No juvenile or juvenile traffic data for one county. Criminal includes ordinance violations; traffic does not. Traffic includes DWI; criminal does not. Pending do not include civil or ordinance violations. [22] No reopened cases. [23] Total filings does not include traffic; disposed does not include traffic or DWI. [24] Missing 3 months of data from one court. [25] Civil filing includes juvenile child victim petition cases; juvenile does not. [26] No parking data. Criminal includes ordinance violations; traffic does not. [27] No juvenile data reported. [28] No short-term or long-term mental health treatment. Criminal and total figures include some non-cases, e.g., extradition, parole violations, etc. [29] All figures—no miscellaneous domestic relations modify decree, civil contempt only, or juvenile status petitions. Adoption and child victim petitions data missing for Maricopa County. Pending and disposed—no miscellaneous criminal petitions for order of protection. Pending and filed—no mental health. [30] No support/custody figures. Dispositions do not include paternity/bastardy, mental health, or juvenile data. [31] Civil figure includes a few miscellaneous criminal and traffic cases.

Source: National Center for State Courts, Williamsburg, VA, *State Court Caseload Statistics: Annual Report, 1982* (unpublished).

No. 313. State Appellate Courts—Growth of Appeals: 1973 to 1983

[An appeal occurs when the defendant in a criminal case (or either party in a civil case) requests that a court with appellate jurisdiction rule on a decision that has been made by a trial court or administrative agency. Data for roughly half the States are based on the court's fiscal year, ending in June, August, or September; based on calendar year for the remainder. Represents initial appeals; excludes writs, petitions, bar disciplines, judicial disciplines and advisory opinions. Although data are similar, there are important variations in reporting among the States; see source for details]

STATE	APPEALS FILED—PERCENT CHANGE, 1973–83			APPEALS FILED—PER JUDGESHIP			Number of judgeships, 1983	DECISIONS, 1983	
	Total	Criminal	Civil	1973	1983	Percent change 1973–83		Number	Per judgeship
Alabama	156	137	162	63	161	156	17	1,530	90
Alaska	[1] [2] 305	[2] 914	91	38	97	155	8	707	88
Arizona	145	273	70	[3] 69	[3] 119	[3] 72	20	1,696	85
Arkansas	(NA)	(NA)	(NA)	(NA)	105	(NA)	13	1,003	77
California	89	66	120	[3] 98	[3] 126	[3] 29	81	7,838	97
Colorado	108	88	118	[3] 57	[3] 91	[3] 60	17	1,192	70
Connecticut	[4] [5] 265	[4] 454	[4] [5] 227	[4] 35	[4] 85	[4] 143	[6] 6	[6] 233	[6] 39
Delaware	67	81	59	82	83	1	[7] 5	[7] 296	[7] 59
District of Columbia	57	40	80	109	171	57	9	875	97
Florida	186	(NA)	(NA)	178	260	46	[7] 53	[7] 9,379	[7] 177
Georgia	(NA)	(NA)	(NA)	(NA)	174	(NA)	16	2,331	146
Hawaii	[1] 201	483	103	[3] 32	[3] 60	[3] 88	8	397	50
Idaho	[1] 72	125	53	49	52	6	8	285	36
Illinois	[4] 129	[4] 80	[4] 184	[4] 74	[4] 145	[4] 96	48	5,121	107
Indiana	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	17	1,573	93
Iowa	[1] 68	35	91	88	95	8	14	1,127	81
Kansas	[1] [2] 108	[2] 214	[2] 81	60	80	33	14	1,002	72
Kentucky	[1] [4] 186	[4] 200	[4] 180	[4] 87	[4] 131	[4] 51	21	1,701	81
Louisiana	139	454	94	[3] 48	[3] 71	[3] 45	55	3,556	65
Maine	[4] [5] 161	39	[4] [5] 343	[4] 31	[4] 69	[4] 123	7	288	41
Maryland	[5] 53	[5] 52	55	[3] 68	[3] 89	[3] 31	20	1,647	82
Massachusetts	[1] 154	191	138	[3] 48	[3] 92	[3] 92	[7] 17	[7] 1,107	[7] 65
Michigan	[2] 167	157	[2] 180	98	198	102	25	3,925	157
Minnesota	[1] [2] 172	[2] 219	[2] 160	[5] 78	[5] 188	[5] 141	[6] [7] 9	[6] [7] 743	[6] [7] 83
Mississippi	38	51	31	[3] 69	[3] 95	[3] 38	[7] 9	[7] 502	[7] 56
Missouri	97	80	105	47	71	51	39	1,679	43
Montana	187	217	180	[3] 31	[3] 63	[3] 103	7	320	46
Nebraska	68	23	109	78	131	68	7	502	72
Nevada	159	203	131	[3] 54	[3] 139	[3] 157	5	193	39
New Hampshire	[4] 144	[4] 178	[4] 133	[4] 42	[4] 103	[4] 145	[7] 5	[7] 404	[7] 81
New Jersey	62	72	55	155	224	44	28	4,419	158
New Mexico	86	50	111	45	70	56	12	668	56
New York	87	(NA)	(NA)	[3] 129	[3] 193	[3] 50	[7] 55	[7] 10,214	[7] 186
North Carolina	(NA)	(NA)	(NA)	(NA)	[3] 85	(NA)	19	1,283	68
North Dakota	(NA)	(NA)	(NA)	(NA)	62	(NA)	5	241	48
Ohio	95	(NA)	(NA)	109	162	49	59	7,362	125
Oklahoma	85	16	122	[4] [5] 65	[3] 90	[3] 38	24	1,770	74
Oregon	[2] 212	[2] 253	181	99	218	120	[7] 17	[7] 2,443	[7] 144
Pennsylvania	94	(NA)	(NA)	231	303	31	31	3,803	123
Rhode Island	[5] 110	41	[5] 135	[3] 48	[3] 100	[3] 108	[7] 5	[7] 304	[7] 61
South Carolina	(NA)	(NA)	(NA)	(NA)	[8] 323	(NA)	[6] [7] 5	[6] [7] 499	[6] [7] 100
South Dakota	156	(NA)	(NA)	25	63	152	5	271	54
Tennessee	62	48	74	[3] 59	[3] 78	[3] 32	26	1,664	64
Texas	[4] 140	[4] 147	132	[3] [4] 51	[3] [4] 73	[3] [4] 43	97	8,443	87
Utah	116	69	130	64	138	116	5	437	87
Vermont	137	170	126	47	112	138	5	209	42
Virginia	60	39	99	[3] 151	[3] 243	[3] 61	[7] 7	[7] 1,580	[7] 226
Washington	[5] 96	[5] 148	[5] 74	57	94	65	25	1,432	57
West Virginia	(NA)	(NA)	(NA)	(NA)	123	(NA)	[7] 5	[7] 625	[7] 125
Wisconsin	(NA)	(NA)	(NA)	(NA)	105	(NA)	19	1,600	84
Wyoming	103	196	74	[3] 23	[3] 47	[3] 104	5	147	29

NA Not available. [1] An intermediate appellate court began during 1973–83. [2] Appellate jurisdiction was increased substantially, sometimes in conjunction with the establishment of a new intermediate appellate court. [3] All or most appeals are counted by the court at a point later than the filing of a notice to appeal, understating the State's caseload compared to States that count the notice to appeal. [4] Docketing systems changed, artificially increasing the number of filings. [5] Because an intermediate appellate court was added late in 1983, the number of judges was prorated for additions during the year. The number of filings per judge will decrease when the new court begins hearing cases. [6] An intermediate appellate court was established late in 1983. Because each new court had decided only a small number of cases by the end of the reporting period, neither the number of judges nor the number of decisions is included here. [7] Courts decided at least a third of the cases without writing opinions. [8] Appellate jurisdiction was reduced substantially.

Source: U.S. Bureau of Justice Statistics, *The Growth of Appeals, 1973–83 Trends.*

No. 314. U.S. District Courts—Defendants Charged With Violations of Drug Abuse Prevention and Control Act: 1980 to 1984

[For years ending June 30]

ITEM	MARIHUANA					DRUGS					CONTROLLED SUBSTANCES (PRESCRIBED DRUGS)				
	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
Defendants disposed of	1,690	2,388	3,246	3,806	3,179	3,290	3,120	3,262	3,892	4,548	1,383	1,500	1,473	1,668	1,484
Not convicted	569	695	810	792	667	749	682	589	601	786	276	285	246	281	279
Dismissed [1]	483	585	668	676	516	620	575	480	481	668	234	225	212	236	237
Convicted	1,121	1,693	2,436	3,014	2,512	2,541	2,438	2,673	3,091	3,762	1,087	1,215	1,227	1,385	1,185
By guilty plea and nolo contendere	772	1,090	1,835	2,379	1,895	1,830	1,739	2,021	2,334	2,935	848	928	942	1,061	963
Imprisonment, total [2]	**754**	**1,132**	**1,545**	**1,921**	**1,841**	**1,945**	**1,856**	**2,118**	**2,493**	**3,049**	**780**	**868**	**923**	**1,035**	**866**
Regular sentence	555	873	1,229	1,416	1,344	1,410	1,373	1,605	1,942	2,326	582	619	682	792	636
Avg. sentence (mo.)	47.2	48.4	56.5	55.1	54.4	60.8	62.7	66.1	70.8	71.8	46.5	49.8	59.0	62.2	67.6
Other sentences to prison [2]	199	259	316	505	497	535	483	513	551	723	198	249	241	243	230
Probation, total	**341**	**472**	**776**	**973**	**618**	**588**	**570**	**543**	**583**	**661**	**303**	**329**	**298**	**337**	**307**
Avg. sentence (mo.)	37.9	31.5	26.9	27.9	42.0	39.9	40.3	41.3	40.8	44.3	37.2	37.7	39.5	38.0	43.4
Fine only	20	89	96	94	11	4	2	7	8	4	3	9	6	6	3
Other [3]	6	20	19	26	44	4	10	5	7	48	1	9	–	7	9

– Represents zero. [1] Includes defendants committed under 28 USC 2902, Narcotic Addict Rehabilitation Act of 1966. [2] Split or mixed sentences of prison and probation in the same case as well as indeterminate and Youth Corrections Act sentences are included under total imprisonment and other sentences to prison. [3] Includes deportation, suspended sentences, imprisonment for four days or less or for time already served, remitted and suspended fines and life sentences.

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 315. Juveniles Held in Custody—Public and Private Juvenile Residents and Facilities: 1977 to 1982

[As of December. Private facilities for juveniles include detention centers, shelters, reception and diagnostic centers, training schools, halfway houses, group homes, ranches, forestry camps, and farms, etc.]

CHARACTERISTIC	Unit	PUBLIC CUSTODY			PRIVATE CUSTODY		
		1977	1979	1982	1977	1979	1982
Number of residents [1]	Number	45,920	45,396	50,799	29,377	28,717	31,473
Juvenile [2]	Number	44,096	43,234	48,701	29,070	28,668	31,390
Male	Number	36,921	37,167	42,182	20,387	20,512	22,242
Female	Number	7,175	6,067	6,519	8,683	8,176	9,148
White	Number	27,963	26,053	27,805	21,917	21,654	22,377
Black	Number	14,865	13,752	18,020	6,005	5,843	7,822
Average age [3]	Year	15.3	15.3	15.4	14.9	14.9	14.9
Number of admissions (all residents) [4]	Number	614,385	568,802	536,122	67,045	69,507	88,806
Number of departures (all residents) [4]	Number	622,151	560,751	528,552	61,571	64,574	84,399
Average daily residents [4]	Number	48,032	47,803	50,210	29,611	28,566	31,691
Facilities, total	Number	992	1,015	1,023	1,600	1,561	1,877
Occupancy less than 70 percent	Percent	32	34	30	20	22	22
70–100 percent	Percent	59	56	56	78	76	76
More than 100 percent	Percent	9	10	14	2	2	2
Personnel, total [5]	Number	61,060	61,108	59,654	30,918	32,921	37,411
Expenditures [6]	Mil. dol	707.7	842.5	1,148.3	384.3	465.2	719.0
Capital	Mil. dol	29.4	53.3	43.3	21.0	25.9	45.5
Operating	Mil. dol	678.4	789.2	1,105.0	363.3	439.3	673.5
Per capita operating cost [7]	$1,000	14.1	16.5	22.0	12.3	15.4	21.3

[1] Includes adults. [2] Includes races not reported and races not shown. [3] Based on juvenile residents only. [4] Juvenile and adult. [5] 1977 and 1979 includes community volunteers; 1982 generally includes volunteers; excludes 4,600 in California, and large but unspecified numbers in Ohio and South Carolina. [6] Current dollars, unadjusted for inflation. [7] Based on average daily residents.

Source: 1977 and 1979, U.S. Law Enforcement Assistance Administration, unpublished data from the 1979 Census of Juvenile Detention, Correctional and Shelter Facilities; 1982, U.S. Office of Juvenile Justice and Delinquency Prevention, *Children in Custody: Advance Report on the 1982 Census of Public Juvenile Facilities* and *Children in Custody: Advance Report on the 1982 Census of Private Juvenile Facilities.*

No. 316. Children's Cases Disposed of by Juvenile Courts: 1970 to 1982

[For definition of delinquency cases, see text, p. 164. Dependency and neglect cases are all cases referred to the court for some form of neglect or inadequate care on the part of parents or guardians. See also *Historical Statistics, Colonial Times to 1970,* series H 1119-1124]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982
Population 10–17 years old [1]	1,000	32,614	33,960	32,896	32,276	31,843	31,171	30,725	29,914
Delinquency cases excluding traffic	1,000	1,052	1,317	1,389	1,359	1,374	1,445	1,350	1,292
Per 1,000 population 10–17 years old	Rate	32.3	38.8	42.2	42.1	43.4	46.4	44.0	43.2
Male	1,000	800	1,002	1,063	1,055	1,058	1,121	1,024	990
Female	1,000	252	315	326	304	316	324	326	303
Percent of total cases	Percent	24.0	23.9	23.5	22.4	23.0	22.4	24.1	23.4
Population under 18 years old [2]	1,000	70,810	68,314	66,650	65,982	65,335	64,908	64,405	63,793
Dependency and neglect cases	1,000	133	143	158	158	157	153	185	172
Per 1,000 population under 18 years old	Rate	1.9	2.1	2.4	2.4	2.5	2.3	2.9	2.7

[1] U.S. Bureau of the Census estimates of civilian population as of July 1. Beginning 1978, includes number of children from age 10 to the upper age of jurisdiction for each State. [2] U.S. Bureau of the Census estimates of civilian population as of July 1.

Source: National Center for Juvenile Justice, Pittsburgh, PA., *Juvenile Court Statistics,* annual. (Copyright.)

No. 317. Jail Inmates and Operating Expenditures, by State: 1983

[Five States—Connecticut, Delaware, Hawaii, Rhode Island, and Vermont, had integrated jail-prison systems and therefore, were excluded. Minus sign (–) indicates decrease]

Region and state	Inmates		Expenditures		Region and state	Inmates		Expenditures	
	Number	Percent change, 1978–1983	Total (mil. dol.)	Per inmate (dol.)		Number	Percent change, 1978–1983	Total (mil. dol.)	Per inmate (dol.)
United States	**223,551**	**41**	**2,129.7**	**9,360**	**South**—Con.				
Northeast	**36,634**	**52**	**624.6**	**16,657**	Florida	14,668	42	141.7	9,479
Maine	560	72	4.9	8,828	Georgia	10,214	23	58.1	5,384
Massachusetts	3,304	43	41.8	11,83	Kentucky	3,711	73	23.8	6,197
New Hampshire	475	28	5.8	11,749	Louisiana	8,507	63	49.6	6,040
New Jersey	5,971	54	70.0	11,120	Maryland	4,608	30	46.1	9,957
New York	16,154	48	397.8	24,297	Mississippi	2,498	3	14.1	5,696
Pennsylvania	10,170	59	104.3	10,165	North Carolina	3,496	25	23.5	6,040
					Oklahoma	2,215	30	16.6	6,655
Midwest	**39,530**	**39**	**372.8**	**9,020**	South Carolina	2,690	14	14.8	5,218
Illinois	8,849	53	60.5	6,529	Tennessee	6,005	40	40.5	6,465
Indiana	3,599	47	27.2	7,106	Texas	15,224	39	104.7	6,813
Iowa	839	26	10.7	11,861	Virginia	5,719	35	54.9	8,816
Kansas	1,328	33	11.4	8,681	West Virginia	1,015	–5	8.0	7,275
Michigan	7,637	33	83.8	10,993					
Minnesota	1,954	29	28.1	12,733	**West**	**57,900**	**51**	**471.8**	**8,310**
					Alaska	37	–16	.9	25,444
Missouri	3,783	33	29.5	7,484	Arizona	2,940	18	29.9	10,258
Nebraska	844	25	9.3	9,765	California	41,720	59	308.0	7,582
North Dakota	243	106	3.3	12,535	Colorado	2,747	63	26.9	10,661
Ohio	7,116	30	78.4	10,341	Idaho	604	12	5.2	7,918
South Dakota	316	15	2.7	8,038	Montana	405	25	4.4	10,464
Wisconsin	3,030	57	27.9	8,947					
					Nevada	940	3	15.8	16,439
South	**89,479**	**33**	**660.6**	**7,185**	New Mexico	1,346	70	11.5	8,793
Alabama	4,464	–12	26.7	5,466	Oregon	2,304	23	21.6	9,295
Arkansas	1,602	20	12.0	7,345	Utah	906	34	7.7	8,191
District of Columbia	2,843	102	25.6	10,845	Washington	3,610	47	36.4	9,947
					Wyoming	341	27	3.4	8,912

Source: U.S. Bureau of Justice Statistics, *The 1983 Jail Census,* November 1984.

No. 318. State Correctional Facilities—Characteristics, by Type of Institution: 1979

[**In thousands, except as indicated.** A unit was designated as overcrowded if it was smaller than 60 square feet or if it provided less than 60 square feet of floor space per inmate]

Characteristic	Total	Confinement	Community based	Characteristic	Total	Confinement	Community based
All facilities (number)	791	568	223	Full-time staff	94.4	91.1	3.3
Inmates[1]	274.6	263.6	11.0	Part-time staff	2.7	2.5	.2
Maximum security	109.7	109.7	-	One-person units	129.5	128.3	1.2
Medium security	98.2	98.2	-	Percent overcrowded	58	58	8
Minimum security	62.2	51.2	11.0	Multiple-person units	13.3	12.9	.5
Permitted to depart each day[2]	13.6	4.2	9.4	Percent overcrowded	89	90	75
On study release	.9	.4	.5	Dormitories	10.9	8.3	2.7
On work release	12.0	3.4	8.6	Percent overcrowded	18	20	11

- Represents zero. [1] Includes others, not shown separately and not classified. [2] Unaccompanied.

Source: U.S. Bureau of Justice Statistics, *1979 State Correctional Facilities Census.*

NO. 319. JAILS—SUMMARY: 1978 AND 1983

[As of **February.** Excludes Federal and State prisons or other correctional institutions; institutions exclusively for juveniles; State-operated jails in Connecticut, Delaware, Hawaii, Rhode Island, and Vermont; and other facilities which retain persons for less than 48 hours. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	United States	Northeast	Midwest	South	West
1978: Jails	**3,493**	**207**	**1,042**	**1,678**	**566**
With less than 50 inmates	2,844	109	933	1,360	422
With 50–249 inmates	519	75	89	249	106
With 250 or more inmates	130	23	20	49	38
With inmates being held for other authorities because of crowding	630	42	98	439	51
Number of inmates, total	158,394	24,228	28,452	67,444	38,270
1983: Jails	**3,338**	**223**	**972**	**1,607**	**536**
With less than 50 inmates	2,111	68	745	980	318
With 50–249 inmates	1,013	114	193	542	164
With 250 or more inmates	214	41	34	85	54
With inmates being held for other authorities because of crowding	553	61	109	297	86
Number of inmates, total	223,551	36,634	39,538	89,479	57,900
Male	207,782	34,615	37,000	83,696	52,471
Female	15,769	2,019	2,538	5,783	5,429
Adults	221,815	36,315	39,200	88,639	57,661
Juveniles	1,736	319	338	840	239

Source: U.S. Law Enforcement Assistance Administration, *Census of Jails and Survey of Jail Inmates, 1978;* and U.S. Bureau of Justice Statistics, *The 1983 Jail Census,* November 1984.

NO. 320. JAIL INMATES—SELECTED CHARACTERISTICS: 1978

[See headnote, table 319]

CHARACTERISTIC	Total[1]	White	Black	CHARACTERISTIC	Total[1]	White	Black
Total inmates [2]	**158,394**	**89,418**	**65,104**	Type of offense:			
Male	148,839	84,752	60,474	Violent	46,944	20,163	25,546
Female	9,555	4,666	4,630	Property	65,455	38,496	25,670
Median age (years)	25.3	25.0	25.6	Drug	13,586	8,680	4,726
Educational attainment:				Public order	30,088	20,597	8,363
Less than 12 years	96,265	53,084	40,923	Legal representation:			
12 years or more	61,943	36,163	24,165	With counsel	51,572	27,318	23,345
Median	10.2	10.2	10.2	Without counsel	14,443	8,879	5,052
Prearrest employment status:				Detention status:			
Employed	89,526	51,193	36,195	Unconvicted inmates	66,936	36,677	28,799
Not employed	68,101	37,858	28,555	Bail status:			
With prearrest income	147,736	83,622	60,592	Set	54,304	29,305	23,861
Median income (dollars)	3,714	4,184	2,986	Not set	11,607	6,848	4,441
Without prearrest income	10,659	5,796	4,512	Convicted inmates	91,411	52,698	36,300
Military service:				Method of conviction:			
Served	39,861	26,696	12,120	Pleaded guilty	70,045	42,538	25,682
Never served	118,486	62,716	52,942	Judged guilty	20,075	9,668	9,916

[1] Includes races other than White and Black. [2] Detail may not add to total because some items are unavailable or unknown.

Source: U.S. Bureau of Justice Statistics, *Profile of Jail Inmates: Sociodemographic Findings from the 1978 Survey of Inmates of Local Jails,* October 1980.

NO. 321. FEDERAL AND STATE PRISONERS: 1950 TO 1984

[Prior to 1970, excludes State institutions in Alaska and for 1950, those in Hawaii. Beginning 1980, includes all persons under jurisdiction of Federal and State authorities rather than those in the custody of such authorities. Represents inmates sentenced to maximum term of more than a year. See also *Historical Statistics, Colonial Times to 1970,* series H 1135–1140]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All institutions		Federal		State		All institutions		Federal		State	
	Number	Rate[1]	Number	Rate[1]	Number	Rate[1]	Number	Rate[1]	Number	Rate[1]	Number	Rate[1]
1950	166,123	110.3	17,134	11.4	148,989	98.9	69,473	46.1	14,237	9.5	55,236	36.7
1960	212,953	118.6	23,218	12.9	189,735	105.7	88,575	49.3	13,723	7.6	74,852	41.7
1965	210,895	109.5	21,040	10.9	189,855	98.6	87,505	45.4	12,781	6.6	74,724	38.8
1970	196,429	96.7	20,038	9.8	176,391	86.8	79,351	39.1	12,047	5.9	67,304	33.1
1975	240,593	113.3	24,131	11.4	216,462	102.0	129,573	61.0	16,770	7.9	112,803	53.1
1980	315,974	139.2	20,611	9.1	295,363	130.1	142,122	62.7	10,907	4.8	131,215	57.9
1982	395,516	170.6	23,652	10.2	371,864	160.4	177,109	76.1	12,461	5.4	164,648	70.7
1983	417,721	178.5	26,331	11.2	393,390	168.1	187,408	80.1	14,119	6.0	173,289	74.1
1984	445,381	188.0	27,602	12.0	417,779	176.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Rate per 100,000 estimated population.

Source: U.S. Bureau of Justice Statistics; *Prisoners in State and Federal Institutions on December 31,* annual.

No. 322. Adults Under Correctional Supervision, 1979 to 1983, and by State, 1983

[**In thousands, except rate.** As of **Dec. 31**, except as noted. Excludes juveniles, persons incarcerated in mental health institutions in lieu of prison, persons held by the armed services, persons held on Indian reservations, parolees under county jurisdiction, parolees whose sentences were for 1 year or less, and court probationers (those not placed under the supervisory authority of a probation agency). For composition of regions, see fig. I, inside front cover]

YEAR, REGION, DIVISION, AND STATE	Resident population [1]	PERSONS UNDER CORRECTIONAL SUPERVISION					RATE PER 10,000 ADULT RESIDENTS				
		Total	Jail [2]	Prison [3]	Parole [4]	Probation [5]	Total	Jail [2]	Prison [3]	Parole [4]	Probation [5]
1979	157,529	1,785.7	179.0	301.5	218.7	1,086.5	113	11	19	14	69
1980	162,762	1,845.5	191.0	316.0	220.4	1,118.1	115	12	20	14	69
1981	166,147	2,006.4	203.0	353.7	223.8	1,225.9	123	12	21	14	74
1982	168,770	2,185.7	207.9	395.9	224.6	1,357.3	131	12	24	13	80
1983, U.S. total [6]	**171,406**	**2,449.3**	**222.2**	**437.2**	**251.7**	**1,538.2**	**143**	**13**	**25**	**15**	**90**
Regions:											
Northeast	37,220	425.5	36.6	64.7	54.1	270.1	114	10	17	14	73
Midwest	42,894	440.8	39.2	81.9	46.6	272.9	94	9	19	11	55
South	57,822	986.4	88.8	185.7	90.6	621.3	171	15	32	16	107
West	33,467	493.7	57.6	73.0	40.7	322.4	147	17	22	12	96
New England	**9,426**	**107.3**	**4.5**	**13.3**	**7.6**	**81.9**	**114**	**5**	**14**	**8**	**87**
Maine	838	5.2	.5	1.1	.1	3.5	62	6	13	1	42
New Hampshire	708	3.9	.7	.5	.5	2.2	55	10	7	7	31
Vermont	385	5.1	–	.5	.3	4.3	133	–	13	8	112
Massachusetts	4,389	37.4	3.3	4.5	5.0	24.6	84	7	10	11	56
Rhode Island	728	8.1	–	1.2	.4	6.5	110	–	16	5	89
Connecticut	2,378	47.6	–	5.5	1.3	40.8	200	–	23	5	172
Middle Atlantic	**27,794**	**318.4**	**32.1**	**51.5**	**46.5**	**188.3**	**114**	**11**	**18**	**17**	**68**
New York	13,246	152.8	15.9	30.5	23.5	82.9	116	12	23	18	63
New Jersey	5,598	69.2	6.0	9.2	12.3	41.7	123	11	16	22	74
Pennsylvania	8,950	96.4	10.2	11.8	10.7	63.7	107	11	13	12	71
East North Central	**30,186**	**312.1**	**30.0**	**62.2**	**37.1**	**182.8**	**103**	**10**	**21**	**12**	**60**
Ohio	7,836	71.6	7.1	18.0	10.3	36.2	91	9	23	13	46
Indiana	3,957	51.8	3.5	9.3	3.0	36.0	131	9	23	8	91
Illinois	8,378	94.5	8.8	15.6	11.6	58.5	113	10	19	14	70
Michigan	6,552	61.9	7.6	14.4	8.8	31.1	94	12	22	13	47
Wisconsin	3,463	32.3	3.0	4.9	3.4	21.0	94	9	14	10	61
West North Central	**12,708**	**128.7**	**9.2**	**19.8**	**9.6**	**90.1**	**102**	**7**	**16**	**8**	**71**
Minnesota	3,016	33.2	1.9	2.1	1.5	27.7	110	6	7	5	92
Iowa	2,118	16.6	.8	2.8	1.6	11.4	79	4	13	8	54
Missouri	3,659	38.5	3.8	8.3	3.8	22.6	105	10	23	10	62
North Dakota	485	2.2	.2	.4	.2	1.4	45	4	8	4	29
South Dakota	496	3.0	.3	.8	.4	1.5	60	6	16	8	30
Nebraska	1,156	13.7	.8	1.6	.4	10.9	118	7	14	3	94
Kansas	1,778	21.5	1.3	3.7	1.9	14.6	121	7	21	11	82
South Atlantic	**28,855**	**492.1**	**44.7**	**97.5**	**39.1**	**310.8**	**170**	**15**	**34**	**13**	**108**
Delaware	451	8.3	–	2.2	.7	5.4	184	–	49	15	120
Maryland	3,212	84.8	4.6	12.6	6.1	61.5	263	14	39	19	191
District of Columbia	488	19.5	2.8	4.3	2.8	9.6	399	57	88	57	197
Virginia	4,126	39.3	5.6	10.1	7.4	16.2	95	14	24	18	39
West Virginia	1,425	6.0	1.0	1.6	.6	2.8	42	7	11	4	20
North Carolina	4,481	69.9	3.5	15.4	5.1	45.9	155	8	34	11	102
South Carolina	2,337	32.1	2.7	9.6	3.2	16.6	138	12	41	14	71
Georgia	4,110	123.6	10.2	15.4	6.8	91.2	300	25	37	16	222
Florida	8,225	108.6	14.3	26.3	6.4	61.6	132	17	32	8	75
East South Central	**10,745**	**106.5**	**16.7**	**28.4**	**12.3**	**49.1**	**98**	**15**	**26**	**11**	**46**
Kentucky	2,676	26.9	3.7	4.7	3.5	15.0	101	14	18	13	56
Tennessee	3,437	29.8	6.0	8.2	3.6	12.0	86	17	24	10	35
Alabama	2,845	32.2	4.5	9.9	2.0	15.8	113	16	35	7	55
Mississippi	1,787	17.6	2.5	5.6	3.2	6.3	98	14	31	18	35
West South Central	**18,222**	**388.1**	**27.4**	**59.7**	**39.4**	**261.6**	**213**	**15**	**33**	**22**	**143**
Arkansas	1,677	12.8	1.5	4.2	3.4	3.7	76	9	25	20	22
Louisiana	3,082	47.8	8.5	12.8	2.0	24.5	154	28	41	6	79
Oklahoma	2,380	27.5	2.2	7.4	1.9	16.0	115	9	31	8	67
Texas	11,083	300.0	15.2	35.3	32.1	217.4	271	14	32	29	196
Mountain	**8,672**	**94.0**	**10.0**	**19.7**	**8.5**	**55.8**	**108**	**11**	**23**	**10**	**64**
Montana	583	4.5	.4	.9	.7	2.5	77	7	15	12	43
Idaho	671	5.4	.6	1.2	.4	3.2	81	9	18	6	48
Wyoming	355	2.8	.3	.7	.3	1.5	78	8	20	8	42
Colorado	2,293	23.0	2.7	3.2	1.5	15.6	100	12	14	6	68
New Mexico	969	9.1	1.3	2.0	1.7	4.1	93	13	21	18	42
Arizona	2,129	27.6	2.9	7.2	1.7	15.8	130	14	34	8	74
Utah	1,010	11.3	.9	1.3	1.1	8.0	112	9	13	11	79
Nevada	662	10.3	.9	3.2	1.1	5.1	156	14	48	17	77
Pacific	**24,795**	**400.0**	**47.5**	**53.2**	**32.3**	**266.9**	**161**	**19**	**21**	**13**	**108**
Washington	3,154	77.1	3.6	6.6	4.4	62.5	244	11	21	14	198
Oregon	1,953	27.9	2.3	3.9	1.8	19.9	143	12	20	9	102
California	18,624	283.2	41.7	39.4	25.5	176.6	152	22	21	14	95
Alaska	325	3.5	(Z)	1.6	.1	1.8	107	–	49	3	55
Hawaii	739	8.2	–	1.7	.5	6.1	112	–	23	7	82

– Represents zero. Z Fewer than 50. [1] 18 years and over. 1979, 1981, 1982, and 1983 as of July 1; 1980, as of April 1. [2] Source: 1979–82, National Council on Crime and Delinquency, *Parole in the United States*, annual, and *Probation in the United States*, annual. The adult jail populations are for June 30, 1983. Includes both convicted and unconvicted adults held in locally operated jails. Connecticut, Delaware, Hawaii, Rhode Island, and Vermont had integrated jail/prison systems; the total incarcerated population for those states appears as the prison population. [3] Includes all inmates of Federal and State institutions.

[4] Includes all adults under State parole supervision, whether released from prison via parole board decision or mandatory release, who were sentenced to more than 1 year in prison. [5] Includes all adults who, as part of a State, or local court order, have been placed under the supervisory authority of a probation agency. [6] Includes both State and Federal.

Source: U.S. Bureau of Justice Statistics, *Probation and Parole*, annual; *The 1983 Jail Census;* and *Prisoners in State and Federal Institutions on December 31*, annual.

No. 323. Prisoners Under Jurisdiction of State and Federal Correctional Authorities—Summary, by State: 1980 to 1984

[For years ending Dec. 31, except as noted]

Sex, region, division and state	1980, total	1983, total	1984				Sentenced to more than one year			
			Total prisoners	Highest reported capacity	Prisoners as percent of capacity[1]	Early releases[2]	1980	1983	1984	
									Total	Rate per 100,000 population[3]
U.S.	**329,821**	**437,248**	**463,866**	**434,371**	117	**17,365**	**315,974**	**419,731**	**445,381**	**188**
Male	316,401	418,104	443,013	(NA)	(NA)	16,154	303,643	402,120	425,986	369
Female	13,420	19,144	20,853	(NA)	(NA)	1,211	12,331	17,611	19,395	16
Federal institutions[4]	24,363	31,926	34,263	31,161	124	-	20,611	26,331	27,602	12
State institutions	305,458	405,322	429,603	403,210	111	17,365	295,363	393,400	417,779	176
Region:										
Northeast	45,796	64,671	70,537	67,131	(NA)	(NA)	43,165	61,977	67,835	136
Midwest	66,211	81,917	85,859	73,328	(NA)	(NA)	64,494	81,365	85,429	144
South	146,358	185,677	193,286	189,811	(NA)	(NA)	142,650	179,963	187,925	231
West	47,093	73,057	79,921	72,940	(NA)	(NA)	45,054	70,095	76,590	166
N. Eng	**9,926**	**13,171**	**13,929**	**12,137**	(NA)	(NA)	**7,850**	**10,545**	**11,319**	(NA)
ME	814	1,082	1,025	951	102	(NA)	671	861	840	72
NH	326	479	561	[5] 565	[5] 99	-	326	479	561	57
VT[6]	460	497	[7] 515	529	101	(NA)	342	378	392	74
MA[6]	3,185	4,482	4,890	3,362	150	-	3,150	4,372	[9] 4,890	[9] 84
RI[6]	813	1,157	1,220	1,347	96	-	611	876	886	92
CT[5]	4,308	5,474	5,718	5,383	126	-	2,750	3,577	3,748	119
Mid. Atl	**35,870**	**51,500**	**56,608**	**54,994**	(NA)	(NA)	**35,315**	**51,432**	**56,516**	(NA)
NY	21,815	30,541	33,155	35,035	96	-	21,639	30,541	33,155	187
NJ	5,864	9,192	[8] 10,363	9,934	114	213	5,564	9,192	[8] 10,363	138
PA	8,171	11,767	13,090	10,025	131	(NA)	8,112	11,699	12,998	109
E. No. Cent	**51,175**	**62,145**	**64,836**	**52,259**	(NA)	(NA)	**49,598**	**61,749**	**64,571**	(NA)
OH	13,489	18,007	18,694	11,600	161	-	13,489	18,007	[9] 18,694	[9] 174
IN	6,663	9,296	9,328	6,259	149	(NA)	6,281	8,973	9,063	165
IL	11,899	15,595	17,187	17,392	98	-	10,724	15,522	17,187	149
MI	15,124	14,382	14,604	12,930	113	4,149	15,124	14,382	14,604	161
WI	3,960	4,865	5,023	4,078	123	219	3,980	4,865	5,023	105
W. No. Cent	**15,036**	**19,772**	**21,023**	**21,069**	(NA)	(NA)	**14,698**	**19,616**	**20,658**	(NA)
MN	2,001	2,113	2,167	2,500	89	-	2,001	2,113	2,167	52
IA[11]	2,481	2,814	2,836	2,818	100	-	2,479	2,814	2,836	97
MO	5,726	8,275	8,808	8,883	99	-	5,726	8,275	8,608	175
ND	253	410	434	471	92	(NA)	185	350	374	54
SD	635	826	917	996	92	-	609	808	900	127
NE	1,446	1,629	1,623	1,562	104	-	1,402	1,551	1,595	95
KS	2,494	3,705	4,238	[5] 3,841	[5] 104	-	2,494	3,705	4,238	173
So. Atl	**78,815**	**97,539**	**101,667**	**99,997**	(NA)	(NA)	**75,391**	**92,163**	**96,710**	(NA)
DE[5]	1,474	2,198	2,200	2,041	108	(NA)	1,087	1,579	1,615	263
MD	7,731	12,617	13,124	13,160	100	(NA)	7,731	11,979	12,442	265
DC[5]	3,145	4,344	4,834	[5] 3,503	[5] 138	(NA)	2,719	3,465	4,031	649
VA[12]	8,920	10,093	10,667	9,557	112	-	8,581	9,855	10,493	185
WV	1,257	1,624	1,599	2,111	77	(NA)	1,257	1,624	[9] 1,599	[9] 82
NC	15,513	15,395	16,371	16,695	98	-	14,456	14,257	15,219	246
SC	7,862	9,576	10,035	7,976	126	459	7,427	9,076	9,434	284
GA	12,178	15,358	15,731	[11] 15,502	129	7,425	11,922	14,935	14,944	254
FL	20,735	26,334	27,106	29,452	111	-	20,211	25,393	26,933	242
E. So. Cent	**21,055**	**28,395**	**26,692**	**26,554**	(NA)	(NA)	**20,771**	**28,075**	**28,315**	(NA)
KY[6]	3,588	4,752	[13] 4,793	4,834	100	(NA)	3,588	4,752	4,793	128
TN	7,022	8,201	[5] 7,302	7,686	95	3,742	7,022	8,201	7,302	154
AL	6,543	9,856	10,482	9,166	109	-	6,368	9,641	10,246	256
MS	3,902	5,586	6,115	4,868	99	79	3,793	5,481	5,974	229
W. So. Cent	**45,488**	**59,743**	**62,927**	**63,260**	(NA)	(NA)	**46,488**	**59,725**	**62,900**	(NA)
AR	2,911	4,244	4,454	4,398	101	-	2,911	4,226	4,427	186
LA	8,889	12,812	13,919	10,967	101	-	8,889	12,812	13,919	310
OK	4,796	7,428	7,872	7,221	127	487	4,796	7,428	[9] 7,872	[9] 236
TX[11]	29,892	35,259	36,682	40,674	93	-	29,892	35,259	36,682	226
Mt	**13,141**	**19,750**	**21,294**	**19,266**	(NA)	(NA)	**13,024**	**19,330**	**20,837**	(NA)
MT	739	903	1,005	1,011	118	1	738	901	1,005	121
ID	817	1,192	1,282	1,175	121	57	817	1,192	1,282	127
WY	534	721	[5] 740	682	116	30	534	721	740	143
CO	2,629	3,244	3,364	3,182	106	-	2,609	3,244	3,347	104
NM	1,279	1,977	2,129	2,390	89	-	1,199	1,708	1,908	133
AZ	4,372	7,251	7,845	6,491	121	172	4,360	7,115	7,638	247
UT	932	1,274	1,419	1,383	104	-	926	1,261	1,407	84
NV	1,839	3,188	3,510	2,952	119	(NA)	1,839	3,188	3,510	380
Pac	**33,952**	**53,307**	**58,627**	**53,674**	(NA)	(NA)	**32,030**	**50,765**	**55,753**	(NA)
WA	4,399	6,659	6,821	6,312	130	318	4,399	6,659	6,821	156
OR	3,177	3,941	4,563	3,510	163	-	3,172	3,941	4,563	170
CA[11]	24,569	39,373	43,314	40,724	106	-	23,264	38,025	41,780	162
AK[6]	822	1,634	1,995	1,684	118	14	571	1,075	1,290	252
HI[6]	985	1,700	1,934	1,444	165	(NA)	624	1,065	1,299	124

- Represents zero. NA Not available. [1] Average of highest and lowest capacity reported. Excludes persons housed in local jails. [2] Number of prisoners released because of overcrowding. [3] Unpublished Bureau of the Census estimates as of Dec. 31, 1983 for the resident population were used to calculate rates. [4] Includes persons held under jurisdiction of the Immigration and Naturalization Service (1,134 in 1983 and 1,612 in 1984). [5] Males only. [6] Includes both jail and prison inmates (State has combined jail and prison system). [7] Yearend Dec. 20, 1984. [8] Excludes State prisoners held in local jails because of overcrowding. [9] Cannot distinguish inmates by sentence length; therefore, rate based on total inmates. [10] Yearend January 19, 1984. [11] *Excludes inmates* under State jurisdiction but not in State custody; excludes adult inmates under jurisdiction of the California Youth Authority. [12] Yearend 1983 data are for January 1, 1984. [13] Yearend Dec. 28, 1984.

Source: U.S. Bureau of Justice Statistics, *Prisoners in 1984.*

NO. 324. RECIDIVISM, BY YEAR OF RELEASE: 1979

[A recidivist is a person admitted to prison who previously served a sentence of incarceration as a juvenile, adult, or both. Based on a nationwide survey of inmates of State prisons conducted in October and November of 1979; see source for methodological note]

YEAR OF LAST RELEASE	Number entering prison in 1979 [1]	Release from State prisons each year	Percent returning to State prison by 1979	Cumulative return rate through year 20	Percent of total returns occurring in each year [2]	YEAR OF LAST RELEASE	Number entering prison in 1979 [1]	Release from State prisons each year	Percent returning to State prison by 1979	Cumulative return rate through year 20	Percent of total returns occurring in each year [2]
1979	18,067	128,980	14.01	14.01	28.7	1969	654	74,109	.88	45.65	1.8
1978	11,212	118,920	9.43	23.44	19.3	1968	585	70,250	.83	46.48	1.7
1977	6,923	116,162	5.96	29.40	12.2	1967	489	79,835	.61	47.09	1.3
1976	4,466	108,442	4.12	33.52	8.5	1966	114	83,237	.14	47.23	.3
1975	3,869	109,035	3.55	37.07	7.5	1965	326	86,876	.38	47.61	.8
1974	2,602	91,183	2.85	39.92	5.8	1964	184	87,030	.21	47.82	.4
1973	1,735	95,324	1.82	41.74	3.7	1963	307	85,101	.36	48.18	.7
1972	1,135	96,373	1.18	42.92	2.4	1962	206	86,589	.24	48.42	.5
1971	967	96,701	1.00	43.92	2.1	1961	170	81,599	.21	48.63	.4
1970	653	76,649	.85	44.77	1.7	1960	90	77,870	.12	48.75	.2

[1] Represents the number of inmates who reported a last release from a State prison in a particular year and reentered a State prison in 1979. [2] Total returns over the twenty-year period. Excludes those released from prison prior to 1960. Represents percent returning to State prison by 1979 divided by cumulative return rate (48.75).

Source: U.S. Bureau of Justice Statistics, Special Report, *Examining Recidivism*, February 1985.

NO. 325. RECIDIVISM—PROFILE OF STATE PRISON ADMISSIONS, BY TYPE OF ADMISSION: 1979

[**In percent, except as indicated.** Those whose prior sentence would have extended beyond their admission date are referred to as "avertable recidivists." By contrast, those whose 1979 admission to prison would not have been affected by their prior confinement sentence are called "nonavertable recidivists." See headnote, table 324]

CHARACTERISTIC	Total	First-timers	Avertable recidivists	Nonavertable recidivists	CHARACTERISTIC	Total	First-timers	Avertable recidivists	Nonavertable recidivists
Admissions, number	**153,465**	**59,331**	**43,235**	**50,899**	**Marital status:**				
Age at admission: [1]					Married	25.8	25.2	26.1	26.2
18 yr. or less	3.6	5.1	1.2	4.0	Widowed, divorced, separated	21.7	18.5	24.2	23.3
20 yr. or less	17.0	22.2	10.4	16.6	Never married	52.5	56.3	49.7	50.5
22 yr. or less	31.8	41.6	21.5	29.1					
24 yr. or less	45.2	55.1	37.0	40.5	**Employed prior to arrest:**				
26 yr. or less	56.6	65.3	49.0	52.4	No	26.1	22.5	28.8	28.0
29 yr. or less	69.5	75.6	66.1	65.1	Full-time	63.2	66.8	61.9	60.0
32 yr. or less	78.2	82.4	76.4	74.9	Part-time	10.7	10.7	9.3	12.0
36 yr. or less	86.3	88.3	87.0	83.4					
40 yr. or less	91.1	91.5	91.8	90.0	**Family member ever incarcerated**	**35.3**	**27.3**	**39.8**	**40.7**
50 yr. or less	96.9	96.9	97.7	96.4	**Drug user:**				
51 yr. or more	100.0	100.0	100.0	100.0	Used heroin regularly	20.3	11.4	28.0	24.2
Median age (yr.)	24.9	23.2	26.2	25.6	Used heroin month before arrest	9.5	5.5	13.8	10.9
Race:					Under influence of heroin [3]	6.9	3.5	10.4	7.9
White	53.7	54.7	55.9	50.7	Under influence of any drug [3]	33.7	29.1	37.8	35.7
Black	43.5	42.6	41.2	46.5					
Other	2.8	2.7	2.9	2.8	**Alcohol use:** [3]				
Education: [2]					Drinking	50.1	49.2	48.8	52.2
0–8 yr	5.2	5.3	4.3	6.0	Very drunk	36.1	33.4	36.1	39.3
7–8 yr	11.0	8.3	12.6	12.8					
9–11 yr	49.7	49.4	48.0	51.6					
12 yr	23.1	25.0	23.2	20.8					
More than 12 yr	10.9	12.0	12.0	8.7					
Median (yr)	10.4	10.5	10.4	10.2					

[1] Cumulative. [2] Years of school completed. [3] At time of offense.

Source: U.S. Bureau of Justice Statistics, Special Report, *Examining Recidivism*, February 1985.

No. 326. Average Time Served by Prisoners Released From Federal Institutions for First Time, 1965 to 1984, and by Offense, 1984

[For years ending June 30; except beginning 1977, years ending September 30. In computing averages, sentences to life and more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

Year and offense	All first releases [1]			Parole [1]			Expiration of sentence [1, 2]			YCA [3] releases	
	Number	Average time (mo.)		Number	Average time (mo.)		Number	Average time (mo.)		Number	Avg. time served (mo.)
		Sentence	Served		Sentence	Served		Sentence	Served		
1965, all offenses	12,100	32.6	19.9	3,394	42.6	18.3	8,706	28.7	20.5	1,226	21.6
1970, all offenses	8,487	38.6	19.7	2,754	55.0	20.0	5,733	30.7	19.6	947	21.7
1975, all offenses	11,313	39.8	18.5	4,367	73.7	27.8	6,946	18.5	12.6	1,136	21.6
1976, all offenses	10,463	32.3	15.1	3,114	74.3	26.9	7,349	14.4	10.1	958	19.7
1977, all offenses	10,953	30.7	15.5	2,688	70.8	26.5	8,265	17.7	12.0	1,038	21.9
1978, all offenses	12,132	37.2	18.7	3,318	78.5	30.0	8,814	21.6	14.4	1,172	24.7
1979, all offenses	10,925	44.1	21.0	3,766	85.1	32.6	7,159	22.4	14.9	1,008	25.3
1980, all offenses	9,069	33.9	15.9	2,440	83.8	31.0	6,629	15.5	10.3	468	24.5
1981, all offenses	9,884	41.0	17.9	3,495	83.9	30.2	6,389	17.6	11.1	650	25.0
1982, all offenses	11,348	36.6	16.3	3,554	81.7	29.1	7,794	16.0	10.5	593	21.8
1983, all offenses	11,896	35.4	15.9	4,263	69.8	27.0	7,633	16.3	9.7	545	20.0
1984, all offenses [4]	**15,050**	**35.5**	**15.6**	**4,635**	**76.2**	**26.4**	**10,415**	**17.4**	**10.8**	**552**	**20.2**
Counterfeiting	305	32.4	14.9	109	55.1	18.9	196	19.8	12.7	13	20.3
Drug laws	3,776	44.8	19.5	1,638	68.9	24.8	2,138	26.5	15.4	130	16.0
Embezzlement	315	22.1	12.0	97	43.1	17.6	218	12.8	9.6	9	14.3
Escape, flight, or harboring a fugitive	170	33.9	20.9	41	56.7	28.6	129	26.7	18.5	2	26.0
Firearms	656	31.8	17.9	161	54.3	21.9	495	24.5	16.5	25	33.8
Forgery	390	29.7	12.6	168	45.9	16.2	222	17.4	9.9	25	13.0
Fraud	1,158	22.9	11.8	321	43.7	17.0	837	14.9	9.8	13	18.0
Immigration	3,620	6.8	4.2	243	35.1	13.4	3,377	4.7	3.6	35	9.2
Income tax	303	18.8	10.8	74	38.2	17.8	229	12.5	8.6	-	-
Juvenile delinquency	4	42.7	23.0	1	46.0	36.0	3	41.6	18.6	-	-
Kidnapping	43	209.4	73.8	29	257.7	79.9	14	109.2	61.4	3	30.6
Larceny-theft	1,604	31.9	15.3	603	50.6	19.0	1,001	20.6	13.1	69	18.3
Motor vehicle, interstate	251	41.8	20.6	101	57.1	21.5	150	31.4	20.0	11	17.7
Liquor laws	7	20.2	9.4	2	48.0	19.0	5	9.2	5.6	-	-
Robbery	850	136.8	46.8	594	165.6	51.0	256	70.0	36.9	144	23.6
Securities, transporting false	30	45.2	20.3	16	55.1	21.2	14	33.7	19.2	-	-
White slave traffic	14	82.0	37.2	5	144.0	49.0	9	47.6	30.6	-	-
Military court-martial cases	23	93.4	44.1	11	130.9	52.2	12	59.1	36.6	-	-
Govt. reservation, high seas, territories, and DC	466	61.3	24.6	173	124.9	39.9	313	26.2	16.2	57	27.1

- Represents zero. [1] Excludes prisoners sentenced under Youth Corrections Act. [2] Includes mandatory release. [3] Youth Corrections Act. [4] Includes other offenses not shown separately. Excludes 453 first releases (escapes, pardons, etc.) other than by parole, expiration of sentence, and mandatory release; also excludes 731 second or subsequent releases.

Source: U.S. Bureau of Prisons, *Statistical Report*, annual.

No. 327. Prisoners Under Sentence of Death: 1980 to 1984

[As of December 31. Excludes prisoners under sentence of death who remained within local correctional systems pending exhaustion of appellate process or who had not been committed to prison. These data may not match data in table 328 because of revisions to totals but not to characteristics]

Characteristic	1980	1981	1982	1983	1984	Characteristic	1980	1981	1982	1983	1984
Total	**714**	**838**	**1,050**	**1,202**	**1,405**	Marital status:					
						Never married	268	327	413	484	570
White	427	488	604	690	804	Married	229	259	317	368	443
Black and other	287	350	446	512	601	Divorced [1]	217	252	320	350	392
Under 20 years	11	15	18	12	11	Time elapsed since sentencing:					
20-24 years	173	171	195	217	215	Less than 12 months	185	227	264	251	279
25-34 years	334	415	531	597	702	12-47 months	389	416	525	622	694
35-54 years	186	224	294	359	453	48-71 months	102	110	150	186	228
55 years and over	10	13	12	17	24	72 months and over	38	85	111	143	204
Years of school completed:											
7 years or less	68	74	81	99	121	Legal status at arrest:					
8 years	74	83	105	123	137	Not under sentence	384	433	556	605	739
9-11 years	204	247	318	358	401	Parole or probation	115	147	182	225	279
12 years	162	199	258	319	385	Prison or escaped	45	46	53	58	66
More than 12 years	43	57	78	88	110	Unknown	170	212	259	314	321
Unknown	163	178	210	215	251						

[1] Includes persons married but separated, widows, widowers, and unknown.

Source: U.S. Bureau of Justice Statistics, *Capital Punishment*, annual.

No. 328. Movement of Prisoners Under Sentence of Death: 1970 to 1984

[Prisoners reported under sentence of death by civil authorities. The term "under sentence of death" begins when the court pronounces the first sentence of death for a capital offense. As a result of a major procedural change, beginning 1977, all data except executions are not strictly comparable to corresponding data for earlier years. See source for explanation]

STATUS	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Under sentence of death, Jan. 1	575	244	420	423	482	593	691	856	1,063	1,202
Received death sentence [1]	133	322	159	209	172	198	245	264	252	280
White	66	145	82	123	104	122	130	151	151	164
Black	66	174	75	84	66	75	111	109	99	112
Dispositions other than executions	77	78	155	150	59	100	79	68	108	63
Executions	-	-	1	-	2	-	1	2	5	21
Under sentence of death, Dec. 31. [1]	631	488	423	482	593	691	856	1,050	1,202	1,405
White	293	218	229	281	354	422	497	604	690	804
Black	335	262	192	197	236	265	351	434	500	585

- Represents zero. [1] Includes races other than White or Black.

No. 329. Prisoners Executed Under Civil Authority: 1930 to 1984

[Excludes executions by military authorities. The Army (including the Air Force) carried out 160 (148 between 1942 and 1950, 3 each in 1954, 1955, and 1957, and 1 each in 1958, 1959, and 1961). Of the total, 106 were executed for murder (including 21 involving rape), 53 for rape, and 1 for desertion. The Navy carried out no executions during the period. See also *Historical Statistics, Colonial Times to 1970,* series H 1155-1167]

YEAR OR PERIOD	Total [1]	White	Black	EXECUTED FOR MURDER			EXECUTED FOR RAPE			OTHER OFFENSES [2]		
				Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
All years	**3,870**	**1,760**	**2,068**	**3,345**	**1,673**	**1,632**	**455**	**48**	**405**	**70**	**39**	**31**
1930-1939	1,667	827	816	1,514	803	687	125	10	115	28	14	14
1940-1949	1,284	490	781	1,064	458	595	200	19	179	20	13	7
1950-1959	717	336	376	601	316	280	102	13	89	14	7	7
1960-1964	181	90	91	145	79	66	28	6	22	8	5	3
1965-1967	10	8	2	10	8	2	-	-	-	-	-	-
1968-1976	-	-	-	-	-	-	-	-	-	-	-	-
1977-1982 [3]	6	5	1	6	5	1	-	-	-	-	-	-
1983	5	4	1	5	4	1	-	-	-	-	-	-
1984	21	13	8	21	13	8	-	-	-	-	-	-

- Represents zero. [1] Includes races other than White or Black. [2] 25 armed robbery, 20 kidnapping, 11 burglary, 8 espionage (6 in 1942, and 2 in 1953), and 6 aggravated assault. [3] See footnotes 1 and 2, table 330.

No. 330. Prisoners Under Sentence of Death and Executed Under Civil Authority—States: 1940 to 1984

[No executions took place in Maine, Michigan, Minnesota, New Hampshire, North Dakota, Rhode Island, or Wisconsin from 1940 to 1981. At no time during this period was the death penalty authorized in Maine, Minnesota, and Wisconsin; it was abolished in Michigan in 1963 and lapsed in North Dakota in 1975 through statutory expiration; in the remaining two States, New Hampshire and Rhode Island, the death penalty was authorized during most of the period. Alaska and Hawaii are included in these data only after attaining statehood in 1959. Since 1959, neither State has authorized the death penalty]

STATE	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979 [1]	1980 to 1984 [2]	STATE	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979 [1]	1980 to 1984 [2]	STATE	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979 [1]	1980 to 1984 [2]
Total [3]	**1,284**	**717**	**191**	**3**	**29**	IA	7	1	2	-	-	OH	51	32	7	-	-
						KS	5	5	5	-	-	OK	13	7	6	-	-
AL	50	20	5	-	1	KY	34	16	1	-	-	OR	12	4	1	-	-
AZ	9	8	4	-	-	LA	47	27	1	-	6	PA	36	31	3	-	-
AR	38	18	9	-	-	MD	45	6	1	-	-	SC	61	26	8	-	-
CA	80	74	30	-	-	MA	9	-	-	-	-	SD	1	-	-	-	-
CO	13	3	6	-	-	MS	60	36	10	-	1	TN	37	8	1	-	-
CT	10	5	1	-	-	MO	15	7	4	-	-	TX	74	74	29	-	4
DE	4	-	-	-	-	MT	1	-	-	-	-	UT	4	6	1	1	-
DC	16	4	-	-	-	NE	2	2	-	-	-	VT	1	2	-	-	-
FL	65	49	12	1	9	NV	10	9	2	1	-	VA	35	23	6	-	2
GA	130	85	14	-	3	NJ	14	17	3	-	-	WA	16	6	2	-	-
ID	-	3	-	-	-	NM	2	3	1	-	-	WV	11	9	-	-	-
IL	18	9	2	-	-	NY	114	52	10	-	-	WY	2	-	1	-	-
IN	7	2	1	-	1	NC	112	19	1	-	2						

- Represents zero. [1] One execution in 1977, none in 1978, and two in 1979. [2] No executions in 1980, one in 1981, two in 1982, five in 1983, and 21 in 1984.
[3] Includes 23 Federal executions not shown by State (1940-1949, 13; 1950-1959, 9; and 1960-1969, 1).

Source of tables 328-330: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment,* annual.

No. 331. Fire Losses—Total and Per Capita: 1946 to 1983

[Prior to 1962, excludes Alaska and Hawaii. Includes allowance for uninsured and unreported losses but excludes losses to government property and forests. Based on paid losses through 1953, *incurred losses thereafter*]

YEARLY AVERAGE	Total (mil. dol.)	YEAR	Total (mil. dol.)	Per capita [1]	YEAR	Total (mil. dol.)	Per capita [1]	YEAR	Total (mil. dol.)	Per capita [1]
1946-1950	643	1960	1,108	$6.19	1968	1,830	$9.20	1976	3,558	$16.35
1951-1955	833	1961	1,209	6.64	1969	1,952	9.71	1977	3,764	17.13
1956-1960	1,045	1962	1,265	6.80	1970	2,328	11.41	1978	4,008	18.05
1961-1965	1,340	1963	1,406	7.48	1971	2,316	11.20	1979	4,851	21.60
1966-1970	1,850	1964	1,367	7.16	1972	2,304	11.01	1980	5,579	24.56
1971-1975	2,802	1965	1,456	7.51	1973	2,639	12.49	1981	5,625	24.53
1976-1980	4,358	1966	1,497	7.64	1974	3,190	14.95	1982	5,894	25.46
		1967	1,707	8.66	1975	3,190	14.81	1983	5,854	25.20

[1] Based on Bureau of the Census estimated resident population as of July 1.

Source: 1946-1964, National Board of Fire Underwriters, New York, NY, *Report of the Committee on Statistics and Origin of Losses;* thereafter, Insurance Information Institute, New York, NY, *Insurance Facts,* annual.

No. 332. Fires—Number and Loss, by Type and Property Use: 1979 to 1983

[Based on annual sample survey of fire departments. No adjustments were made for unreported fires and losses. Property loss includes direct property loss only]

TYPE AND PROPERTY USE	NUMBER (1,000)					PROPERTY LOSS (mil. dol.)				
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
Fires, total	**2,846**	**2,988**	**2,893**	**2,538**	**2,327**	**5,750**	**6,254**	**6,676**	**6,432**	**6,598**
Structure	1,037	1,065	1,027	946	869	4,964	5,454	5,976	5,731	5,826
Outside of structure [1]	60	67	61	54	49	38	61	61	52	35
Brush and rubbish	956	1,115	1,052	832	756	-	-	-	-	-
Vehicle	496	472	466	443	447	682	685	594	591	694
Other	277	249	267	263	206	66	54	45	58	43
Structure by property use:										
Public assembly	31	29	28	28	25	284	326	356	381	354
Educational	22	20	20	17	11	79	101	184	161	103
Institutional	30	28	27	28	23	34	25	38	17	14
Stores and offices	64	62	65	56	50	457	645	642	510	686
Residential	722	758	733	676	642	2,529	3,042	3,259	3,253	3,306
1-2 family units [2]	551	591	574	538	524	2,034	2,447	2,713	2,794	2,792
Apartments	146	143	137	117	102	343	401	415	353	413
Hotels and motels	11	12	12	10	9	100	154	99	84	64
Other residential	14	12	10	11	7	52	40	32	22	37
Storage [3]	64	65	62	54	48	507	512	616	584	473
Industry, utility, defense [3]	58	55	49	42	36	966	672	775	663	763
Special structures	46	48	43	44	34	108	131	106	162	127

- *Represents zero.* [1] Includes outside storage, crops, timber, etc. [2] Includes mobile homes. [3] Data underreported as some incidents were handled by private fire brigades or fixed suppression systems which do not report.

Source: National Fire Protection Association, Quincy, MA, Survey of Fire Departments for U.S. Fire Experience (1979-83).

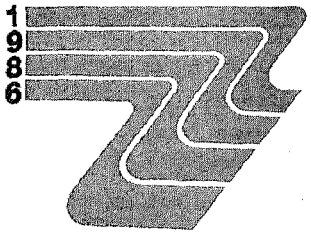
No. 333. Fires and Property Loss for Incendiary and Suspicious Fires; and Civilian Fire Deaths and Injuries By Selected Property Type: 1980 to 1983

[Based on sample survey of fire departments]

ITEM	1980	1981	1982	1983	PROPERTY TYPE	1980	1981	1982	1983
NUMBER (1,000)					CIVILIAN FIRE DEATHS				
Structure fires, total	**1,065**	**1,027**	**945**	**869**	**Deaths, total [2]**	**6,505**	**6,700**	**6,020**	**5,920**
Structure fires of incendiary or suspicious origin	146	155	129	122	Residential property	5,446	5,540	4,940	4,820
Fires of incendiary origin	92	88	77	73	One- and two-family dwellings	4,175	4,430	3,960	3,825
Fires of suspicious origin	54	67	52	49	Apartments	1,025	970	860	845
PROPERTY LOSS [1] (mil. dol.)					Vehicles	740	840	695	725
					CIVILIAN FIRE INJURIES				
Structure fires, total	**5,454**	**5,976**	**5,731**	**5,826**	**Injuries, total [2]**	**30,200**	**30,700**	**30,525**	**31,275**
Structure fires of incendiary or suspicious origin	1,760	1,658	1,604	1,421	Residential property	21,000	20,625	21,100	21,450
Fires of incendiary origin	1,158	1,142	1,088	946	One- and two-family dwellings	16,100	15,125	15,750	16,450
Fires of suspicious origin	602	516	516	475	Apartments	3,600	4,250	4,700	4,300
					Vehicles	4,075	3,400	3,425	3,800

[1] Direct property loss only. [2] Includes other not shown separately.

Source: National Fire Protection Association, Quincy, MA, Survey of Fire Departments for U.S. Fire Experience (1979-83).



Section 7

Geography and Environment

This section presents a variety of information on the physical environment of the United States, starting with basic area measurement data and ending with climate data for selected weather stations around the country. The subjects covered between those points are mostly concerned with environmental trends, but include such related subjects as land use and ownership, water consumption, hazardous waste sites, threatened and endangered wildlife, and expenditures for pollution abatement and control.

The information in this section is selected from a wide range of Federal agencies that compile the data for various administrative or regulatory purposes, such as the Environmental Protection Agency, Geological Survey, National Oceanic and Atmospheric Administration, and General Services Administration. Other agencies include the Bureau of the Census, which presents nationwide area measurement information; the Council on Environmental Quality (CEQ), which presents data on environmental conditions and pollutants in its annual report; and the Bureau of Economic Analysis, which compiles data on pollution abatement and control expenditures.

Area.—Area measurements were first conducted for the United States as a whole, and gradually were extended to the individual States. The annual report of the U.S. General Land Office for 1850 contained the first reference to measurements of areas of the States and Territories. In 1881, as part of the 1880 Census of Population, the Bureau of the Census laid the foundation for accurate and detailed area measurement in the United States. For the first time, an account was given of the methods and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. As part of the 1940 census, the Bureau published *Areas of the United States: 1940,* in which data were presented on the total land and inland water areas of the States, counties, places, and minor civil divisions. Since the 1940 census, the Bureau has published area measurement figures in each succeeding census. In 1964, the Bureau undertook a new measurement of the areas of places with at least 1,000 inhabitants, minor civil divisions, and census county divisions of the 1960 census. The results are published in *Area Measurement Reports,* series GE-20, a series of State reports and a U.S. summary. For 1980, the areas of all States and counties were completely remeasured, using newer large-scale maps and more modern equipment. The land area results for these areas are published in *1980 Census of Population,* vol. 1, chapter A reports (series PC80-1-A). Data for places and selected minor civil divisions with a population of 2,500 and over, metropolitan areas, and urbanized areas as well as States and counties are contained in a U.S. summary report. Data for States, counties, and the selected places and MCDs also are available on the tape in Master Area Reference File (MARF) 2.

Geography.—The Geological Survey conducts investigations, surveys, and research in the fields of geography, geology, topography, land use/land cover, mineralogy, hydrology, and geothermal energy resources as well as natural hazards. In cooperation with State and local agencies, the Geological Survey prepares and publishes topographic, land use/land cover, geologic, and hydrologic maps and data compilations. The Geological Survey provides United States cartographic data through the National Cartographic Information Center, water resources data through a multi-volume *Catalog of Information on Water Data,* and a variety of research and Open-File reports which are announced monthly in *New Publications of the Geological Survey.*

The National Ocean Service, a division of NOAA, is responsible for coastal and geodetic surveys and measurement of certain physical phenomena. Currently, its primary functions are to provide charts for marine and air navigation, to maintain a basic network of geodetic control, and to compile other basic data for engineering, scientific, commercial, industrial, and defense needs.

An inventory of the nation's land resources by type of use/cover was conducted by the Soil Conservation Service in 1982. The results, published in the *1982 National Inventory of Land Resources* cover all non-Federal land in Puerto Rico, the Virgin Islands, and the U.S. except Alaska.

Maps prepared by the Bureau of the Census show boundaries of various types of political and statistical areas, such as places, county subdivisions, census tracts, and urbanized areas and are available in the GE-50 and GE-70 series.

Environment.—The CEQ is responsible for overseeing the environmental assessment process, recommending national environmental policies, analyzing changes and trends in the environment, and for reviewing Federal programs affecting the environment. It reports on environmental conditions, trends, programs and activities in its annual publication, *Environmental Quality.* The CEQ has also published unique compilations of environmental data in *Environmental Statistics, 1979,* and *Environmental Trends.* The principal Federal agency responsible for pollution abatement and control activities is the Environmental Protection Agency (EPA). It is responsible for establishing and monitoring national air quality standards, water quality activities, solid and hazardous waste disposal, and control of toxic substances.

Air sampling, conducted by the Public Health Service, began in 17 communities in 1953; in 1957 the National Air Surveillance Network was established and, by the late 1960's, covered approximately 260 urban and 30 rural stations. The operation of the stations was decentralized in 1972 to the 10 regional EPA offices and many of the stations were in turn assimilated into State and locally operated air monitoring networks. The Network determines the extent and nature of air pollution and studies trends in levels of atmospheric contaminants.

National Ambient Air Quality Standards for suspended particulate matter, sulfur dioxide, oxidants, carbon monoxide, and nitrogen dioxide were set by EPA in April 1971. Responsibility for demonstrating compliance with or progress toward achieving these standards lies with the State agencies. There are approximately 3,500 non-Federal sampling stations for suspended particulates, almost 1,000 for sulfur oxides, 720 for carbon monoxide, 1,000 for photochemical oxidants, and 400 for nitrogen oxides. Data from these State networks are periodically submitted to EPA's Storage and Retrieval Aerometric Data (SAROAD) system for summarization in quarterly reports on the nationwide status of, and trends in, air quality; for details, see *National Air Pollutant Emission Estimates, 1970–81.*

Pollution abatement and control expenditures.—Data on expenditures for pollution abatement and control are compiled and published by the U.S. Bureau of Economic Analysis (BEA), the U.S. Bureau of the Census, and the CEQ as part of ongoing programs. BEA conducts surveys on national expenditures for pollution abatement and control and presents the data in its *Survey of Current Business.* The U.S. Bureau of the Census collects data on State and local government and industry expenditures on control activities. Data on government expenditures were reported in the annual *Environmental Quality Control: Government Finances,* which was discontinued after the report for fiscal year 1980. Industry data are reported annually in *Current Industrial Reports.* CEQ publishes data in *Environmental Quality.*

Climate.—NOAA, through the National Weather Service and the National Environmental Satellite, Data and Information Service, is responsible for data on climate. NOAA maintains about 11,600 weather stations, of which over 3,000 produce autographic precipitation records, about 600 take hourly readings of a series of weather elements, and the remainder record data once a day. These data are reported monthly in the *Climatological Data* (published by State), and monthly and annually in the *Local Climatological Data* (published by location for major cities).

The climatological temperature, precipitation, and degree day normals listed in this publication are derived for comparative purposes and are averages for the 30-year period, 1951–80. For stations that did not have continuous records for the entire 30 years from the same instrument site, the normals have been adjusted to provide representative values for the current location. The information in all other tables is based on data from the beginning of the record at that location through 1982, except as noted.

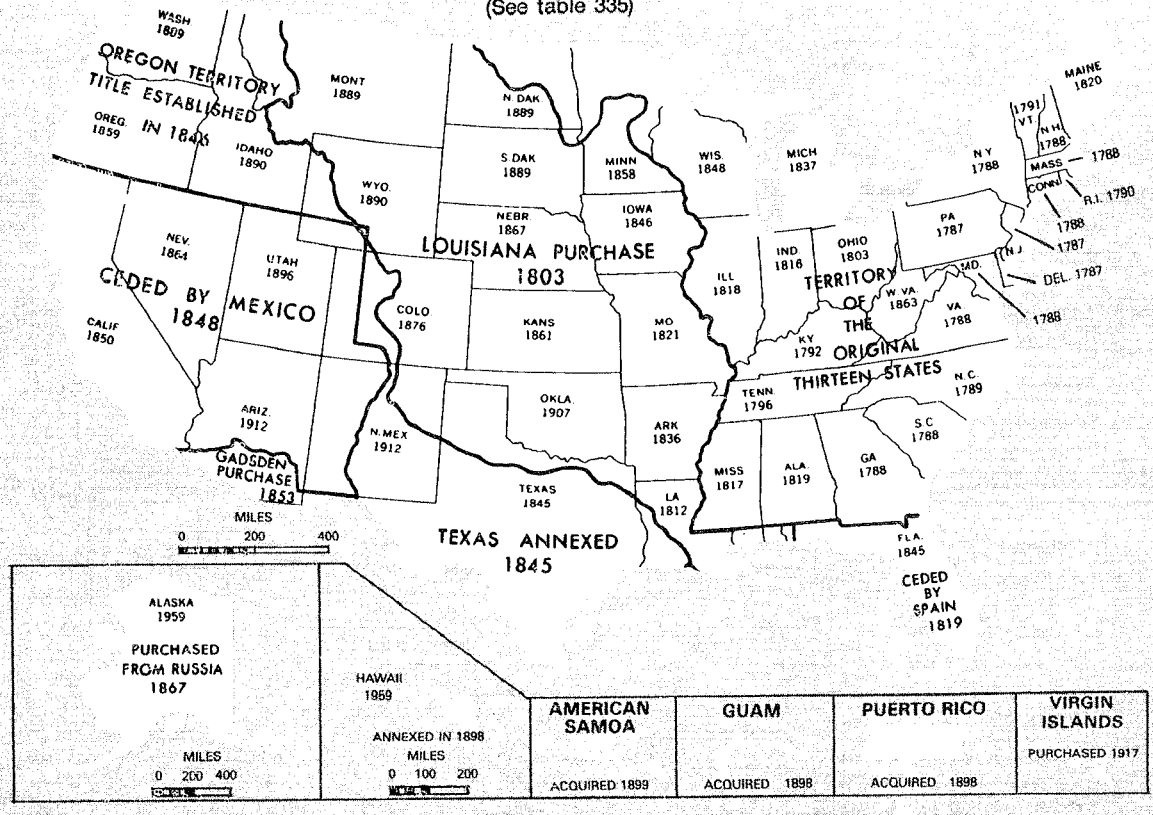
The degree day normals are used to determine relative estimates of heating and cooling requirements for buildings. Each degree that the average temperature for a day is below 65° F produces one heating degree day. For example, if the maximum temperature is 70° F and the minimum temperature is 52° F, the average temperature for the day is 61°, resulting in four (4) heating degree days. Cooling degree days are calculated in a similar fashion for each degree that the average temperature is above 65° F. The monthly degree day normals represent the average accumulation of the daily values for the month.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

Figure 7.1 Territorial Expansion of the United States and Acquisitions of Other Principal Areas

(See table 335)



No. 334. Area of States and Other Areas: 1980

[One sq. mile=2.59 sq. kilometers. See *Historical Statistics, Colonial Times to 1970,* series A 210-263, for land area]

Division and State or Other Area	Year admitted to statehood	Total Area			Land Area [1]		Water Area [2]	
		Rank	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.
United States	(X)	(X)	**3,618,770**	**9,372,615**	**3,539,289**	**9,166,759**	**79,481**	**205,856**
New England	(X)	(X)	**66,672**	**172,681**	**63,012**	**163,201**	**3,660**	**9,480**
Maine	1820	39	33,265	86,156	30,995	80,277	2,270	5,879
New Hampshire	[3] 1788	44	9,279	24,032	8,993	23,292	286	739
Vermont	1791	43	9,614	24,900	9,273	24,017	341	883
Massachusetts	[3] 1788	45	8,284	21,456	7,824	20,265	460	1,191
Rhode Island	[3] 1790	50	1,212	3,140	1,055	2,732	158	408
Connecticut	[3] 1788	48	5,018	12,997	4,872	12,618	147	380
Middle Atlantic	(X)	(X)	**102,203**	**264,707**	**99,733**	**258,308**	**2,470**	**6,398**
New York	[3] 1788	30	49,108	127,190	47,377	122,707	1,731	4,483
New Jersey	[3] 1787	46	7,787	20,169	7,468	19,342	319	827
Pennsylvania	[3] 1787	33	45,308	117,348	44,888	116,260	420	1,088
East North Central	(X)	(X)	**248,540**	**643,719**	**243,961**	**631,859**	**4,579**	**11,860**
Ohio	1803	35	41,330	107,044	41,004	106,201	325	843
Indiana	1816	38	36,185	93,720	35,932	93,064	253	656
Illinois	1818	24	56,345	145,934	55,645	144,120	700	1,814
Michigan	1837	23	58,527	151,586	56,954	147,511	1,573	4,075
Wisconsin	1848	26	56,153	145,436	54,426	140,964	1,727	4,472
West North Central	(X)	(X)	**517,825**	**1,341,166**	**508,132**	**1,316,063**	**9,693**	**25,104**
Minnesota	1858	12	84,402	218,601	79,548	206,030	4,854	12,571
Iowa	1846	25	56,275	145,753	55,965	144,950	310	803
Missouri	1821	19	69,697	180,516	68,945	178,568	752	1,948
North Dakota	1889	17	70,702	183,119	69,300	179,486	1,403	3,633
South Dakota	1889	16	77,116	199,730	75,952	196,715	1,164	3,014
Nebraska	1867	15	77,355	200,350	76,644	198,508	711	1,842
Kansas	1861	14	82,277	213,098	81,778	211,805	499	1,293
South Atlantic	(X)	(X)	**278,926**	**722,420**	**266,910**	**691,296**	**12,017**	**31,123**
Delaware	[3] 1787	49	2,045	5,295	1,932	5,005	112	290
Maryland	[3] 1788	42	10,460	27,092	9,837	25,477	623	1,615
District of Columbia	(X)	(X)	69	178	63	162	6	16
Virginia	[3] 1788	36	40,767	105,586	39,704	102,832	1,063	2,754
West Virginia	1863	41	24,232	62,760	24,119	62,468	112	291
North Carolina	[3] 1789	28	52,669	136,413	48,843	126,504	3,826	9,909
South Carolina	[3] 1783	40	31,113	80,582	30,203	78,227	909	2,355
Georgia	[3] 1788	21	58,910	152,576	58,056	150,365	854	2,211
Florida	1845	22	58,664	151,939	54,153	140,256	4,511	11,683
East South Central	(X)	(X)	**181,947**	**471,243**	**178,824**	**463,154**	**3,123**	**8,090**
Kentucky	1792	37	40,410	104,660	39,669	102,743	740	1,917
Tennessee	1796	34	42,144	109,152	41,155	106,591	989	2,561
Alabama	1819	29	51,705	133,915	50,767	131,487	938	2,428
Mississippi	1817	32	47,689	123,515	47,233	122,333	457	1,183
West South Central	(X)	(X)	**437,701**	**1,133,646**	**427,271**	**1,106,633**	**10,430**	**27,013**
Arkansas	1836	27	53,187	137,754	52,078	134,883	1,109	2,872
Louisiana	1812	31	47,752	123,677	44,521	115,310	3,230	8,366
Oklahoma	1907	18	69,956	181,186	68,655	177,817	1,301	3,369
Texas	1845	2	266,807	691,030	262,017	678,623	4,790	12,407
Mountain	(X)	(X)	**853,563**	**2,236,628**	**855,193**	**2,214,951**	**8,369**	**21,677**
Montana	1889	4	147,046	380,848	145,388	376,555	1,658	4,293
Idaho	1890	13	83,564	216,432	82,412	213,447	1,153	2,985
Wyoming	1890	9	97,809	253,326	96,989	251,202	820	2,125
Colorado	1876	8	104,091	269,596	103,595	268,311	496	1,285
New Mexico	1912	5	121,593	314,925	121,335	314,258	258	667
Arizona	1912	6	114,000	295,260	113,508	293,986	492	1,274
Utah	1896	11	84,899	219,889	82,073	212,569	2,826	7,320
Nevada	1864	7	110,561	286,352	109,894	284,624	667	1,728
Pacific	(X)	(X)	**921,392**	**2,386,405**	**896,253**	**2,321,295**	**25,140**	**65,112**
Washington	1889	20	68,139	176,479	66,511	172,264	1,627	4,215
Oregon	1859	10	97,073	251,419	96,184	249,117	889	2,302
California	1850	3	158,706	411,049	156,299	404,814	2,407	6,235
Alaska	1959	1	591,004	1,530,700	570,833	1,478,458	20,171	52,243
Hawaii	1959	47	6,471	16,759	6,425	16,641	46	118
Other areas:								
Puerto Rico	(X)	(X)	3,515	9,104	3,459	8,959	56	145
American Samoa	(X)	(X)	77	199	77	199	–	–
Guam	(X)	(X)	209	541	209	541	–	–
Virgin Islands of the U.S	(X)	(X)	132	342	132	342	1	3
Pacific Islands, Trust Territory of the [4]	(X)	(X)	533	1,381	533	1,381	–	–
No. Mariana Islands [4]	(X)	(X)	184	477	184	477	–	–

– Represents zero. X Not applicable. [1] Dry land and land temporarily or partially covered by water, such as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres in area. [2] Permanent inland water surface, such as lakes, reservoirs, and ponds having an area of 40 acres or more; streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water, and islands under 40 acres in area. Excludes areas of oceans, bays, sounds, etc., lying within U.S. jurisdiction but not defined as inland water. [3] Year of ratification of Constitution; one of the original 13 States. [4] Under trusteeship; see table 3, footnote 5.

Source: U.S. Bureau of the Census, *1980 Census of Population,* vol. I, part A (PC80-1-A), and unpublished data.

No. 335. Territorial Expansion of the United States and Acquisitions of Other Areas

[One square mile = 2.59 square kilometers. Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession, which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1980. See fig. 7.1 for a map of the acquisitions. See also *Historical Statistics, Colonial Times to 1970,* series J 1-2]

ACCESSION	Acquisition date	GROSS AREA (land and water)		ACCESSION	Acquisition date	GROSS AREA (land and water)	
		Sq. mi.	Sq. km.			Sq. mi.	Sq. km.
Total	(X)	**3,623,434**	**9,384,694**	Other areas:			
				Puerto Rico	[2] 1898	3,515	9,104
United States	(X)	3,618,770	9,372,614	Guam	[3] 1898	209	541
Territory in 1790 [1]	(X)	891,364	2,308,633	American Samoa	[4] 1899	77	199
Louisiana Purchase	1803	831,321	2,153,121	Virgin Islands of the U.S	1917	132	342
Purchase of Florida	1819	69,866	180,953				
Texas	1845	384,958	997,041	Trust Territory of the Pacific Islands [5]	1947	533	1,380
Oregon	1846	283,439	734,107				
Mexican Cession	1848	530,706	1,374,529	No. Mariana Islands [5]	1947	184	477
Gadsden Purchase	1853	29,640	76,768	All other [6]	(X)	14	36
Alaska	1867	591,004	1,530,700				
Hawaii	1898	6,471	16,760				

X Not applicable. [1] Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase. [2] Ceded by Spain in 1898, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. [3] Acquired 1898; ratified 1899. [4] Acquired 1899; ratified 1900. [5] Land area only. Under trusteeship; see table 3, footnote 5. [6] Comprises the following islands with gross areas as indicated, in sq. mi.: Midway (2), Wake (3), Palmyra (4), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston Atoll (combined area, less than .5), and Kingman Reef (less than .5). Excludes Canton and Enderbury Islands (combined area 27 sq. mi. or 73 sq. km.), which are considered to be under the jurisdiction of Kiribati since 1979, and Swan Islands (1 sq. mi.), which were returned to Honduras in 1972.

Source: U.S. Bureau of the Census, unpublished data.

No. 336. Land Utilization, by Type: 1959 to 1982

[See *Historical Statistics, Colonial Times to 1970,* series J 50-66, J 71, and J 76, for similar data]

TYPE	LAND (mil. acres)					PERCENT				
	1959	1969	1974	1978	1982	1959	1969	1974	1978	1982
Total land area [1]	**2,271**	**2,264**	**2,264**	**2,264**	**2,265**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
LAND USE										
Cropland used for crops [2]	359	333	361	369	383	15.8	14.7	16.0	16.3	16.9
Idle cropland	33	51	21	26	21	1.5	2.3	.9	1.1	.9
Cropland used only for pasture	66	88	83	76	65	2.9	3.9	3.7	3.4	2.9
Grassland pasture [3]	633	604	598	587	597	27.9	26.7	26.4	25.9	26.4
Forest land [4]	728	723	718	703	655	32.1	31.9	31.7	31.1	28.9
Special uses	146	172	182	158	[5] 270	6.4	7.6	8.0	7.0	[5] 11.9
Urban areas [6]	24	31	35	(7)	(7)	1.1	1.4	1.5	(7)	(7)
Transportation areas [8]	25	26	26	27	27	1.1	1.2	1.2	1.2	1.2
Recreation areas [9]	44	49	52	57	[5] 116	1.9	2.2	2.3	2.5	[5] 5.1
Wildlife areas [10]	17	32	36	41	[5] 95	.8	1.4	1.6	1.8	[5] 4.2
National defense and industrial [11]	26	26	25	25	24	1.1	1.1	1.1	1.1	1.1
Farmsteads, farm roads, and lanes	10	8	8	8	8	.4	.4	.4	.4	.4
Other land [12]	306	293	301	[7] 345	[5 7] 274	13.5	12.9	13.2	[7] 15.2	[5 7] 12.1
LAND OWNERSHIP										
Private land [13]	1,332	1,317	1,316	1,315	1,329	58.7	58.2	58.1	58.1	58.7
Indian lands [14]	53	50	51	52	51	2.3	2.2	2.3	2.3	2.2
Public land, total	886	897	897	897	885	39.0	39.6	39.6	39.6	39.1
Federal	765	763	761	742	730	33.7	33.7	33.6	32.8	32.2
State and local	121	134	136	155	155	5.3	5.9	6.0	6.8	6.8

[1] Changes in total land area are due to variable methods and materials used in periodic remeasurements, and to the construction of artificial reservoirs. [2] Cropland harvested, crop failure, and cultivated summer fallow. [3] Grassland and other nonforest pasture and range. [4] Excludes reserved forest land in parks and other special uses of land. Includes forest grazing land. [5] Changes in use between 1978 and 1982 are primarily attributed to reclassification and change of Alaskan lands to park, wilderness, and wildlife areas. [6] Estimated area in urbanized areas and places of 2,500 or more population outside urbanized areas. [7] Data for urban areas included in other land. [8] Represents rural highway, road, and railroad rights-of-way, and airports. [9] Area in National and State parks and related recreation areas, including area in national wilderness and primitive areas. [10] Acreage administered by Federal and State agencies primarily for wildlife protection and propagation. [11] Areas administered by the Dept. of Defense for military purposes and by the Energy Research and Development Administration. [12] Miscellaneous areas such as marshes, open swamps, bare rock area, deserts, and tundra, and various other uses not inventoried. [13] Land owned by individuals, partnerships, and corporations. [14] Managed in trust by Bureau of Indian Affairs.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Major Uses of Land in the United States: 1982,* AER (forthcoming) and earlier reports in the series.

NO. 337. AREA AND ACQUISITION OF THE FEDERAL PUBLIC DOMAIN: 1781 TO 1984

[**In millions of acres.** Areas of acquisitions are as computed in 1912, and do not agree with figures in square miles shown in table 335 which include later adjustments and reflect subsequent remeasurement. Excludes outlying areas of the United States amounting to 645,949 acres in 1978. See also *Historical Statistics, Colonial Times to 1970*, series J 3-6]

YEAR	Land area, total [1]	YEAR	LAND AREA [1]			YEAR AND ACQUISITION	ACREAGE		
			Total	Public domain	Acquired		Total	Land	Inland water
1802	200.0	1973	761.0	704.8	56.2	**Aggregate**	**1,837.8**	**1,804.7**	**33.1**
1850	1,200.0	1974	760.5	703.8	56.7				
1880	900.0	1975	760.4	702.9	57.5	1781–1802 (State Cessions)	236.8	233.4	3.4
1912	600.0	1976	762.2	702.8	59.4	1803, Louisiana Purchase [2]	529.9	523.4	6.5
1946	413.0	1977	741.5	683.3	58.2	1819, Cession from Spain	46.1	43.3	2.8
1950	412.0	1978	775.2	712.0	63.3	Red River Basin [3]	29.6	29.1	.5
1955	407.9	1979	744.1	684.3	59.8	1846, Oregon Compromise	183.4	180.6	2.7
1959	768.6	1980	719.5	648.0	71.5	1848, Mexican Cession [2]	338.7	334.5	4.2
1960	771.5	1981	730.8	668.7	62.2	1850, Purchase from Texas	78.9	78.8	.1
1965	765.8	1982	729.8	670.0	59.8	1853, Gadsden Purchase	19.0	19.0	(Z)
1970	761.3	1983	732.0	672.4	59.6	1867, Alaska Purchase	375.3	362.5	12.8
1971	760.2	1984	726.6	658.9	67.7				
1972	760.7								

Z Less than 50,000. [1] Owned by Federal Government. Comprises original public domain plus acquired lands. Estimated from imperfect data available for indicated years. Prior to 1959, excludes Alaska, and 1960, Hawaii. Source: Beginning 1955, U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual. [2] Data for Louisiana Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession. [3] Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and date of its acquisition. Some hold it as part of Louisiana Purchase; others, as acquired from Great Britain.

Source: Except as noted, U.S. Dept. of the Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, *Areas of Acquisitions to the Territory of the U.S.*, 1922.

NO. 338. TOTAL AND FEDERALLY OWNED LAND, 1960 TO 1984, AND BY STATE, 1984

[As of **June 30** except, beginning **1976**, as of **Sept. 30**. Total land area figures are not comparable with those in table 334]

YEAR, REGION, DIVISION, AND STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT [1]	
			Acres (1,000)	Percent
1960	2,273,407	1,501,894	771,512	33.9
1965	2,271,343	1,505,546	765,797	33.5
1970	2,271,343	1,510,042	761,301	33.5
1973	2,271,343	1,510,344	760,999	33.5
1974	2,271,343	1,510,811	760,532	33.5
1975	2,271,343	1,510,929	760,414	33.5
1976	2,271,343	1,509,151	762,192	33.5
1977	2,271,343	1,529,834	741,509	32.6
1978	2,271,343	1,496,094	775,249	34.1
1979	2,271,343	1,533,545	744,146	32.8
1980	2,271,343	1,551,822	719,522	31.7
1981	2,271,343	1,540,528	730,815	32.2
1982	2,271,343	1,541,522	729,821	32.1
1983	2,271,343	1,539,301	732,042	32.2
1984, total	**2,271,343**	**1,544,785**	**726,559**	**32.0**
Region:				
Northeast	104,699	101,042	3,657	3.5
Midwest	482,869	463,160	19,710	4.3
South	561,238	531,142	30,096	5.4
West	1,122,536	449,436	673,099	60.0
N. Eng.	**40,401**	**39,137**	**1,263**	**3.1**
ME	19,848	19,745	102	.5
NH	5,769	5,029	740	12.8
VT	5,937	5,621	316	5.3
MA	5,035	4,949	86	1.7
RI	677	670	7	1.0
CT	3,135	3,123	12	.4
Mid. Atl.	**64,298**	**61,905**	**2,394**	**3.7**
NY	30,681	29,116	1,565	5.1
NJ	4,813	4,684	129	2.7
PA	28,804	28,105	700	2.4
E. No. Cent.	**156,678**	**149,775**	**6,903**	**4.4**
OH	26,222	25,853	369	1.4
IN	23,158	22,656	502	2.2
IL	35,795	35,181	614	1.7
MI	36,492	32,980	3,512	9.6
WI	35,011	33,105	1,906	5.4
W. No. Cent.	**326,191**	**313,385**	**12,807**	**3.9**
MN	51,206	47,751	3,455	6.7
IA	35,860	35,632	229	.6

DIVISION AND STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT [1]	
			Acres (1,000)	Percent
W. No. Cent.—Con.				
MO	44,248	42,069	2,179	4.9
ND	44,452	42,084	2,368	5.3
SD	48,882	45,644	3,238	6.6
NE	49,032	48,319	713	1.5
KS	52,511	51,886	625	1.2
So. Atl.	**171,324**	**157,074**	**14,250**	**8.3**
DE	1,266	1,240	26	2.0
MD	6,319	6,120	199	3.2
DC	39	28	11	27.1
VA	25,496	23,024	2,471	9.7
WV	15,411	14,199	1,212	7.9
NC	31,403	29,119	2,284	7.3
SC	19,374	18,174	1,200	6.2
GA	37,295	34,999	2,297	6.2
FL	34,721	30,171	4,550	13.1
E. So. Cent.	**115,141**	**109,015**	**6,126**	**5.3**
KY	25,512	24,188	1,324	5.2
TN	26,728	24,831	1,897	7.1
AL	32,678	31,539	1,139	3.5
MS	30,223	28,457	1,766	5.8
W. So. Cent.	**274,773**	**265,053**	**9,720**	**3.5**
AR	33,599	30,208	3,392	10.1
LA	26,868	27,712	1,156	4.0
OK	44,088	42,482	1,606	3.6
TX	168,218	164,651	3,566	2.1
Mt.	**548,448**	**280,870**	**267,578**	**48.8**
MT	93,271	66,137	27,134	29.1
ID	52,933	19,195	33,738	63.7
WY	62,343	31,400	30,943	49.6
CO	66,486	42,293	24,193	36.4
NM	77,766	51,872	25,894	33.3
AZ	72,688	40,533	32,155	44.2
UT	52,697	19,096	33,601	63.8
NV	70,264	10,344	59,920	85.3
Pac.	**574,088**	**168,566**	**405,521**	**70.6**
WA	42,694	30,288	12,406	29.1
OR	61,599	30,974	30,625	49.7
CA	100,207	52,314	47,892	47.8
AK	365,482	51,700	313,782	85.9
HI	4,106	3,290	816	19.9

[1] Excludes trust properties.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

NO. 339. LAND COVER/USE, BY STATE: 1982

[**In thousands of acres.** Excludes Alaska and District of Columbia]

STATE	Total surface area [1]	Federal surface area	NONFEDERAL							
			Total	Urban and builtup land	Rural transportation	Rural land				
						Total [2]	Cropland	Pasture land	Rangeland	Forest land
United States	**1,937,726**	**404,063**	**1,495,436**	**46,416**	**26,914**	**1,412,011**	**420,994**	**132,356**	**405,914**	**393,197**
Alabama	33,091	904	31,553	906	639	29,697	4,510	3,817	-	20,633
Arizona	72,960	32,056	40,603	711	291	39,582	1,206	79	30,948	4,760
Arkansas	34,040	3,114	30,221	636	540	28,770	8,102	5,794	162	14,340
California	101,572	45,552	54,471	3,265	1,037	49,833	10,518	1,393	18,125	15,218
Colorado	66,618	23,611	42,696	672	609	41,271	10,603	1,260	24,223	4,030
Connecticut	3,212	9	3,109	603	55	2,401	245	114	-	1,828
Delaware	1,309	33	1,204	128	26	1,039	519	35	-	348
Florida	37,545	3,129	31,528	2,770	601	27,730	3,557	4,273	3,804	12,430
Georgia	37,702	2,068	35,078	1,632	504	32,536	6,568	2,977	-	21,884
Hawaii	4,141	342	3,771	126	23	3,610	333	974	-	1,474
Idaho	53,481	33,445	19,449	189	255	18,934	6,390	1,274	6,733	3,977
Illinois	36,061	493	35,137	1,846	870	32,076	24,727	3,157	-	3,429
Indiana	23,159	489	22,514	1,192	517	20,597	13,781	2,212	-	3,640
Iowa	36,016	172	35,644	623	1,061	33,709	26,441	4,536	-	1,756
Kansas	52,658	585	51,785	721	1,104	49,655	29,118	2,241	16,909	626
Kentucky	25,862	1,125	24,278	636	570	22,866	5,934	5,880	-	10,158
Louisiana	30,561	1,104	27,103	823	546	25,256	6,409	2,369	241	12,895
Maine	21,290	135	19,702	212	270	19,066	953	569	-	16,770
Maryland	6,695	158	6,114	763	114	5,173	1,794	534	-	2,425
Massachusetts	5,302	89	4,923	883	128	3,839	297	202	-	2,970
Michigan	37,457	3,087	33,368	1,966	873	30,265	9,443	2,911	-	15,360
Minnesota	54,017	3,373	47,457	904	1,154	45,036	23,024	3,590	199	13,956
Mississippi	30,521	1,618	28,558	582	539	27,063	7,415	3,975	-	15,243
Missouri	44,606	2,094	41,983	1,117	977	39,543	14,998	12,573	168	10,986
Montana	94,109	27,107	65,947	197	784	64,665	17,197	3,036	37,837	5,228
Nebraska	49,507	639	48,449	415	826	46,990	20,277	2,125	23,096	732
Nevada	70,759	60,189	10,159	199	152	9,788	860	304	7,908	357
New Hampshire	5,938	727	5,033	236	109	4,629	158	125	-	4,085
New Jersey	4,984	145	4,635	1,163	69	3,342	809	240	-	1,848
New Mexico	77,819	26,420	51,247	267	382	50,535	2,413	163	40,982	4,734
New York	31,429	237	30,084	1,811	594	27,386	5,912	3,872	-	16,517
North Carolina	33,708	2,116	29,111	1,622	727	26,481	6,695	1,980	-	16,729
North Dakota	45,250	1,879	42,434	198	1,036	41,021	27,039	1,272	10,948	438
Ohio	26,451	346	25,892	2,187	645	22,859	12,447	2,714	-	6,380
Oklahoma	44,772	1,192	42,783	851	789	40,795	11,568	7,138	15,060	6,539
Oregon	62,127	32,122	29,332	526	365	28,291	4,356	1,966	9,392	11,889
Pennsylvania	28,997	668	28,060	2,073	613	25,144	5,896	2,593	-	15,300
Rhode Island	776	4	672	140	14	508	27	36	-	406
South Carolina	19,912	1,150	18,173	839	475	16,681	3,579	1,208	-	11,026
South Dakota	49,354	2,824	45,762	231	833	44,506	16,947	2,703	22,784	562
Tennessee	26,972	1,343	24,980	1,000	588	23,189	51,592	5,356	-	11,529
Texas	17,075	2,998	164,765	4,388	2,234	157,431	33,320	17,043	95,353	9,324
Utah	54,336	35,819	16,703	274	152	16,247	2,039	490	8,489	3,235
Vermont	6,153	315	5,619	97	101	5,377	648	501	-	4,087
Virginia	26,091	2,347	23,063	1,219	329	21,292	3,397	3,392	-	13,625
Washington	43,609	12,474	30,092	990	492	28,462	7,793	1,345	5,637	12,690
West Virginia	15,508	1,104	14,330	312	205	13,722	1,093	1,869	-	10,423
Wisconsin	35,938	1,800	33,064	1,125	770	30,890	11,457	3,394	-	13,393
Wyoming	62,598	29,315	32,803	148	330	32,240	2,587	755	26,915	987

- Represents zero. [1] Total surface area column includes 107.9 million acres of water areas and minor land cover/uses not shown separately. [2] Rural land total includes 59.55 million acres of minor land cover/uses not shown separately.

Source: U.S. Dept. of Agriculture, Soil Conservation Service, *1982 National Resources Inventory*, 1985.

No. 340. Lands Under Jurisdiction of Bureau of Indian Affairs—Acreage, by State: 1940 to 1983

[**In thousands of acres.** Excludes States with less than 500 acres in years specified. Beginning 1960, taxable lands generally included. Beginning 1975, includes tribal fee lands. See also *Historical Statistics, Colonial Times to 1970*, series J 16–19]

STATE	1940	1960	1970	1975	1980	1981	1982	1983			
								Total	Indian		Government owned
									Trust allotted [1]	Tribal [2]	
Total	**55,406**	**[3] 58,076**	**55,408**	**52,316**	**52,993**	**52,473**	**52,510**	**53,054**	**10,226**	**42,385**	**443**
Alaska	(NA)	4,168	4,170	117	428	448	573	792	705	87	(Z)
Arizona	19,225	21,515	19,714	20,034	20,036	19,898	19,897	19,899	252	19,557	90
California	667	558	536	546	573	569	69	570	69	501	(Z)
Colorado	667	752	755	782	783	756	757	787	3	784	(Z)
Florida	61	79	79	79	79	79	79	80	1	79	(Z)
Idaho	818	835	828	827	827	827	825	825	330	462	33
Iowa	3	4	4	4	4	4	4	4	–	4	(Z)
Kansas	36	29	27	26	29	29	30	30	23	7	(Z)
Maine	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	222	–	222	–
Michigan	27	22	21	21	21	21	21	21	9	12	–
Minnesota	653	756	763	764	764	764	764	765	51	714	(Z)
Mississippi	9	16	18	17	18	18	18	18	–	18	(Z)
Montana	6,455	5,457	5,274	5,282	5,249	5,240	5,097	5,226	2,967	2,256	3
Nebraska	76	68	62	61	65	65	65	65	42	23	(Z)
Nevada	1,127	1,152	1,148	1,153	1,154	1,225	1,225	1,225	78	1,142	5
New Mexico	7,153	6,542	7,209	7,537	7,864	7,459	7,466	7,469	675	6,499	295
North Carolina	57	56	57	56	57	57	57	57	1	56	(Z)
North Dakota	1,036	879	850	850	853	853	853	843	632	210	1
Oklahoma	2,844	1,855	1,424	1,306	1,230	1,222	1,216	1,206	1,110	88	8
Oregon	1,737	1,238	687	761	762	760	759	760	138	622	(Z)
South Dakota	5,865	5,064	4,975	5,020	5,093	5,096	5,099	5,094	2,456	2,636	2
Utah	1,693	2,125	2,271	2,276	2,286	2,286	2,331	2,283	33	2,250	(Z)
Washington	2,740	2,591	2,460	2,504	2,520	2,499	2,503	2,508	478	2,027	3
Wisconsin	445	422	188	407	410	410	411	415	81	334	(Z)
Wyoming	2,013	1,890	1,887	1,886	1,888	1,888	1,889	1,888	93	1,793	2

– Represents zero. NA Not available. Z Less than 500 acres. [1] Private landholdings of individual Indians.
[2] Lands held by Indian tribes. [3] Includes 3,000 acres in South Carolina, not shown separately.

Source: U.S. Bureau of Indian Affairs, *Annual Report of Indian Land*, and unpublished data.

No. 341. Lengths of Principal North American Rivers

[Comprises rivers 600 miles or more in length. Length represents distance to designated outflow from (*a*) original headwater of named river where name applies to entire length of channel, or (*b*) upper limit of channel so named, usually the junction of 2 tributaries or headwater streams. One mile = 1.609 kilometers]

RIVER/OUTFLOW	LENGTH		RIVER/OUTFLOW	LENGTH	
	Miles	Kilometers		Miles	Kilometers
Alabama/Mobile River	735	1,183	Mississippi-Missouri-Red Rock/Mouth of SW Pass	3,710	5,969
Albany/James Bay	610	981	Missouri/Mississippi River	2,315	3,725
Arkansas/Mississippi River	1,459	2,348	Missouri-Red Rock/Mississippi River	2,533	4,076
Black/Chantrey Inlet	600	965	Mobile-Alabama-Coosa/Mobile Bay	780	1,255
Brazos/Gulf of Mexico	870	1,400	North Canadian/Canadian River	760	1,223
Canadian/Arkansas River	906	1,458	North Platte/Platte River	618	994
Churchill/Hudson Bay	1,000	1,609	Ohio/Mississippi River	981	1,578
Cimarron/Arkansas River	600	965	Ohio-Allegheny/Mississippi River	1,306	2,101
Colorado (U.S.-Mex.)/Gulf of California	1,450	2,333	Ottawa/St. Lawrence	790	1,271
Colorado (Texas)/Matagorda Bay	840	1,352	Ouachita/Red River	605	973
Columbia/Pacific Ocean	1,243	2,000	Peace/Slave River	1,195	1,923
Columbia, Upper/to mouth of Snake River	890	1,432	Pecos/Rio Grande	735	1,183
Cumberland/Ohio River	720	1,158	Red (OK-TX-LA)/Mississippi River	1,270	2,043
Fraser/Strait of Georgia	850	1,368	Rio Grande/Gulf of Mexico	1,885	3,033
Gila/Colorado River	630	1,014	St. Lawrence/Lake Ontario	800	1,287
Green (UT-WY)/Colorado River	730	1,175	Saskatchewan N./Lake Winnipeg	1,100	1,770
Hamilton/Atlantic Ocean	600	965	Saskatchewan S./Lake Winnipeg	1,205	1,939
James (ND-SD)/Missouri River	710	1,142	Severn (Ontario)/Hudson Bay	610	981
Kuskokwim/Kuskokwim Bay	680	1,094	Snake/Columbia River	1,038	1,670
Liard/Mackenzie River	693	1,115	Tanana/Yukon River	620	998
Mackenzie/Arctic Ocean	900	1,448	Tennessee/Ohio River	652	1,049
Milk/Missouri River	625	1,006	Tennessee-French Broad/Ohio River	900	1,448
Mississippi/Mouth of SW Pass	2,348	3,778	White (AR-MO)/Mississippi River	720	1,158
Mississippi, Upper/to mouth of Missouri River	1,171	1,884	Yellowstone/Missouri River	671	1,080
			Yukon/Bering Sea	1,979	3,185

Source: U.S. Geological Survey, unpublished data.

No. 342. Extreme and Mean Elevations—States and Other Areas

[One foot=.305 meter]

State or other area	Highest point			Lowest point			Approximate mean elevation	
	Name	Elevation		Name	Elevation			
		Feet	Meters		Feet	Meters	Feet	Meters
U.S	**Mt. McKinley (AK)**	**20,320**	**6,198**	**Death Valley (CA)**	**−282**	**−86**	**2,500**	**763**
AL	Cheaha Mountain	2,407	734	Gulf of Mexico	(1)	(1)	500	153
AK	Mount McKinley	20,320	6,198	Pacific Ocean	(1)	(1)	1,900	580
AZ	Humhreys Peak	12,633	3,853	Colorado River	70	21	4,100	1,251
AR	Magazine Mountain	2,753	840	Ouachita River	55	17	650	198
CA	Mount Whitney	14,494	4,421	Death Valley	−282	−86	2,900	885
CO	Mt. Elbert	14,433	4,402	Arkansas River	3,350	1,022	6,800	2,074
CT	Mt. Frissell, on South slope	2,380	726	Long Island Sound	(1)	(1)	500	153
DE	Ebright Road, New Castle County	442	135	Atlantic Ocean	(1)	(1)	60	18
DC	Tenleytown	410	125	Potomac River	1	(z)	150	46
FL	Sec. 30, T6N, R20W, Walton County[2]	345	105	Atlantic Ocean	(1)	(1)	100	31
GA	Brasstown Bald	4,784	1,459	Atlantic Ocean	(1)	(1)	600	183
HI	Mauna Kea	13,796	4,208	Pacific Ocean	(1)	(1)	3,030	924
ID	Borah Peak	12,662	3,862	Snake River	710	217	5,000	1,525
IL	Charles Mound	1,235	377	Mississippi River	279	85	600	183
IN	Franklin Twp., Wayne Co	1,257	383	Ohio River	320	98	700	214
IA	Sec. 29, T100N, R41W, Osceola County[2]	1,670	509	Mississippi River	480	146	1,100	336
KS	Mount Sunflower	4,039	1,232	Verdigris River	680	207	2,000	610
KY	Black Mountain	4,145	1,264	Mississippi River	257	78	750	229
LA	Driskill Mountain	535	163	New Orleans	−5	−2	100	31
ME	Mount Katahdin	5,268	1,607	Atlantic Ocean	(1)	(1)	600	183
MD	Backbone Mountain	3,360	1,025	Atlantic Ocean	(1)	(1)	350	107
MA	Mount Greylock	3,491	1,065	Atlantic Ocean	(1)	(1)	500	153
MI	Mount Arvon	1,979	604	Lake Erie	572	174	900	275
MN	Eagle Mountain, Cook Co	2,301	702	Lake Superior	602	184	1,200	366
MS	Woodall Mountain	806	246	Gulf of Mexico	(1)	(1)	300	92
MO	Taum Sauk Mountain	1,772	540	St. Francis River	230	70	800	244
MT	Granite Peak	12,799	3,904	Kootenai River	1,800	549	3,400	1,037
NE	Johnson Twp., Kimball Co	5,426	1,655	Southeast corner of State	840	256	2,600	793
NV	Boundary Peak	13,143	4,009	Colorado River	470	143	5,500	1,678
NH	Mount Washington	6,288	1,918	Atlantic Ocean	(1)	(1)	1,000	305
NJ	High Point	1,803	550	Atlantic Ocean	(1)	(1)	250	76
NM	Wheeler Peak	13,161	4,014	Red Bluff Reservoir	2,817	859	5,700	1,739
NY	Mount Marcy	5,344	1,630	Atlantic Ocean	(1)	(1)	1,000	305
NC	Mount Mitchell	6,684	2,039	Atlantic Ocean	(1)	(1)	700	214
ND	White Butte, Slope Co	3,506	1,069	Red River	750	229	1,900	580
OH	Campbell Hill	1,550	473	Ohio River	433	132	850	259
OK	Black Mesa	4,973	1,517	Little River	287	88	1,300	397
OR	Mount Hood	11,239	3,428	Pacific Ocean	(1)	(1)	3,300	1,007
PA	Mount Davis	3,213	980	Delaware River	(1)	(1)	1,100	336
RI	Jerimoth Hill	812	248	Atlantic Ocean	(1)	(1)	200	61
SC	Sassafras Mountain	3,560	1,086	Atlantic Ocean	(1)	(1)	350	107
SD	Harney Peak	7,242	2,209	Big Stone Lake	962	293	2,200	671
TN	Clingmans Dome	6,643	2,026	Mississippi River	182	56	900	275
TX	Guadalupe Peak	8,749	2,668	Gulf of Mexico	(1)	(1)	1,700	519
UT	Kings Peak	13,528	4,126	Beaverdam Creek	2,000	610	6,100	1,861
VT	Mount Mansfield	4,393	1,340	Lake Champlain	95	29	1,000	305
VA	Mount Rogers	5,729	1,747	Atlantic Ocean	(1)	(1)	950	290
WA	Mount Rainier	14,410	4,395	Pacific Ocean	(1)	(1)	1,700	519
WV	Spruce Knob	4,863	1,483	Potomac River	240	73	1,500	458
WI	Timms Hill	1,951	595	Lake Michigan	581	177	1,050	320
WY	Gannett Peak	13,804	4,210	Belle Fourche River	3,100	946	6,700	2,044
Other areas:								
PR	Cerro de Punta	4,389	1,339	Atlantic Ocean	(1)	(1)	1,800	549
Am. Samoa	Lata Mountain	3,160	964	Pacific Ocean	(1)	(1)	1,300	397
GU	Mount Lamlam	1,329	405	Pacific Ocean	(1)	(1)	330	101
VI	Crown Mountain	1,556	475	Atlantic Ocean	(1)	(1)	750	229

Z Less than .5 meter. [1] Sea level. [2] "Sec." denotes section; "T," township; "R," range; "N," north; "W," west.

Source: U.S. Geological Survey, *Elevations and Distances in the United States*, 1980.

No. 343. Coastline of the United States, by State

[One mile = 1.609 kilometers]

State	General coastline[1]		Tidal shoreline[2]		State	General coastline[1]		Tidal shoreline[2]	
	Statute miles	Kilometers	Statute miles	Kilometers		Statute miles	Kilometers	Statute miles	Kilometers
U.S	**12,383**	**19,924**	**88,633**	**142,610**	**Gulf coast**	**1,631**	**2,624**	**17,141**	**27,580**
					Alabama	53	85	607	977
Atlantic coast	**2,069**	**3,329**	**28,673**	**46,135**	Florida	770	1,239	5,095	8,198
Connecticut	–	–	618	994					
Delaware	28	45	381	613	Louisiana	397	639	7,721	12,423
Florida	580	933	3,331	5,360	Mississippi	44	71	359	578
Georgia	100	161	2,344	3,771	Texas	367	591	3,359	5,405
Maine	228	367	3,478	5,596					
Maryland	31	50	3,190	5,133	**Pacific coast**	**7,623**	**12,265**	**40,298**	**64,839**
Massachusetts	192	309	1,519	2,444	Alaska	5,580	8,978	31,383	50,495
					California	840	1,352	3,427	5,514
New Hampshire	13	21	131	211					
New Jersey	130	209	1,792	2,883	Hawaii	750	1,207	1,052	1,693
New York	127	204	1,850	2,977	Oregon	296	476	1,410	2,269
North Carolina	301	484	3,375	5,430	Washington	157	253	3,026	4,869
Pennsylvania	–	–	89	143					
Rhode Island	40	64	384	618	**Arctic coast, Alaska**	**1,060**	**1,706**	**2,521**	**4,056**
South Carolina	187	301	2,876	4,627					
Virginia	112	180	3,315	5,334					

– Represents zero. [1] Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such point. [2] Figures obtained in 1939–1940 with a recording instrument on the largest-scale charts and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.

Source: U.S. National Oceanic and Atmospheric Administration, *The Coastline of the United States*, 1975.

No. 344. Water Area, Other Than Inland Water—States

[Includes only that portion of body of water under the jurisdiction of the United States, excluding Alaska and Hawaii. Excludes inland waters; see footnote 2, table 1. One square mile=2.59 square kilometers]

Body of water	Area		Body of water	Area	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Total	**74,364**	**192,603**	Gulf of Mexico coastal water	3,837	9,938
			Alabama	560	1,450
Atlantic coastal water	2,298	5,952	Florida	1,698	4,398
Florida	37	96	Louisiana	1,016	2,631
Georgia	48	124	Mississippi	556	1,440
Maine	1,102	2,854	Texas	7	18
Massachusetts	959	2,484			
Rhode Island	14	36	Lake Michigan	22,178	57,441
South Carolina	138	357	Illinois	1,526	3,952
			Indiana	228	591
Chesapeake Bay	3,237	8,384	Michigan	13,037	33,766
Maryland	1,726	4,470	Wisconsin	7,387	19,132
Virginia	1,511	3,913			
			New York Harbor	92	238
Delaware Bay	665	1,722	New Jersey	69	179
Delaware	350	907	New York	23	60
New Jersey	315	816	Lake Ontario: New York	3,033	7,855
Lake Erie	5,002	12,955	Pacific coastal water	343	888
Michigan	216	559	California	69	179
New York	594	1,538	Oregon	48	124
Ohio	3,457	8,954	Washington	226	585
Pennsylvania	735	1,904			
			Puget Sound: Washington	561	1,453
Straits of Georgia and Juan de Fuca: Washington	1,610	4,170	Lake St. Clair: Michigan	116	300
Lake Huron: Michigan	8,975	23,245	Lake Superior	21,118	54,696
Long Island Sound	1,298	3,364	Michigan	16,231	42,038
Connecticut	573	1,484	Minnesota	2,212	5,729
New York	726	1,880	Wisconsin	2,675	6,928

Source: U.S. Bureau of the Census, *Areas of the United States: 1940.*

No. 345. U.S. Water Withdrawals and Consumption Per Day By End-Use: 1940 to 1980

[Includes Puerto Rico. See headnote, table 346. See also *Historical Statistics, Colonial Times to 1970*, series J 92-103]

Year	Total (bil. gal.)	Per capita [1] (gal.)	Irrigation (bil. gal.)	Public water utilities [2]		Rural domestic [4] (bil. gal.)	Industrial and misc. [5] (bil. gal.)	Steam electric utilities (bil. gal.)
				Total (bil. gal.)	Per capita [3] (gal.)			
WITHDRAWALS								
1940	136	1,027	71	10	75	3.1	29	23
1950	180	1,185	89	14	145	3.6	37	40
1955	240	1,454	110	17	148	3.6	39	72
1960	270	1,500	110	21	151	3.6	38	100
1965	310	1,602	120	24	155	4.0	46	130
1970	370	1,815	130	27	166	4.5	47	170
1975	420	1,972	140	29	168	4.9	45	200
1980	450	1,953	150	34	183	5.6	45	210
CONSUMPTION								
1960	61	339	52	3.5	25	2.8	3.0	.2
1965	77	403	66	5.2	34	3.2	3.4	.4
1970	87	427	73	5.9	36	3.4	4.1	.8
1975	96	451	80	6.7	38	3.4	4.2	1.9
1980	100	440	83	7.1	38	3.9	5.0	3.2

[1] Based on Bureau of the Census resident population as of July 1. [2] Includes domestic central and commercial water withdrawals. [3] Based on population served. [4] Rural farm and nonfarm household and garden use, and water for farm stock and dairies. [5] For 1940-1960, includes manufacturing and mineral industries, rural commercial industries, air conditioning, resorts, hotels, motels, military and other State and Federal agencies, and miscellaneous; thereafter, includes manufacturing, mining and mineral processing, ordnance, construction, and miscellaneous.

Source: 1940-1960, U.S. Bureau of Domestic Business Development, based principally on committee prints, *Water Resources Activities in the United States*, for the Senate Committee on National Water Resources, U.S. Senate, thereafter U.S. Geological Survey, *Estimated Use of Water in the United States in 1960*, circular 1001 and previous quinquennial issues.

No. 346. Water Withdrawals and Consumption Per Day—States and Puerto Rico: 1980

[Figures may not add due to rounding. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water; excludes water used for hydroelectric power]

State	Water withdrawn					Fresh water consumed [3] (mil. gal. per day)	State or other area	Water withdrawn					Fresh water consumed [3] (mil. gal. per day)
	Per capita [1] (gal. per day)	Total [2] (bil. gal. per day)	Surface (bil. gal. per day)	Public supplies (bil. gal. per day)	Irrigation (bil. gal. per day)			Per capita [1] (gal. per day)	Total [2] (bil. gal. per day)	Surface (bil. gal. per day)	Public supplies (bil. gal. per day)	Irrigation (bil. gal. per day)	
Total	**1,953**	**450.0**	**360.0**	**34.0**	**150.0**	**100,000**	MO	1,401	6.9	6.4	.7	.1	670
							MT	13,959	11.0	11.0	.1	11.0	2,700
AL	2,824	11.0	10.0	.6	(Z)	570	NE	7,634	12.0	4.9	.3	9.3	7,600
AK	546	.2	.2	.1	–	35	NV	4,461	3.6	2.9	.2	3.1	1,700
AZ	2,929	8.0	3.7	.6	7.1	4,500	NH	1,083	1.0	.9	.1	(Z)	17
AR	6,960	16.0	12.0	.3	5.1	3,600	NJ	1,356	10.0	9.6	1.1	.1	380
CA	2,272	54.0	33.0	4.1	37.0	25,000	NM	2,989	3.9	2.1	.2	3.6	1,900
CO	5,512	16.0	13.0	.6	14.0	4,000	NY	967	17.0	16.0	2.2	(Z)	590
CT	1,188	3.7	3.6	.4	(Z)	160	NC	1,376	8.1	7.3	.6	.1	760
DE	2,013	1.2	1.1	.1	(Z)	11	ND	1,988	1.3	1.2	.1	.3	330
DC	534	.3	.3	.2	–	23	OH	1,296	14.0	13.0	1.4	(Z)	550
FL	2,127	21.0	17.0	1.4	3.0	2,400	OK	592	1.8	.8	.3	.9	1,000
GA	1,259	6.9	5.7	.8	.6	1,000	OR	2,578	6.8	5.7	.2	5.9	3,200
HI	2,548	2.5	1.7	.2	.9	680							
							PA	1,347	16.0	15.0	1.5	.2	920
ID	19,007	18.0	12.0	.2	16.0	5,900	RI	527	.5	.5	.1	(Z)	15
IL	1,574	18.0	17.0	1.8	.1	590	SC	1,983	6.2	6.0	.4	.1	280
IN	2,551	14.0	13.0	.6	.2	680	SD	1,000	.7	.4	.1	.5	460
IA	1,476	4.3	3.5	.3	.1	290	TN	2,176	10.0	9.6	.5	(Z)	270
KS	2,788	6.6	1.0	.3	5.6	4,700	TX	1,466	21.0	13.0	3.8	8.4	10,000
KY	1,311	4.8	4.6	.4	(Z)	290	UT	3,125	4.6	3.6	.8	3.2	2,900
LA	3,079	13.0	11.0	.6	2.2	3,500	VT	664	.3	.3	(Z)	(Z)	41
ME	1,421	1.6	1.5	.1	(Z)	53	VA	1,809	9.7	9.3	.6	(Z)	230
MD	1,822	7.7	7.6	.5	(Z)	100	WA	2,001	8.3	7.5	.8	6.4	2,900
MA	1,027	5.9	5.6	.8	(Z)	90	WV	2,872	5.6	5.4	.2	(Z)	200
MI	1,621	15.0	14.0	1.3	.2	460	WI	1,227	5.8	5.2	.6	.1	310
MN	759	3.1	2.4	.4	.2	450	WY	11,368	5.4	4.8	.1	4.9	2,600
MS	1,387	3.5	2.0	.3	1.0	710	PR [4]	980	3.2	2.9	.4	.3	300

– Represents zero. Z Less than 50 million. [1] Based on population as of July 1. [2] Includes rural, industrial and steam electric withdrawal (not shown). [3] Evaporated, transpired, or incorporated into products; excludes irrigation conveyance losses by evapotranspiration. [4] Includes Virgin Islands.

Source: U.S. Geological Survey, *Estimated Use of Water in the United States in 1980*, Circular 1001.

No. 347. National Ambient Water Quality in Rivers and Streams—Violation Rate: 1975 to 1983

[**In percent.** Violation level based on U.S. Environmental Protection Agency water quality criteria. Violation rate represents the proportion of all measurements of a specific water quality pollutant which exceeds the "violation level" for that pollutant. "Violation" does not necessarily imply a legal violation. Data based on U.S. Geological Survey's National Stream Quality Accounting Network (NASQAN) data system; for details, see source. Years refer to water years. A water year begins in Oct. and ends in Sept. μg=micrograms. mg=milligrams. For metric conversions, see p. xii]

POLLUTANT	VIOLATION LEVEL	1975	1976	1977	1978	1979	1980	1981	1982	1983
Fecal coliform bacteria	Above 200 cells per 100 ml	36	32	34	35	34	31	30	33	34
Dissolved oxygen	Below 5 mg per liter	5	6	11	5	4	5	4	5	4
Phosphorus, total, as phosporous	Above 1.0 mg per liter	5	5	5	5	3	4	4	3	3
Lead, dissolved	Above 50 μg per liter	(B)	(B)	(B)	(B)	13	5	3	2	5
Cadmium, dissolved	Above 10 μg per liter	(B)	(B)	(B)	(B)	4	1	1	1	1

B Base figure too small to meet statistical standards for reliability of derived figures.

Source: U.S. Geological Survey, national-level data, unpublished; State-level data, *Water-Data Report*, annual series prepared in cooperation with the State governments.

No. 348. Polluting Discharges Reported in and Around U.S. Waters: 1970 to 1983

ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)
Other	190	46	Pipeline	621	3,031
1970, discharges	3,711	15,253			
1971, discharges	8,736	8,840	Marine facilities:		
1972, discharges	9,931	18,806	Onshore/offshore	638	364
1973, discharges	13,328	24,315	Land vehicles	560	563
1974, discharges	14,432	19,422	Land facilities	147	78
1975, discharges	12,781	22,243	Other or unknown	4,215	2,558
1976, discharges	13,930	36,608			
1977, discharges	15,330	11,248	Type of pollutant:		
1978, discharges	14,495	17,557	Crude oil	2,155	2,672
1979, discharges	13,134	13,661	Diesel oil	2,053	2,120
1980, discharges	11,155	15,093	Other oil	5,185	3,746
1981, discharges	10,564	19,773	Other or unknown	1,959	21,464
1982, discharges	10,414	23,154			
			Location:		
1983, discharges	**11,352**	**30,002**	Atlantic Coast	2,481	1,064
Vessel	2,540	3,230	Gulf Coast	2,680	1,425
Tankship	310	212	Pacific Coast	1,453	11,278
Tank barge	586	2,645	Great Lakes	23	2
Other	1,644	373	Inland	4,644	16,219
Nontransport facilities	2,631	20,175			
Onshore	1,171	20,014			
Offshore	1,270	115			

Source: U.S. Coast Guard, *Pollution Incidents Reporting System*, May 1985.

No. 349. Population Served by Sewer Systems, by Degree of Treatment: 1960 to 1984

[**In millions, except percent.** 1960 and 1970 not strictly comparable with later years]

ITEM	1960	1970	1980	1982	1984	ITEM	1960	1970	1980	1982	1984
U.S. population	**180**	**204**	**227**	**232**	**236**	Degree of treatment:					
						Less than secondary	36	(NA)	37	34	34
Not served by sewers	70	59	68	68	66	No discharge			4	4	5
Percent of population	39	29	30	29	28						
Served by sewers	110	145	159	164	170	Secondary	4	(NA)	63	68	71
Not treated	70	59	2	2	1	Advanced secondary			48	51	53
Treated	40	86	157	162	169	Tertiary			15	5	5

NA Not available.

Source: 1960 and 1970, U.S. Dept. of Commerce, "Market for Water and Waste Water Treatment Equipment," *Journal, Water Pollution Control Federation*, April 1979; 1980–1984, U.S. Environmental Protection Agency, *Needs Survey, Conveyance and Treatment of Municipal Wastewater, Summaries of Technical Data*, biennial.

No. 350. Population Served by Municipal Sewer Systems, by Degree of Treatment—States and Other Areas: 1984

[Population served represents persons receiving treatment for their generated wastewater at a facility operated by an established publicly-owned sewerage authority. Data based on an inventory of municipal wastewater facilities. Facilities with no discharge are lagoon systems and systems that dispose of their effluent by recycling, reuse, spray irrigation or groundwater discharge; with less than secondary provide preliminary treatment plus primary sedimentation; secondary treatment provides for preliminary treatment followed by biological processes; advance secondary and tertiary treatment involve the removal of such pollutants as phosphorous and ammonia]

STATE	Resident population, 1980 (1,000)	PERCENT SERVED BY TREATMENT DESIGNED FOR— No discharge	Less than secondary	Secondary	Advance secondary	Tertiary
Total	**230,210**	**2.4**	**14.9**	**30.2**	**23.0**	**2.9**
AL	3,890	–	1.0	42.0	12.4	–
AK	400	–	45.3	20.2	1.1	–
AZ	2,718	8.5	2.4	74.8	.7	.2
AR	2,286	.2	23.7	23.2	10.1	.3
CA	23,669	8.1	40.1	20.5	18.0	7.1
CO	3,024	1.7	4.0	43.1	48.8	–
CT	3,108	–	7.5	49.7	3.7	1.0
DE	595	–	.8	.4	71.3	.4
DC	638	–	–	–	205.6	–
FL	9,740	11.8	6.7	25.1	12.6	9.1
GA	5,464	1.7	2.2	40.6	15.7	.5
HI	965	.2	54.3	6.5	2.5	–
ID	944	4.2	14.0	27.7	8.5	.7
IL	11,418	–	2.8	13.6	71.2	.1
IN	5,490	–	.9	15.8	47.5	.4
IA	2,913	.1	25.2	41.7	5.5	–
KS	2,363	4.2	24.9	46.8	3.5	–
KY	3,661	–	1.8	33.2	13.1	–
LA	4,204	.1	12.9	50.1	4.0	2.3
ME	1,125	.1	7.6	36.6	1.4	–
MD	4,216	–	1.5	10.9	42.0	5.4
MA	5,737	–	41.1	20.9	6.9	1.1
MI	9,258	1.0	5.0	3.6	59.2	4.6
MN	4,077	.1	3.9	62.1	6.8	2.0
MS	2,521	1.6	6.3	43.5	6.7	–
MO	4,917	–	28.1	43.8	2.9	–
MT	787	2.6	6.3	51.6	1.3	–
NE	1,570	4.5	32.6	43.0	–	–
NV	799	9.3	2.5	9.3	78.7	–
NH	921	.1	15.4	30.6	.9	–
NJ	7,364	.3	18.9	52.9	9.8	3.0
NM	1,300	12.9	.5	45.0	1.1	–
NY	17,577	–	19.8	39.1	11.6	1.0
NC	5,874	–	1.9	19.0	13.9	9.2
ND	653	1.7	1.3	66.2	–	–
OH	10,797	–	7.7	22.2	37.0	5.3
OK	3,025	4.6	11.9	53.2	9.3	–
OR	2,633	1.6	1.2	16.5	39.7	2.8
PA	11,867	–	16.6	40.5	19.1	1.3
RI	947	–	28.3	38.5	1.1	–
SC	3,119	.3	5.3	34.7	10.2	–
SD	690	3.4	19.8	37.5	5.5	–
TN	4,591	–	6.2	27.2	16.0	.9
TX	14,228	6.5	10.3	38.3	36.0	1.9
UT	1,461	7.1	–	81.1	6.7	–
VT	511	.2	16.1	26.4	5.1	–
VA	5,346	–	12.7	14.0	22.3	17.0
WA	4,130	.7	31.0	17.1	10.7	–
WV	1,950	–	6.7	26.5	8.8	4.6
WI	4,705	1.4	.7	15.3	54.5	.2
WY	450	2.0	17.6	63.0	3.4	–
Am. Samoa	33	–	16.2	–	–	–
Guam	110	4.7	53.2	6.7	–	–
N. Marianas	1/	–	6.2	–	–	–
Puerto Rico	3,197	–	47.4	2.0	–	–
Trust Terr. of Pac. Is	118	–	2.0	11.6	.8	–
Virgin Is	99	–	53.5	13.3	–	–

– Represents zero.

Source: U.S. Environmental Protection Agency, unpublished data from *1984 Needs Survey.*

No. 351. National Ambient Air Pollutant Concentrations: 1975 to 1983

[Data represent annual composite averages of pollutant based on daily 24-hour averages of monitoring stations, except carbon monoxide is based on the second-highest, non-overlapping, 8-hour average; ozone, average of the second-highest daily maximum one hour value; and lead, quarterly average of ambient lead levels. $\mu g/m^3$ = micrograms of pollutant per cubic meter of air; ppm-parts per million]

POLLUTANT	Unit	Monitoring stations, number	Air quality standard	1975	1976	1977	1978	1979	1980	1981	1982	1983
Carbon monoxide	ppm	174	[1] 9	11.9	11.2	10.6	10.0	9.6	8.9	8.8	8.0	7.9
Ozone	ppm	176	[2] .122	.15	.15	.15	.15	.14	.14	.13	.13	.14
Sulfur dioxide	ppm	286	.03	.015	.015	.014	.013	.012	.011	.011	.010	.010
Total suspended particulates	$\mu g/m^3$	1,510	75	60.8	61.7	61.2	61.4	[3] 61.1	[3] 62.6	[3] 58.4	49.5	48.7
Nitrogen dioxide	ppm	177	.053	.027	.027	.028	.030	.030	.029	.027	.026	.026
Lead	$\mu g/m^3$	61	[4] 1.5	1.00	.97	1.02	.91	.69	.49	.43	.40	.34
INDEX												
Carbon monoxide	1975=100	174	[1] 9	100	94	89	84	81	75	74	67	66
Ozone	1975=100	176	.122	100	100	100	100	93	93	87	87	93
Sulfur dioxide	1975=100	286	.03	100	100	93	87	80	73	73	67	67
Total suspended particulates	1975=100	1,510	75	100	101	101	99	100	103	96	81	80
Nitrogen dioxide	1975=100	177	.053	100	100	104	111	111	107	100	96	96
Lead	1975=100	61	[4] 1.5	100	97	102	91	69	49	43	40	34

[1] Based on 8-hour standard of 9 ppm. [2] Based on 1-hour standard of .12 ppm. [3] Values are biased high due to type of data measuring instruments used. [4] Based on 3-month standard of 1.5 $\mu g/m^3$.

Source: U.S. Environmental Protection Agency, *National Ambient Air Quality and Emissions Trends Report, 1983,* April 1985.

No. 352. National Air Pollutant Emissions: 1970 to 1983

[In millions of metric tons, except lead in thousands of metric tons. Metric ton = 1.1023 short tons]

POLLUTANT	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Carbon monoxide	98.3	96.3	93.8	89.5	84.6	80.5	85.3	81.1	80.6	77.4	75.0	72.3	66.1	67.6
Sulfur dioxides	28.2	26.8	27.4	28.7	27.0	25.6	26.2	26.3	24.5	24.5	23.2	22.3	21.3	20.8
Volatile organic compounds	27.0	26.3	26.3	25.7	24.1	22.7	23.8	23.6	24.2	23.5	22.3	21.0	19.4	19.9
Particulates[1]	18.0	16.7	15.0	13.9	12.2	10.3	9.6	9.0	8.9	8.8	8.3	7.7	6.8	6.9
Nitrogen oxides	18.1	18.5	19.7	20.2	19.6	19.1	20.3	20.9	21.0	21.1	20.3	20.5	19.6	19.4
Lead	203.8	220.8	231.7	202.7	162.1	147.0	153.1	141.2	127.9	108.7	70.6	55.9	54.4	46.9

[1] Suspended particulate matter: Particles of smoke, dust, and fumes and droplets of viscous liquid remaining in the air for varying periods of time and ranging from less than 1 micron (1/25,000 inch) to 100 microns.

No. 353. Air Pollutant Emissions, by Pollutant and Source: 1970 and 1983

[In millions of metric tons, except lead in thousands of metric tons. Metric ton = 1.1023 short tons]

YEAR AND POLLUTANT	Total emissions	CONTROLLABLE EMISSIONS						Misc. uncontrolable	PERCENT OF TOTAL		
		Transportation		Fuel combustion[1]		Industrial processes	Solid waste disposal		Transportation	Fuel combustion[1]	Industrial
		Total	Road vehicles	Total	Electric utilities						
1970: Carbon monoxide	98.3	71.8	62.7	3.9	.2	9.0	6.4	7.2	73.0	4.0	9.2
Sulfur oxides	28.2	.6	.3	21.3	15.8	6.2	(Z)	.1	2.1	75.5	22.0
Volatile organic compounds	27.0	12.3	11.1	.9	(Z)	8.7	1.8	3.3	45.6	3.3	32.2
Particulates[2]	18.0	1.2	.9	4.5	2.3	10.1	1.1	1.1	6.7	25.0	56.1
Nitrogen oxides	18.1	7.6	6.0	9.1	4.5	.7	.4	.3	42.0	50.3	3.9
Lead	203.8	163.6	156.0	9.6	.3	23.9	6.7	(Z)	80.3	4.7	11.7
1983: Carbon monoxide	67.6	47.7	41.2	7.0	.3	4.6	2.0	6.3	70.6	10.4	6.8
Sulfur oxides	20.8	.9	.5	16.8	14.0	3.1	(Z)	(Z)	4.3	80.8	14.9
Volatile organic compounds	19.9	7.2	6.0	2.1	(Z)	7.5	.6	2.5	36.2	10.6	37.9
Particulates[2]	6.9	1.3	1.1	2.0	.5	2.3	.4	.9	18.8	29.0	33.3
Nitrogen oxides	19.4	8.8	7.0	9.7	6.3	.6	.1	.2	45.4	50.0	3.1
Lead	46.9	40.7	38.7	.6	.1	2.5	3.1	(Z)	86.8	1.3	5.3

Z Less than 50,000 metric tons. [1] Stationary. [2] See footnote 1, table 352.

Source of tables 352 and 353: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates, 1940–1983*, Dec. 1984.

No. 354. Ratio of Highest Reported Pollutant Concentration to Air Quality Standards—Index, by Selected SMSA's: 1982 and 1983

[Pollutant concentrations reported are the highest levels measured within the SMSA(s). The index relates these reported levels for a pollutant to the National Ambient Air Quality Standards (NAAQS) for each pollutant (see table 351). For example, a reported carbon monoxide level of 13 ppm for the New York, NY–NJ SMSA is divided by the standard of 9 ppm and multiplied by 100 to give the index value of 144 for 1982. Caution should be used in attempting to compare SMSA's according to their air quality. For definition of standard metropolitan statistical area (SMSA), see Appendix II]

STANDARD METROPOLITAN STATISTICAL AREA	CARBON MONOXIDE		SULFUR DIOXIDE		OZONE		SUSPENDED PARTICULATES		NITROGEN DIOXIDE		LEAD	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
New York, NY–NJ	144	144	83	80	142	158	79	79	68	70	41	60
Los Angeles-Long Beach, CA	[1] 211	211	10	33	267	308	112	124	72	111	112	73
Chicago, IL	156	144	40	47	100	142	115	124	98	83	295	191
Philadelphia, PA–NJ	133	122	67	53	150	158	91	91	74	77	[2] 105	[2] 244
Detroit, MI	111	100	60	50	133	142	149	135	36	51	(NA)	55
San Francisco–Oakland, CA	100	100	30	10	117	142	71	73	51	49	37	25
Washington, DC–MD–VA	133	144	60	43	125	142	71	79	68	70	47	40
Dallas–Fort Worth, TX	78	78	10	17	142	133	108	93	36	34	47	95
Houston, TX	111	[1] 100	30	27	175	233	184	135	45	51	17	27
Boston, MA	233	156	60	63	[1] 133	150	95	92	68	49	72	40
Nassau-Suffolk, NY	111	111	40	37	108	142	72	59	62	64	48	40
St. Louis, MO–IL	[1] 100	211	67	70	133	150	179	179	47	49	[2] 254	[2] 447
Pittsburgh, PA	122	144	153	143	117	117	87	103	58	66	27	30
Baltimore, MD	133	144	67	53	117	158	96	100	60	62	57	45
Minneapolis–St. Paul, MN–WI	156	167	60	37	83	108	97	96	43	32	[2] 531	47
Atlanta, GA	89	100	(NA)	33	117	142	84	80	30	47	39	47
Newark, NJ	144	122	57	47	142	208	96	97	85	81	61	37
Anaheim-Santa Ana-Garden Grove, CA	[1] 122	122	(NA)	20	[1] 150	233	115	115	(NA)	85	61	57
Cleveland, OH	100	111	77	70	108	125	135	128	70	53	28	28
San Diego, CA	100	100	23	17	175	167	101	73	57	62	77	54
Miami, FL	122	122	10	7	117	100	64	72	43	43	101	93
Denver–Boulder, CO	189	267	37	43	117	117	225	196	77	98	87	39
Seattle–Everett, WA	133	122	50	43	75	83	99	96	91	58	55	[3] 505
Tampa–St. Petersburg, FL	78	78	30	23	100	117	76	79	42	28	73	67
Riverside–San Bernardino–Ontario, CA	78	78	20	10	267	283	136	155	83	79	43	37
Phoenix, AZ	200	222	(NA)	13	100	133	187	167	58	34	83	72
Cincinnati, OH–KY–IN	89	78	50	50	108	125	104	107	64	68	34	31

NA Not available. [1] Incomplete reporting. [2] Reflects impact of industrial sources. [3] Reflects the impact of industrial sources at a new monitoring site; therefore, data are not comparable with prior year.

Source: U.S. Environmental Protection Agency, *National Air Quality and Emissions Trends Report, 1983*.

No. 355. Solid Waste Generation, Recovery, and Disposal: 1960 to 1980

[**In millions of tons, except as indicated.** Covers post-consumer residential and commercial solid wastes which comprise the major portion of typical municipal collections. Excludes mining, agricultural and industrial processing, demolition and construction wastes, sewage sludge, and junked autos and obsolete equipment wastes. Based on material-flows estimating procedure and wet weight as generated]

ITEM AND MATERIAL	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Gross waste generated	86.9	104.8	131.1	143.1	135.6	143.2	146.6	150.4	155.8	155.6
Per person per day (lb.)	2.64	2.96	3.50	3.67	3.44	3.60	3.65	3.70	3.79	3.74
Net waste disposed of	80.8	98.4	123.4	132.6	126.7	132.5	134.9	138.9	143.6	142.8
Per person per day (lb.)	2.45	2.77	3.30	3.40	3.21	3.33	3.36	3.42	3.50	3.44
Resources recovered	6.1	6.4	7.7	10.5	8.9	10.7	11.7	11.5	12.2	12.7
Per person per day (lb.)	.18	.18	.21	.27	.23	.27	.29	.28	.30	.31
Percent of gross discards:										
Paper	18.8	15.8	16.0	16.3	15.5	16.1	19.8	20.1	20.0	20.6
Glass	1.4	1.2	1.3	2.5	2.7	2.7	3.4	3.3	3.5	4.9
Metal	.5	1.0	1.2	3.4	4.4	4.5	2.5	2.5	4.1	4.1
Aluminum	(NA)	(NA)	1.3	5.0	8.7	9.2	7.1	13.3	12.1	14.8
Rubber	5.7	12.5	8.2	6.1	6.9	3.9	3.4	3.3	4.0	3.9

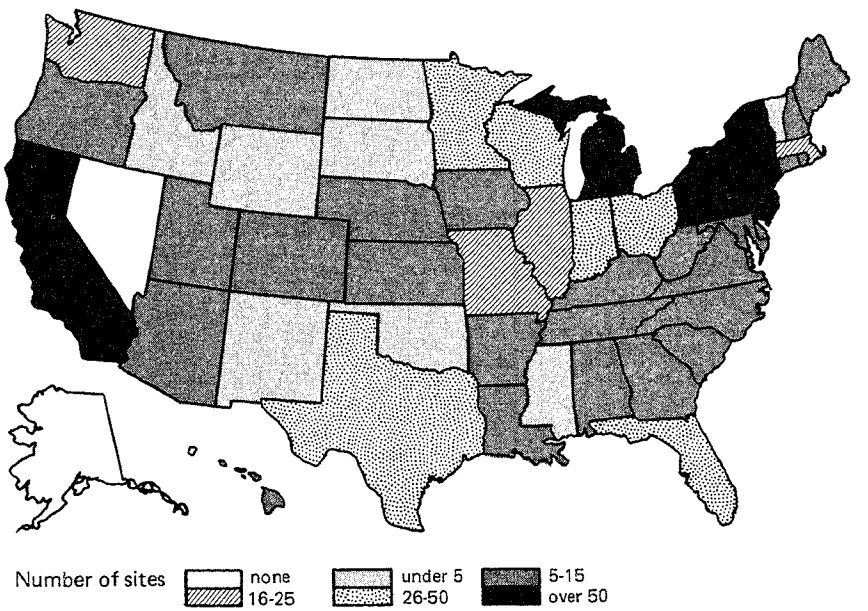
NA Not available.

Source: U.S. Environmental Protection Agency, unpublished data from Franklin Associates, Ltd., Prairie Village, KS.

Figure 7.2

Hazardous Waste Sites (Final and Proposed) - Number of Sites on National Priority List, September 1985

[Represents targeted hazardous waste sites identified for action under the Comprehensive Environmental Response Compensation, and Liability Act of 1980 (also known as "Superfund"). Superfund is a national trust fund (about $1.6 billion) established by Congress for cleaning up environmental problems when the public health or environment is threatened by hazardous wastes improperly disposed of in the past or by spills of hazardous substances]



Total sites in U.S.: 862[1]

[1] Includes eight in Puerto Rico; and one each in American Samoa, Guam, Marianas, and Trust Territories.

Source: U.S. Environmental Protection Agency, Background information, National Priorities List, September 1985.

No. 356. Solid Waste Disposal, by Selected Manufacturing Industry Group: 1975 to 1983

[**In millions of short tons.** Excludes recovered materials. Data include both wet and dry weight figures. Excludes apparel and other textile, and, beginning 1978, establishments with less than 20 employees]

SIC[1]	INDUSTRY GROUP	1975	1976	1977	1978	1979	1980	1981	1982	1983		
										Total	Hazardous waste [2]	Nonhazardous waste
(x)	**All industries** [3]	139.1	156.8	160.0	160.8	163.7	149.9	145.8	99.4	89.0	8.0	81.0
20	Food	12.6	15.0	13.1	13.4	14.0	14.4	13.2	9.8	9.6	.2	9.4
24	Lumber and wood	6.1	9.3	6.3	6.7	6.5	5.9	6.4	3.7	4.0	(Z)	4.0
26	Paper	9.1	10.1	10.6	10.9	13.3	12.3	11.3	11.5	13.7	.1	13.5
28	Chemicals	38.7	50.3	55.7	48.8	45.4	43.4	43.7	36.1	18.8	3.6	15.2
29	Petroleum	2.0	2.6	2.9	3.6	3.1	4.9	4.7	4.4	3.6	1.5	2.1
32	Stone, clay, glass	11.3	11.1	12.6	12.7	14.1	13.3	12.1	5.8	6.2	.2	5.9
33	Primary metal	42.7	42.4	41.7	46.1	47.8	37.5	36.0	16.7	17.7	1.0	16.7
34	Fabricated metals	1.9	2.1	2.0	2.0	2.0	1.9	1.8	1.4	2.0	.2	1.7
35	Machinery exc. electrical	2.7	3.1	3.6	3.4	3.5	3.0	2.8	1.6	1.8	.2	1.7
36	Electric equipment	1.5	1.5	1.5	1.8	2.3	2.1	1.7	1.3	1.7	.3	1.4
37	Transportation equipment	3.8	4.3	4.7	5.2	4.3	4.2	4.0	2.9	3.0	.3	2.7

X Not applicable. Z Less than 50,000 short tons. [1] Standard Industrial classification; see text, p. 388. [2] Covers waste, which because of its quantity, concentration, or physical, chemical, or infectious characteristics, may cause, or significantly contribute to an increase in serious irreversible, or incapacitating reversible illness; or pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of or managed. See Resource Conservation and Recovery Act 1976, Public Law 94-580, for listing of hazardous wastes. [3] Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-200, annual.

No. 357. Synthetic Organic Pesticides—Production and Sales: 1960 to 1983

[Includes a small quantity of soil conditioners]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Production, total	Mil. lb	648	877	1,034	1,603	1,364	1,388	1,416	1,429	1,468	1,430	1,113	1,017
Herbicides	Mil. lb	102	263	404	788	656	674	664	657	805	839	623	570
Insecticides	Mil. lb	366	490	490	660	566	570	605	617	506	448	379	324
Fungicides	Mil. lb	179	124	140	155	142	143	147	155	156	143	111	123
Production value [1]	Mil. dol	307	577	1,058	2,900	2,880	3,116	3,342	3,685	4,269	5,136	4,331	3,993
Sales, total	Mil. lb	570	764	881	1,317	1,193	1,263	1,300	1,369	1,406	1,291	1,147	1,017
Sales value [1]	Mil. dol	262	497	870	2,359	2,410	2,808	3,041	3,631	4,078	4,652	4,432	4,054

[1] Manufacturers unit value multiplied by production.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *The Pesticide Review*, 1983. Based on data from U.S. International Trade Commission, *Synthetic Organic Chemicals*, annual.

No. 358. Pesticide Residues in Human Adipose Tissue—Concentration Levels: 1970 to 1979

[**In parts per million (ppm).** Data based on a sample of measurements of pesticide residues and associated chemicals found in human tissue collected by medical pathologists from selected cities in the conterminous 48 states as part of the National Human Adipose Tissue Monitoring Program]

PESTICIDE RESIDUES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
DDT	8.07	8.24	7.06	6.09	5.34	4.97	4.69	3.47	3.91	3.64
Dieldrin	.23	.26	.22	.22	.18	.17	.15	.12	.12	.11
Oxychlordane	(NA)	.08	.14	.14	.14	.14	.14	.12	.13	.13
Heptachlor epoxide	.14	.11	.11	.11	.10	.11	.10	.09	.09	.10
trans-Nonachlor	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.17	.12	.16	.17
beta-Benzene hexachloride	.47	.42	.33	.32	.28	.25	.26	20	.20	.22
Hexachlorobenzene	(NA)	(NA)	(NA)	(NA)	.43	.05	.05	.05	.05	.05

NA Not available.

Source: U.S. Environmental Protection Agency, Office of Toxic Substances, "Trends of Organochlorine Pesticide Residues in Human Tissue," 1981, and unpublished data.

No. 359. Threatened and Endangered Wildlife and Plant Species—Number: 1985

[As of **Feb. 29.** Endangered species: One in danger of becoming extinct throughout all or a significant part of its natural range. Threatened species: One likely to become endangered in the foreseeable future]

ITEM	Mammals	Birds	Reptiles	Amphibians	Fishes	Snails	Clams	Crustaceans	Insects	Plants
Endangered species, total	273	216	74	13	45	4	24	3	8	73
U.S. only	20	59	8	5	30	3	22	3	8	67
U.S. and foreign	19	13	6	-	4	-	0	-	-	5
Foreign only [1]	234	144	60	8	11	1	2	-	-	1
Threatened species, total	26	4	25	3	17	5	-	1	4	14
U.S. only	4	3	8	3	14	5	-	1	4	10
U.S. and foreign	-	1	4	-	3	-	-	-	-	2
Foreign only [1]	22	-	13	-	-	-	-	-	-	2

- Represents zero. [1] Species outside U.S. and outlying areas as determined by Fish and Wildlife Service.

Source: U.S. Fish and Wildlife Service, *Endangered Species Technical Bulletin*, Mar. 1985, vol. X, No. 3.

NO. 360. POLLUTION ABATEMENT AND CONTROL EXPENDITURES, 1975 TO 1983, AND BY MEDIA, 1983

[**In millions of dollars, except percent.** Excludes agricultural production of crops and livestock except feedlots]

TYPE	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.			
									Total [1]	Air	Water	Solid waste
CURRENT DOLLARS												
Total expenditures	**30,923**	**34,681**	**37,962**	**43,416**	**49,904**	**55,368**	**58,965**	**58,889**	**62,658**	**29,189**	**23,585**	**10,386**
Percent Government	28.2	27.8	26.5	27.6	26.1	24.5	21.4	21.3	20.1	3.3	31.1	33.4
Pollution abatement	29,167	32,677	35,652	40,833	47,062	52,350	55,832	55,967	59,836	28,032	22,841	10,118
Personal consumption	3,463	3,994	4,311	4,762	5,646	6,808	8,361	8,521	9,951	9,951	-	-
Business	18,134	20,335	22,761	25,692	30,066	33,946	36,886	36,954	39,240	17,582	16,165	6,907
Government	7,570	8,348	8,580	10,380	11,350	11,596	10,584	10,492	10,645	499	6,676	3,211
Federal	432	472	490	472	548	494	506	552	808	131	399	89
State and local	1,752	1,834	1,963	2,212	2,461	2,778	3,053	3,277	3,516	-	324	3,122
Govt. enterprise fixed capital	5,387	6,042	6,128	7,697	8,341	8,324	7,026	6,663	6,321	369	5,953	-
Regulation and monitoring	653	725	833	949	1,067	1,296	1,378	1,397	1,255	325	498	189
Research and development	1,103	1,279	1,478	1,633	1,775	1,722	1,756	1,525	1,568	831	246	79
Superfund [2]	(X)	(X)	(X)	(X)	(X)	4	39	127	212	(NA)	(NA)	(NA)
CONSTANT (1972) DOLLARS												
Total expenditures	**23,008**	**24,325**	**24,800**	**26,330**	**26,936**	**26,353**	**25,536**	**24,304**	**25,182**	**11,499**	**9,350**	**4,469**
Pollution abatement	21,644	22,868	23,230	24,696	25,236	24,698	23,983	22,955	23,947	11,004	9,026	4,349
Personal consumption	2,589	2,857	2,945	3,066	3,100	3,211	3,728	3,717	4,376	4,376	-	-
Business	13,057	13,789	14,315	15,011	15,651	15,409	15,188	14,457	14,945	6,428	6,090	2,966
Government	5,998	6,221	5,970	6,619	6,486	6,078	5,067	4,781	4,626	201	2,936	1,383
Regulation and monitoring	517	538	577	620	653	728	701	661	555	140	216	85
Research and development	847	920	993	1,014	1,046	927	853	689	680	355	108	35
Superfund [2]	(X)	(X)	(X)	(X)	(X)	3	21	63	101	(NA)	(NA)	(NA)

- Represents zero. NA Not available. X Not applicable. [1] Includes "other and unallocated" expenditures (such as for noise, radiation, and pesticide pollution and business expenditures not assigned to media) which may be either positive or negative; therefore, data may not add. [2] Outlays by the Environmental Protection Agency for the Comprehensive Environmental Response Compensation and Liability Act of 1980.

NO. 361. AIR AND WATER POLLUTION ABATEMENT EXPENDITURES IN CONSTANT (1972) DOLLARS: 1975 TO 1983

[**In millions of dollars.** See headnote, table 360]

YEAR	AIR							WATER				
	Total	Mobile sources [1]			Stationary sources			Total [4]	Industrial		Public sewer systems [5]	
		Total	Cars	Trucks	Total [2]	Industrial			Facilities	Operations [3]	Facilities	Operations [3]
						Facilities	Operations [3]					
1975	8,514	4,119	3,362	757	4,395	2,926	1,317	9,952	1,945	1,062	4,765	1,524
1976	8,912	4,579	3,610	970	4,333	2,638	1,498	10,613	2,138	1,210	4,960	1,609
1977	9,104	4,820	3,711	1,109	4,284	2,457	1,621	10,641	2,050	1,337	4,795	1,740
1978	9,435	5,142	3,756	1,385	4,293	2,377	1,724	11,554	1,928	1,525	5,493	1,877
1979	9,974	5,425	3,717	1,708	4,549	2,496	1,829	11,422	1,809	1,617	5,323	1,944
1980	10,216	5,545	4,003	1,542	4,672	2,541	1,867	10,596	1,698	1,530	4,787	1,929
1981	10,822	6,452	(NA)	(NA)	4,370	2,255	1,865	9,276	1,425	1,564	3,741	1,958
1982	10,315	6,393	(NA)	(NA)	3,922	2,000	1,668	8,871	1,329	1,472	3,416	2,065
1983, prel	11,004	7,411	(NA)	(NA)	3,593	1,527	1,831	9,026	1,239	1,687	3,273	2,251

NA Not available. [1] Excludes expenditures to reduce emissions from sources other than cars and trucks. [2] Includes other expenditures not shown separately. [3] Operation of facilities. [4] Includes nonpoint sources not shown separately. [5] Includes expenditures for private connectors to sewer systems, by owners of animal feedlots, and by government enterprises.

NO. 362. FEDERAL GRANTS-IN-AID TO STATE AND LOCAL GOVERNMENTS FOR POLLUTION ABATEMENT AND CONTROL: 1973 TO 1983

[**In millions of dollars**]

ACTIVITY	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
CURRENT DOLLARS											
Pollution abatement and control	1,056.9	2,241.8	2,869.6	3,385.9	4,060.5	4,149.8	5,098.7	5,239.9	4,896.9	4,421.1	4,374.8
Pollution abatement	915.9	2,112.0	2,720.8	3,189.1	3,814.9	3,878.8	4,797.2	4,926.9	4,592.3	4,126.2	4,076.2
Regulation and monitoring	76.2	91.1	101.6	151.4	194.3	214.2	230.9	249.1	276.6	266.6	266.6
Research and development	64.8	38.7	47.2	45.4	51.3	56.8	70.6	63.9	28.0	28.3	32.0
CONSTANT (1972) DOLLARS [1]											
Pollution abatement and control	982.9	1,906.1	2,304.0	2,545.6	2,847.3	2,644.1	2,914.0	2,777.0	2,397.9	2,063.0	1,925.8
Pollution abatement	850.5	1,794.2	2,186.4	2,401.3	2,679.1	2,470.6	2,733.9	2,607.5	2,249.3	1,929.0	1,799.7
Regulation and monitoring	71.0	77.9	79.4	109.8	131.6	135.6	136.8	134.3	134.3	120.5	111.8
Research and development	61.4	34.0	38.2	34.5	36.6	37.9	43.3	35.2	14.3	13.5	14.3

[1] Estimates are derived using measures of price change of goods and services purchased by State and local governments for pollution abatement and control.

Source of tables 360-362: U.S. Bureau of Economic Analysis, *Survey of Current Business,* March 1985, and unpublished data.

No. 363. New Capital Business Expenditures for Pollution Abatement: 1975 to 1983

SIC [1]	INDUSTRY	POLLUTION ABATEMENT EXPENDITURES (bil. dol.)								PERCENT OF TOTAL CAPITAL OUTLAYS BY BUSINESS [2]		
		1975	1980	1981	1982	1983				1975	1980	1983
						Total	Air	Water	Solid waste			
(x)	**Total nonfarm business**	**6.97**	**9.20**	**8.93**	**8.49**	**7.24**	**3.66**	**2.90**	**.68**	**4.4**	**3.1**	**2.4**
(x)	Manufacturing	4.93	5.52	5.42	4.72	4.01	1.72	1.94	.36	9.0	4.8	3.5
(x)	Durable goods [3]	1.90	2.27	1.97	1.76	1.33	.65	.55	.13	7.2	3.8	2.5
33	Primary metals	1.02	.98	.78	.76	.36	.19	.15	.02	17.5	12.7	6.0
35	Machinery, except electrical	.09	.15	.15	.18	.26	.08	.15	.04	1.8	1.3	1.9
36	Electrical machinery	.09	.16	.18	.15	.14	.04	.08	.01	2.8	1.6	1.2
37	Transportation equipment	.16	.52	.46	.40	.30	.17	.10	.03	2.7	2.9	2.6
(x)	Nondurable goods [3]	3.03	3.25	3.46	2.96	2.68	1.06	1.39	.23	10.6	5.7	4.2
20	Food, incl. beverage	.29	.27	.30	.38	.25	.13	.10	.02	7.2	3.7	3.2
26	Paper	.50	.39	.38	.30	.25	.16	.07	.02	16.7	5.8	4.2
28	Chemicals	.82	.73	.88	.67	.57	.24	.28	.05	10.8	5.8	4.4
29	Petroleum	1.27	1.71	1.76	1.50	1.55	.51	.91	.12	13.2	8.3	6.7
(x)	Nonmanufacturing [3]	2.04	3.69	3.51	3.77	3.23	1.94	.96	.32	2.0	2.1	1.7
(4)	Mining	.14	.48	.46	.52	.26	.08	.14	.05	2.3	3.6	1.7
49	Public utilities	1.51	2.88	2.80	3.00	2.77	1.78	.75	.24	7.5	8.1	6.2

X Not applicable. [1] Standard Industrial Classification, see text, p. 388. [2] Based on outlays reported in source; see also table 901. [3] Includes industries not shown separately. [4] Includes SIC groups 10, 11, 12, and 13.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1984 and earlier issues.

No. 364. Pollution Abatement Capital Expenditures and Operating Costs of Manufacturing Establishments, 1978 to 1983, and by Selected Industry Group, 1983

[**In millions of dollars.** Based on probability sample of about 20,000 manufacturing establishments. Excludes apparel and other textile establishments and establishments with less than 20 employees. Data will not agree with those shown in table 363; see source for details]

YEAR AND INDUSTRY GROUP	POLLUTION ABATEMENT CAPITAL EXPENDITURES					POLLUTION ABATEMENT GROSS OPERATING COSTS [1]				
	Total	Air	Water	Solid waste		Total	Air	Water	Solid waste	
				Hazardous	Nonhazardous				Hazardous	Nonhazardous
1978	3,279.3	1,853.6	1,246.5	178.9		6,275.7	2,527.4	2,529.9	1,218.2	
1979	3,564.5	2,071.9	1,245.7	246.9		7,399.9	3,061.8	3,015.6	1,322.5	
1980	3,502.9	2,105.5	1,146.5	251.0		8,141.8	3,297.8	3,193.1	1,650.6	
1981	3,484.9	2,193.6	1,028.4	263.1		9,109.9	3,697.8	3,554.3	1,855.7	
1982	3,024.1	1,828.2	977.0	218.5		8,565.0	3,455.9	3,488.5	1,619.9	
All industries, 1983 [2]	**2,045.0**	**1,029.0**	**819.0**	**60.9**	**136.0**	**9,925.1**	**3,806.9**	**3,943.2**	**573.5**	**1,601.6**
Paper	216.1	122.3	65.9	1.3	26.6	919.1	226.5	508.9	9.7	173.9
Chemicals	395.4	159.0	187.4	25.6	23.3	2,198.2	624.9	1,106.0	189.9	277.5
Petroleum	485.0	308.2	164.7	7.7	4.3	1,893.7	1,203.6	552.3	64.5	73.4
Primary metal	255.3	147.6	100.2	3.2	4.6	1,615.6	904.3	454.6	82.7	174.1

[1] Includes payments to governmental units. [2] Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-200, annual.

No. 365. Tornadoes, Floods, and Tropical Cyclones: 1946 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series J 268-278]

ITEM	1946–1955	1956–1965	1966–1975	1975	1976	1977	1978	1979	1980	1981	1982	1983
Tornadoes, number [1]	2,969	6,572	8,030	920	835	852	788	852	866	783	1,046	931
Lives lost, total	1,751	924	1,172	60	44	43	53	84	28	24	64	34
Most in a single tornado	169	44	58	9	5	22	16	42	5	5	10	3
Property loss of $500,000 and over	130	191	428	42	46	46	59	73	92	55	92	95
Floods: Lives lost	808	557	1,528	114	187	212	125	103	97	90	155	200
Property loss (mil. dol.)	3,350	2,721	10,225	1,051	1,000	1,393	1,000	4,000	1,500	1,000	3,500	4,100
North Atlantic tropical cyclones and hurricanes: [2]												
Number reaching U.S. coast	40	33	25	1	2	1	2	5	2	2	1	2
Hurricanes only	21	14	13	1	1	1	–	3	1	–	–	1
Lives lost in U.S.	495	692	504	21	9	–	35	11	2	–	–	22

– Represents zero. [1] A violent, rotating column of air descending from a cumulonimbus cloud in the form of a tubular- or funnel-shaped cloud, usually characterized by movements along a narrow path and wind speeds from 100 to over 300 miles per hour. Also known as a "twister" or "waterspout." [2] Tropical cyclones have maximum winds of 39 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher.

Source: U.S. National Oceanic and Atmospheric Administration, 1946–1980, *Climatological Data: National Summary*, monthly with annual summary; thereafter, *Storm Data*, monthly.

NO. 366. NORMAL DAILY MEAN TEMPERATURE—SELECTED CITIES

[**In Fahrenheit degrees.** Airport data except as noted. Based on standard 30-year period, 1951 through 1980. See *Historical Statistics, Colonial Times to 1970*, series J 110-136 and J 164-267, for related data]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
AL	Mobile	50.8	53.6	60.1	68.0	74.9	80.5	82.2	81.8	78.2	68.5	58.6	53.1	67.5
AK	Juneau	21.8	27.8	31.2	39.1	46.5	52.7	55.7	54.6	49.2	41.8	32.7	26.8	40.0
AZ	Phoenix	52.3	56.1	60.6	68.0	77.0	86.5	92.3	89.9	84.6	73.4	60.6	53.3	71.2
AR	Little Rock	39.9	44.1	52.2	62.4	70.5	78.5	82.1	81.0	74.3	63.1	51.2	43.2	61.9
CA	Los Angeles	56.0	57.1	57.4	59.5	62.4	65.6	69.0	70.3	69.5	66.3	61.2	57.0	62.6
	Sacramento	45.3	50.3	53.2	58.2	64.9	71.2	75.6	74.7	71.7	63.9	53.0	45.6	60.6
	San Francisco	48.5	51.6	52.8	54.8	57.8	60.8	62.2	63.0	63.9	60.6	54.5	49.2	56.6
CO	Denver	29.5	33.6	38.0	47.4	57.2	67.0	73.3	71.4	62.6	51.9	38.7	32.6	50.3
CT	Hartford	25.2	27.6	36.8	48.8	59.4	68.6	73.4	71.3	63.3	52.4	41.6	29.1	49.8
DE	Wilmington	31.2	33.2	41.8	52.4	62.2	71.2	76.0	74.8	67.9	56.3	45.6	35.5	54.0
DC	Washington	35.2	37.5	45.8	56.7	66.0	74.5	78.9	77.6	71.1	59.3	48.7	38.9	57.5
FL	Jacksonville	53.2	55.1	61.3	67.7	74.1	79.0	81.3	81.0	78.2	69.5	60.8	54.8	68.0
	Miami	67.1	67.8	71.7	75.3	78.5	81.0	82.4	82.8	81.8	77.9	72.8	68.5	75.6
GA	Atlanta	41.9	44.9	52.5	61.8	69.3	75.8	78.6	78.2	73.0	62.2	52.0	44.5	61.2
HI	Honolulu	72.6	72.9	74.4	75.7	77.5	79.1	80.1	81.0	80.6	79.5	76.6	74.0	77.0
ID	Boise	29.9	36.1	41.4	48.6	57.4	65.8	74.6	72.0	63.2	51.9	39.7	32.0	51.1
IL	Chicago	21.4	26.0	36.0	48.8	59.1	68.6	73.0	71.9	64.7	53.5	39.8	27.7	49.2
	Peoria	21.5	26.8	37.3	51.3	61.6	71.2	75.0	73.1	65.6	53.9	39.8	27.8	50.4
IN	Indianapolis	26.0	29.9	40.0	52.4	62.5	71.6	75.1	73.2	66.6	54.8	41.8	31.5	52.1
IA	Des Moines	18.6	24.5	35.1	50.5	62.1	71.6	76.3	73.9	65.1	54.2	38.6	25.7	49.7
KS	Wichita	29.6	35.1	44.1	56.3	65.9	76.1	81.4	79.7	70.6	59.1	44.3	34.4	56.4
KY	Louisville	32.5	35.9	45.1	56.6	65.4	73.7	77.6	76.4	69.9	57.7	46.1	37.2	56.2
LA	New Orleans	52.4	54.7	61.4	68.7	74.9	80.3	82.1	81.7	78.5	69.2	60.0	54.6	68.2
ME	Portland	21.5	23.0	32.1	42.8	52.8	62.2	68.1	66.6	58.6	48.4	38.4	25.8	45.0
MD	Baltimore	32.7	34.7	43.3	54.0	63.4	72.2	76.8	75.6	68.9	56.9	46.3	36.5	55.1
MA	Boston	29.6	30.7	38.4	48.7	58.5	68.0	73.5	71.9	64.6	54.8	45.2	33.7	51.5
MI	Detroit	23.4	25.8	35.0	47.4	58.1	67.7	71.9	70.5	63.3	51.9	39.5	28.5	48.6
	Sault Ste. Marie	13.3	14.3	23.9	38.1	49.7	58.4	63.5	62.9	54.8	45.3	32.8	19.7	39.7
MN	Duluth	6.3	12.0	22.9	38.3	50.3	59.4	65.3	63.2	54.0	44.2	28.2	13.8	38.2
	Minneapolis-St. Paul	11.2	17.5	29.2	46.0	58.5	68.1	73.1	70.6	60.6	49.6	33.2	19.2	44.7
MS	Jackson	45.7	49.1	56.3	65.1	72.5	79.2	81.9	81.2	76.4	65.0	54.9	48.6	64.6
MO	Kansas City	25.9	32.1	41.5	54.8	64.6	73.6	78.5	76.7	68.4	57.5	43.1	31.9	54.1
	St. Louis	28.8	33.8	43.2	56.1	65.6	74.8	78.9	77.0	69.7	57.9	44.6	34.2	55.4
MT	Great Falls	18.7	26.7	31.4	42.7	53.2	61.9	69.3	67.5	57.4	47.9	34.0	25.7	44.7
NE	Omaha	20.2	27.2	37.3	52.2	63.3	73.0	77.7	75.2	65.8	54.5	39.5	27.2	51.1
NV	Reno	32.2	37.4	40.6	46.4	54.6	62.4	69.5	66.9	60.2	50.3	39.7	32.5	49.4
NH	Concord	19.9	22.2	32.1	44.1	55.2	64.7	69.5	67.3	59.1	48.2	37.3	24.5	45.3
NJ	Atlantic City	31.8	33.2	41.0	51.0	60.5	69.2	74.4	73.0	66.6	55.5	45.6	35.8	53.1
NM	Albuquerque	34.8	39.4	46.2	55.1	64.3	74.5	78.8	76.1	69.0	57.4	44.0	35.6	56.2
NY	Albany	21.1	23.4	33.6	46.6	57.5	66.7	71.4	69.2	61.2	50.5	39.3	26.5	47.3
	Buffalo	23.5	24.5	33.0	45.4	56.1	66.0	70.7	68.9	62.1	51.5	40.3	28.8	47.6
	New York [1]	31.8	33.4	41.4	52.4	62.5	71.4	76.7	75.4	68.3	57.7	47.2	36.2	54.5
NC	Charlotte	40.5	42.9	50.4	60.3	68.2	75.0	78.5	77.9	72.0	60.7	50.7	42.6	60.0
	Raleigh	39.6	41.6	49.3	59.5	67.2	73.9	77.7	77.0	71.0	59.7	50.0	42.0	59.0
ND	Bismarck	6.7	14.5	26.0	42.5	54.9	64.3	70.4	68.8	57.3	46.1	28.6	15.4	41.3
OH	Cincinnati	30.3	33.5	43.0	54.7	64.3	72.4	76.1	75.0	68.5	56.7	44.6	34.9	54.5
	Cleveland	25.5	27.4	36.6	48.1	58.2	67.6	71.6	70.4	64.1	53.2	41.8	31.1	49.6
	Columbus	27.1	29.8	40.0	51.4	61.4	70.2	73.8	72.4	65.8	53.9	42.1	32.1	51.7
OK	Oklahoma City	35.9	40.8	49.1	60.2	68.4	77.0	82.1	81.1	73.3	62.3	48.8	39.9	59.9
OR	Portland	38.9	43.2	45.9	50.4	56.7	62.5	67.7	67.3	62.7	54.3	45.5	40.9	53.0
PA	Philadelphia	31.2	33.1	41.8	52.9	62.8	71.6	76.5	75.3	68.2	56.5	45.8	35.5	54.3
	Pittsburgh	26.7	28.8	38.5	50.1	59.7	68.1	72.0	70.6	64.1	52.5	41.6	31.4	50.3
RI	Providence	28.2	29.3	37.4	47.9	57.6	66.8	72.5	71.1	63.5	53.2	43.4	32.3	50.3
SC	Columbia	44.7	47.1	54.5	63.8	71.5	77.7	81.0	80.2	74.8	63.4	53.9	46.7	63.3
SD	Sioux Falls	12.4	19.1	30.4	46.3	58.2	68.4	74.0	71.8	61.0	49.4	33.0	19.7	45.3
TN	Memphis	39.6	43.5	51.7	62.6	71.0	78.7	82.1	80.6	74.2	62.9	51.3	43.3	61.8
	Nashville	37.1	40.4	49.0	59.6	68.1	75.8	79.4	78.4	72.3	60.2	48.6	40.9	59.2
TX	Dallas-Fort Worth	44.0	48.5	56.1	65.9	73.7	82.0	86.3	85.5	78.6	67.9	55.6	47.8	66.0
	El Paso	44.2	48.4	55.1	63.6	71.9	80.8	82.5	80.3	74.1	63.6	51.4	44.4	63.4
	Houston	51.4	54.5	61.0	68.7	74.9	80.6	83.1	82.6	78.4	69.7	60.1	54.0	68.3
UT	Salt Lake City	28.6	34.1	40.7	49.2	58.8	68.3	77.5	74.9	65.0	53.0	39.7	30.3	51.7
VT	Burlington	16.6	18.1	29.2	42.7	55.2	64.9	69.6	67.1	58.8	47.9	36.6	22.6	44.1
VA	Norfolk	39.9	41.1	48.5	58.2	66.4	74.3	78.4	77.7	72.2	61.3	51.9	43.5	59.5
	Richmond	36.6	38.9	47.2	57.9	66.1	73.5	77.8	76.8	70.2	58.6	48.9	39.9	57.7
WA	Seattle-Tacoma	39.1	42.8	44.2	48.7	55.0	60.2	64.8	64.1	60.0	52.5	44.8	41.0	51.4
	Spokane	25.7	32.4	37.6	45.8	54.3	61.7	69.7	68.1	59.4	47.6	34.9	29.0	47.2
WV	Charleston	32.9	35.6	44.8	55.3	63.9	71.0	74.5	73.7	67.6	55.9	45.3	36.9	54.8
WI	Milwaukee	18.7	23.0	32.1	44.6	54.8	64.9	70.5	69.3	61.9	50.9	37.3	25.1	46.1
WY	Cheyenne	26.1	29.3	32.1	41.8	52.2	62.0	68.9	66.8	57.9	47.5	34.8	29.3	45.7
PR	San Juan	76.5	76.6	77.5	78.8	80.3	81.7	82.0	82.2	81.9	81.4	79.6	77.7	79.7

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

No. 367. Normal Daily Maximum Temperature—Selected Cities

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
AL	Mobile	60.6	63.9	70.3	78.3	84.9	90.2	91.2	90.7	87.0	79.4	69.3	63.1	77.4
AK	Juneau	27.4	33.7	37.4	46.8	54.7	61.1	64.0	62.6	55.9	47.0	37.5	31.5	46.6
AZ	Phoenix	65.2	69.7	74.5	83.1	92.4	102.3	105.0	102.3	98.2	87.7	74.3	66.4	85.1
AR	Little Rock	49.8	54.5	63.2	73.8	81.7	89.5	92.7	92.3	85.6	75.8	62.4	53.2	72.9
CA	Los Angeles	64.6	65.5	65.1	66.7	69.1	72.0	75.3	76.5	76.4	74.0	70.3	66.1	70.1
	Sacramento	52.6	59.4	64.1	71.0	79.7	87.4	93.3	91.7	87.6	77.7	63.2	53.2	73.4
	San Francisco	55.5	59.0	60.6	63.0	66.3	69.6	71.0	71.8	73.4	70.0	62.7	56.3	64.9
CO	Denver	43.1	46.9	51.2	61.0	70.7	81.6	88.0	85.8	77.5	66.8	52.4	46.1	64.3
CT	Hartford	33.6	36.3	45.5	60.0	71.4	80.1	84.8	82.6	74.8	63.9	50.6	37.3	60.1
DE	Wilmington	39.2	41.8	50.9	63.0	72.7	81.2	85.6	84.1	77.8	66.7	54.8	43.6	63.5
DC	Washington	42.9	45.9	55.0	67.1	75.9	84.0	87.9	86.4	80.1	68.9	57.4	46.6	66.5
FL	Jacksonville	64.6	66.8	73.3	79.7	85.2	88.9	90.7	90.2	86.9	79.7	72.4	66.3	78.7
	Miami	75.0	75.8	79.3	82.4	85.1	87.3	88.7	89.2	87.8	84.2	79.8	76.2	82.6
GA	Atlanta	51.2	55.3	63.2	73.2	79.8	85.6	87.9	87.6	82.3	72.9	62.6	54.1	71.3
HI	Honolulu	79.9	80.4	81.4	82.7	84.8	86.2	87.1	88.3	88.2	86.7	83.9	81.4	84.2
ID	Boise	37.1	44.3	51.8	60.8	70.8	79.8	90.6	87.3	77.6	64.6	49.0	39.3	62.8
IL	Chicago	29.2	33.9	44.3	58.8	70.0	79.4	83.3	82.1	75.5	64.1	48.2	35.0	58.7
	Peoria	29.7	35.2	46.5	61.9	72.5	82.1	85.5	83.4	76.7	64.8	48.5	35.4	60.2
IN	Indianapolis	34.2	38.5	49.3	63.1	73.4	82.3	85.2	83.7	77.9	66.1	50.8	39.2	62.0
IA	Des Moines	27.0	33.2	44.2	61.0	72.6	81.8	86.2	84.0	75.7	65.0	47.6	33.7	59.3
KS	Wichita	39.8	46.1	55.8	68.1	77.1	87.4	92.9	91.5	82.0	71.2	55.1	44.6	67.6
KY	Louisville	40.8	45.0	54.9	67.5	76.2	84.0	87.6	86.7	80.6	69.2	55.5	45.4	66.1
LA	New Orleans	61.8	64.6	71.2	78.6	84.5	89.5	90.7	90.2	86.8	79.4	70.1	64.4	77.7
ME	Portland	31.0	33.1	40.5	52.5	63.4	72.8	78.9	77.5	69.6	59.0	47.1	34.9	55.0
MD	Baltimore	41.0	43.7	53.1	65.1	74.2	82.9	87.1	85.5	79.1	67.7	55.9	45.1	65.0
MA	Boston	36.4	37.7	45.0	56.6	67.0	76.6	81.8	79.8	72.3	62.5	51.6	40.3	59.0
MI	Detroit	30.6	33.5	43.4	57.7	69.4	79.0	83.1	81.5	74.4	62.5	47.6	35.4	58.2
	Sault Ste. Marie	21.2	23.1	32.2	47.1	61.0	70.1	75.1	73.4	64.2	53.6	39.0	26.6	48.9
MN	Duluth	15.5	21.7	31.9	47.6	61.3	70.5	76.4	73.6	63.6	53.0	35.2	21.8	47.7
	Minneapolis-St. Paul	19.9	25.4	37.5	56.0	69.4	78.5	83.4	80.9	71.0	59.7	41.1	26.7	54.2
MS	Jackson	56.5	60.9	68.4	77.3	84.1	90.5	92.5	92.1	87.6	78.6	67.5	60.0	76.3
MO	Kansas City	34.5	41.1	51.3	65.1	74.6	83.3	88.5	86.8	78.6	67.9	52.1	40.1	63.7
	St. Louis	37.6	43.1	53.4	67.1	76.4	85.2	89.0	87.4	80.7	69.1	54.0	42.6	65.5
MT	Great Falls	28.2	36.5	41.7	54.0	65.3	74.3	84.2	82.0	70.5	59.5	43.5	34.7	56.2
NE	Omaha	30.2	37.3	47.7	64.0	74.7	84.2	88.5	86.2	77.5	67.0	50.3	36.9	62.0
NV	Reno	44.8	51.1	55.8	63.3	72.3	81.8	91.3	88.7	81.4	70.0	55.6	46.2	66.9
NH	Concord	30.8	33.2	41.9	56.5	68.9	77.7	82.6	80.1	71.9	61.0	47.2	34.4	57.2
NJ	Atlantic City	40.6	42.4	50.3	61.6	71.0	79.6	84.0	82.5	76.7	66.1	55.4	45.0	62.9
NM	Albuquerque	47.2	52.9	60.7	70.6	79.9	90.6	92.8	89.4	83.0	71.7	57.2	48.0	70.3
NY	Albany	30.2	32.7	42.5	57.6	69.5	78.3	83.2	80.7	72.8	61.5	47.8	34.6	57.6
	Buffalo	30.0	31.4	40.4	54.4	65.9	75.6	80.2	78.2	71.4	60.2	47.0	35.0	55.8
	New York [1]	38.0	40.1	48.6	61.1	71.5	80.1	85.3	83.7	76.4	65.6	53.6	42.1	62.2
NC	Charlotte	50.3	53.6	61.6	72.1	79.1	85.2	88.3	87.6	81.7	71.7	61.7	52.6	70.5
	Raleigh	50.1	52.8	61.0	72.3	79.0	85.2	88.2	87.1	81.6	71.6	61.8	52.7	70.3
ND	Bismarck	17.5	25.2	36.4	54.2	67.7	76.8	84.4	83.3	71.4	59.3	39.4	25.9	53.5
OH	Cincinnati	38.0	42.0	52.3	65.2	75.0	82.9	86.3	85.7	79.4	67.4	52.8	42.2	64.1
	Cleveland	32.5	34.8	44.8	57.9	68.5	78.0	81.7	80.3	74.2	62.7	49.3	37.5	58.5
	Columbus	34.7	38.1	49.3	62.3	72.6	81.3	84.4	83.0	76.9	65.0	50.7	39.4	61.5
OK	Oklahoma City	46.6	52.2	61.0	71.7	79.0	87.6	93.5	92.8	84.7	74.3	59.9	50.7	71.2
OR	Portland	44.3	50.4	54.5	60.2	66.9	72.7	79.5	78.6	74.2	63.9	52.3	46.4	62.0
PA	Philadelphia	38.6	41.1	50.5	63.2	73.0	81.7	86.1	84.6	77.8	66.5	54.5	43.0	63.4
	Pittsburgh	34.1	36.8	47.6	60.7	70.8	79.1	82.7	81.1	74.8	62.9	49.8	38.4	59.9
RI	Providence	36.4	37.7	45.5	57.5	67.6	76.6	81.7	80.3	73.1	63.2	51.9	40.5	59.3
SC	Columbia	56.2	59.5	67.1	77.0	83.8	89.2	91.9	91.0	85.5	76.5	67.1	58.8	75.3
SD	Sioux Falls	22.9	29.3	40.1	58.1	70.5	80.3	86.2	83.9	73.5	62.1	43.7	29.3	56.7
TN	Memphis	48.3	53.0	61.4	72.9	81.0	88.4	91.5	90.3	84.3	74.5	61.4	52.3	71.6
	Nashville	46.3	50.7	59.6	71.2	79.2	86.7	89.8	89.0	83.2	72.3	59.2	50.4	69.8
TX	Dallas-Fort Worth	54.0	59.1	67.2	76.8	84.4	93.2	97.8	97.3	89.7	79.5	66.2	58.1	76.9
	El Paso	57.9	62.7	69.6	78.7	87.1	95.9	95.3	93.0	87.5	78.5	65.7	58.2	77.5
	Houston	61.9	65.7	72.1	79.0	85.1	90.9	93.6	93.1	88.7	81.9	71.6	65.2	79.1
UT	Salt Lake City	37.4	43.7	51.5	61.1	72.4	83.3	93.2	90.0	80.0	66.7	50.2	38.9	64.0
VT	Burlington	25.4	27.3	37.7	52.6	66.4	75.9	80.5	77.6	68.8	57.0	43.6	30.3	53.6
VA	Norfolk	48.1	49.9	57.5	68.2	75.7	83.2	86.9	85.7	80.2	69.8	60.8	51.9	68.2
	Richmond	46.7	49.6	58.5	70.6	77.9	84.8	88.4	87.1	81.0	70.5	60.5	50.2	68.8
WA	Seattle-Tacoma	43.9	48.8	51.1	56.8	64.0	69.2	75.2	73.9	68.7	59.5	50.3	45.6	58.9
	Spokane	31.3	39.0	46.2	56.7	66.1	74.0	84.0	81.7	72.4	58.3	41.4	34.2	57.1
WV	Charleston	41.8	45.4	55.4	67.3	76.0	82.5	85.2	84.2	78.7	67.7	55.6	45.9	65.5
WI	Milwaukee	26.0	30.1	39.2	53.5	64.8	75.0	79.8	78.4	71.2	59.9	44.7	32.0	54.6
WY	Cheyenne	37.3	40.7	43.6	54.0	64.6	75.4	83.1	80.8	72.1	61.0	46.5	40.4	58.3
PR	San Juan	82.7	83.2	84.2	85.2	86.7	88.0	87.9	88.2	88.2	87.9	85.7	83.6	86.0

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

NO. 368. NORMAL DAILY MINIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
AL	Mobile	40.9	43.2	49.8	57.7	64.8	70.8	73.2	72.9	69.3	57.5	47.9	42.9	57.6
AK	Juneau	16.1	21.9	25.0	31.3	38.1	44.2	47.4	46.6	42.3	36.5	28.0	22.1	33.3
AZ	Phoenix	39.4	42.5	46.7	53.0	61.5	70.6	79.5	77.5	70.9	59.1	46.9	40.2	57.3
AR	Little Rock	29.9	33.6	41.2	50.9	59.2	67.5	71.4	69.6	63.0	50.4	40.0	33.2	50.8
CA	Los Angeles	47.3	48.6	49.7	52.2	55.7	59.1	62.6	64.0	62.5	58.5	52.1	47.8	55.0
	Sacramento	37.9	41.2	42.4	45.3	50.1	55.1	57.9	57.6	55.8	50.0	42.8	37.9	47.8
	San Francisco	41.5	44.1	44.9	46.6	49.3	52.0	53.3	54.2	54.3	51.2	46.3	42.2	48.3
CO	Denver	15.9	20.2	24.7	33.7	43.6	52.4	58.7	57.0	47.7	36.9	25.1	18.9	36.2
CT	Hartford	16.7	18.8	28.0	37.6	47.3	57.0	61.9	60.0	51.7	40.9	32.5	20.9	39.5
DE	Wilmington	23.2	24.6	32.6	41.8	51.7	61.2	66.3	65.4	58.0	45.9	36.4	27.3	44.5
DC	Washington	27.5	29.0	36.6	46.2	56.1	65.0	69.9	68.7	62.0	49.7	39.9	31.2	48.5
FL	Jacksonville	41.7	43.3	49.3	55.7	63.0	69.1	71.8	71.8	69.4	59.2	49.2	43.2	57.2
	Miami	59.2	59.7	64.1	68.2	71.9	74.6	76.2	76.5	75.7	71.6	65.8	60.8	68.7
GA	Atlanta	32.6	34.5	41.7	50.4	58.7	65.9	69.2	68.7	63.6	51.4	41.3	34.8	51.1
HI	Honolulu	65.3	65.3	67.3	68.7	70.2	71.9	73.1	73.6	72.9	72.2	69.2	66.5	69.7
ID	Boise	22.6	27.9	30.9	36.4	44.0	51.8	58.5	56.7	48.7	39.1	30.5	24.6	39.3
IL	Chicago	13.6	18.1	27.6	38.8	48.1	57.7	62.7	61.7	53.9	42.9	31.4	20.3	39.7
	Peoria	13.3	18.4	28.1	40.6	50.6	60.2	64.6	62.7	54.5	42.9	30.9	20.2	40.6
IN	Indianapolis	17.8	21.1	30.7	41.7	51.5	60.9	64.9	62.7	55.3	43.4	32.8	23.7	42.2
IA	Des Moines	10.1	15.8	26.0	39.9	51.6	61.4	66.3	63.7	54.4	43.3	29.5	17.6	40.0
KS	Wichita	19.4	24.1	32.4	44.5	54.6	64.7	69.8	67.9	59.2	46.9	33.5	24.2	45.1
KY	Louisville	24.1	26.8	35.2	45.6	54.6	63.3	67.5	66.1	59.1	46.2	36.6	28.9	46.2
LA	New Orleans	43.0	44.8	51.6	58.8	65.3	70.9	73.5	73.1	70.1	59.0	49.9	44.8	58.7
ME	Portland	11.9	12.9	23.7	33.0	42.1	51.4	57.3	55.8	47.7	37.9	29.6	16.7	35.0
MD	Baltimore	24.3	25.7	33.4	42.9	52.5	61.5	66.5	65.7	58.6	46.1	36.6	27.9	45.1
MA	Boston	22.8	23.7	31.8	40.8	50.0	59.3	65.1	63.9	56.9	47.1	38.7	27.1	43.9
MI	Detroit	16.1	18.0	26.5	36.9	46.7	56.3	60.7	59.4	52.2	41.2	31.4	21.6	38.9
	Sault Ste. Marie	5.4	5.3	15.4	29.0	38.3	46.7	51.9	52.4	45.3	36.9	26.4	12.7	30.5
MN	Duluth	−2.9	2.2	13.9	28.9	39.3	48.2	54.3	52.8	44.3	35.4	21.2	5.8	28.6
	Minneapolis-St. Paul	2.4	8.5	20.8	36.0	47.6	57.7	62.7	60.3	50.2	39.4	25.3	11.7	35.2
MS	Jackson	34.9	37.2	44.2	52.9	60.8	67.9	71.3	70.2	65.1	51.4	42.3	37.1	52.9
MO	Kansas City	17.2	23.0	31.7	44.4	54.6	63.8	68.5	66.5	58.1	47.0	34.0	23.7	44.4
	St. Louis	19.9	24.5	33.0	45.1	54.7	64.3	68.8	66.6	58.6	46.7	35.1	25.7	45.3
MT	Great Falls	9.2	16.8	21.1	31.3	41.1	49.4	54.4	53.0	44.2	36.2	24.5	16.6	33.2
NE	Omaha	10.2	17.1	26.9	40.3	51.8	61.7	66.8	64.2	54.0	42.0	28.6	17.4	40.1
NV	Reno	19.5	23.5	25.4	29.4	36.9	43.0	47.7	45.2	38.9	30.5	23.8	18.9	31.9
NH	Concord	9.0	11.0	22.2	31.6	41.4	51.6	56.4	54.5	46.2	35.5	27.3	14.5	33.4
NJ	Atlantic City	22.9	23.9	31.6	40.4	49.9	58.8	64.8	63.5	56.4	44.8	35.8	26.6	43.3
NM	Albuquerque	22.3	25.9	31.7	39.5	48.6	58.4	64.7	62.8	54.9	43.1	30.7	23.2	42.1
NY	Albany	11.9	14.0	24.6	35.5	45.4	55.0	59.6	57.6	49.6	39.4	30.8	18.2	36.8
	Buffalo	17.0	17.5	25.6	36.3	46.3	56.4	61.2	59.6	52.7	42.7	33.6	22.5	39.3
	New York [1]	25.6	26.6	34.1	43.8	53.3	62.7	68.2	67.1	60.1	49.9	40.8	30.3	46.9
NC	Charlotte	30.7	32.1	39.1	48.4	57.2	64.7	68.7	68.2	62.3	49.6	39.7	32.6	49.4
	Raleigh	29.1	30.3	37.7	46.5	55.3	62.6	67.1	66.8	60.4	47.7	38.1	31.2	47.7
ND	Bismarck	−4.2	3.7	15.6	30.8	42.0	51.8	56.4	54.2	43.2	32.8	17.7	4.8	29.1
OH	Cincinnati	22.5	25.0	33.7	44.2	53.6	61.9	65.9	64.4	57.7	46.0	36.3	27.5	44.9
	Cleveland	18.5	19.9	28.4	38.3	47.9	57.2	61.4	60.5	54.0	43.6	34.3	24.6	40.7
	Columbus	19.4	21.5	30.6	40.5	50.2	59.0	63.2	61.7	54.6	42.8	33.5	24.7	41.8
OK	Oklahoma City	25.2	29.4	37.1	48.6	57.7	66.3	70.6	69.4	61.9	50.2	37.6	29.1	48.6
OR	Portland	33.5	36.0	37.4	40.6	46.4	52.2	55.8	55.8	51.1	44.6	38.6	35.4	44.0
PA	Philadelphia	23.8	25.0	33.1	42.6	52.5	61.5	66.8	66.0	58.6	46.5	37.1	28.0	45.1
	Pittsburgh	19.2	20.7	29.4	39.4	48.5	57.1	61.3	60.1	53.3	42.1	33.3	24.3	40.7
RI	Providence	20.0	20.9	29.2	38.3	47.6	57.0	63.3	61.9	53.8	43.1	34.8	24.1	41.2
SC	Columbia	33.2	34.6	41.9	50.5	59.1	66.1	70.1	69.4	63.9	50.3	40.6	34.7	51.2
SD	Sioux Falls	1.9	8.9	20.6	34.6	45.7	56.3	61.8	59.7	48.5	36.7	22.3	10.1	33.9
TN	Memphis	30.9	34.1	41.9	52.2	60.9	68.9	72.6	70.8	64.1	51.3	41.1	34.3	51.9
	Nashville	27.8	30.1	38.3	48.1	56.9	64.8	69.0	67.8	61.3	48.0	38.0	31.3	48.5
TX	Dallas-Fort Worth	33.9	37.8	44.9	55.0	62.9	70.8	74.7	73.7	67.5	56.3	44.9	37.4	55.0
	El Paso	30.4	34.1	40.5	48.5	56.6	65.7	69.6	67.5	60.6	48.7	37.0	30.6	49.2
	Houston	40.8	43.2	49.8	58.3	64.7	70.2	72.5	72.1	68.1	57.5	48.6	42.7	57.4
UT	Salt Lake City	19.7	24.4	29.9	37.2	45.2	53.3	61.8	59.7	50.0	39.3	29.2	21.6	39.3
VT	Burlington	7.7	8.8	20.8	32.7	44.0	54.0	58.6	56.6	48.7	38.7	29.6	14.9	34.6
VA	Norfolk	31.7	32.3	39.4	48.1	57.2	65.3	69.9	69.6	64.2	52.8	43.0	35.0	50.7
	Richmond	26.5	28.1	35.8	45.1	54.2	62.2	67.2	66.4	59.3	46.7	37.3	29.6	46.5
WA	Seattle-Tacoma	34.3	36.8	37.2	40.5	46.0	51.1	54.3	54.3	51.2	45.3	39.3	36.3	43.9
	Spokane	20.0	25.7	29.0	34.9	42.5	49.3	55.3	54.3	46.5	36.7	28.5	23.7	37.2
WV	Charleston	23.9	25.8	34.1	43.3	51.8	59.4	63.8	63.1	56.4	44.0	35.0	27.8	44.0
WI	Milwaukee	11.3	15.8	24.9	35.6	44.7	54.7	61.1	60.2	52.5	41.9	29.9	18.2	37.6
WY	Cheyenne	14.8	17.9	20.6	29.6	39.7	48.5	54.6	52.8	43.7	34.0	23.1	18.2	33.1
PR	San Juan	70.3	70.0	70.8	72.3	73.9	75.3	76.1	76.1	75.5	74.9	73.4	71.8	73.4

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

No. 369. Highest Temperature of Record—Selected Cities

[**In Fahrenheit degrees.** Airport data unless otherwise noted. For period of record through 1984]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	43	84	82	90	92	100	102	104	102	99	93	87	81	104
AK	Juneau	41	57	55	59	71	82	86	90	83	72	61	56	54	90
AZ	Phoenix	47	88	89	95	104	113	117	118	116	118	107	93	88	118
AR	Little Rock	43	83	84	91	92	98	104	109	108	106	97	86	80	109
CA	Los Angeles	49	88	92	93	95	97	104	97	98	110	106	101	94	110
	Sacramento	34	70	76	86	92	105	115	114	108	108	101	87	72	115
	San Francisco	57	72	78	85	92	97	106	104	98	103	97	85	75	106
CO	Denver	50	73	76	84	85	96	104	104	101	97	88	79	75	104
CT	Hartford	30	65	70	87	96	97	100	102	101	97	91	81	74	102
DE	Wilmington	37	75	74	86	91	95	99	102	101	100	91	85	74	102
DC	Washington	43	79	82	89	95	97	101	103	101	101	94	86	75	103
FL	Jacksonville	43	85	88	91	95	100	103	105	102	100	96	88	84	105
	Miami	42	88	89	92	96	94	98	98	98	95	95	89	87	98
GA	Atlanta	36	79	79	85	91	95	101	105	102	98	95	84	77	105
HI	Honolulu	15	87	88	88	89	90	91	91	93	93	94	90	89	94
ID	Boise	45	63	69	81	92	98	109	111	110	102	91	73	65	111
IL	Chicago	26	61	71	87	91	93	99	102	99	99	91	78	71	102
	Peoria	45	68	72	82	89	92	100	103	101	100	90	81	71	103
IN	Indianapolis	45	71	74	85	89	93	102	104	100	100	90	81	74	104
IA	Des Moines	45	62	73	84	93	98	101	105	108	101	95	76	69	108
KS	Wichita	32	75	84	89	96	100	110	113	110	105	95	85	83	113
KY	Louisville	37	77	77	86	91	95	102	105	101	104	92	84	76	105
LA	New Orleans	38	83	85	89	91	96	100	101	102	101	92	86	84	102
ME	Portland	44	64	64	86	85	92	97	99	103	95	88	74	69	103
MD	Baltimore	34	75	76	87	94	98	100	102	105	100	92	83	77	105
MA	Boston	33	63	68	81	94	95	100	102	102	100	90	77	73	102
MI	Detroit	26	62	65	77	89	92	99	102	97	98	91	77	68	102
	Sault Ste. Marie	49	45	47	75	83	89	93	97	98	95	80	66	60	98
MN	Duluth	43	52	55	78	88	90	93	97	97	95	86	70	55	97
	Minneapolis-St. Paul	46	58	60	83	95	96	100	104	102	98	89	75	63	104
MS	Jackson	21	82	84	89	92	99	103	106	102	104	92	88	84	106
MO	Kansas City	12	68	76	82	90	91	105	107	109	98	92	82	70	109
	St. Louis	27	76	85	88	92	92	98	107	107	104	94	82	76	107
MT	Great Falls	47	62	67	78	89	93	99	105	106	98	91	76	69	106
NE	Omaha	48	69	78	89	93	99	105	114	110	104	96	80	72	114
NV	Reno	43	70	74	83	89	95	101	104	105	101	91	77	70	105
NH	Concord	43	68	66	85	95	97	98	102	101	98	90	80	68	102
NJ	Atlantic City	41	78	73	87	94	99	106	104	102	99	90	84	75	106
NM	Albuquerque	45	69	75	85	89	98	105	105	101	100	91	77	72	105
NY	Albany	38	62	67	85	92	94	99	100	99	100	89	82	71	100
	Buffalo	41	72	65	81	87	90	95	94	99	98	87	80	74	99
	New York [1]	116	72	75	86	96	99	101	106	104	102	94	84	72	106
NC	Charlotte	45	78	81	90	93	100	103	103	103	104	98	85	77	104
	Raleigh	40	79	84	92	95	97	104	105	101	104	98	88	79	105
ND	Bismarck	45	62	68	81	93	98	100	109	109	105	95	75	65	109
OH	Cincinnati	23	69	73	83	89	93	97	101	102	98	88	80	75	102
	Cleveland	43	73	69	83	88	92	101	103	102	101	90	82	77	103
	Columbus	45	74	73	85	89	94	102	100	101	100	90	80	76	102
OK	Oklahoma City	31	79	84	93	100	96	105	108	110	102	96	87	86	110
OR	Portland	44	62	70	80	87	100	100	107	107	101	90	73	64	107
PA	Philadelphia	43	74	74	87	94	96	100	104	101	100	96	81	72	104
	Pittsburgh	32	68	69	80	87	91	96	99	97	97	87	82	74	99
RI	Providence	31	66	72	78	98	94	96	100	104	100	86	78	70	104
SC	Columbia	37	84	84	91	94	101	107	107	107	101	101	90	83	107
SD	Sioux Falls	39	66	70	87	94	100	101	108	108	104	94	76	61	108
TN	Memphis	43	78	81	85	91	99	104	108	105	103	95	85	81	108
	Nashville	45	78	84	86	90	97	106	107	104	105	94	84	79	107
TX	Dallas-Fort Worth	31	88	88	96	95	99	113	110	108	105	102	89	88	113
	El Paso	45	80	83	88	98	104	111	112	108	104	96	87	80	112
	Houston	15	84	85	90	92	95	103	104	107	100	94	89	83	107
UT	Salt Lake City	56	62	69	78	85	93	104	107	104	100	89	75	67	107
VT	Burlington	41	63	62	84	91	93	96	99	101	94	85	75	65	101
VA	Norfolk	36	78	81	85	97	97	101	103	104	99	95	86	80	104
	Richmond	55	80	83	93	96	100	104	105	102	103	99	86	80	105
WA	Seattle	40	64	70	72	85	93	96	98	99	94	82	74	63	99
	Spokane	37	59	61	71	90	94	100	103	108	96	86	67	56	108
WV	Charleston	37	79	78	87	91	93	98	102	100	102	92	85	80	102
WI	Milwaukee	44	62	65	81	91	92	99	101	100	98	89	77	63	101
WY	Cheyenne	49	66	71	73	82	90	100	100	96	93	83	73	69	100
PR	San Juan	30	92	96	96	97	96	97	95	97	97	98	96	91	98

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 370. Lowest Temperature of Record—Selected Cities

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1984]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	43	7	11	21	36	43	49	60	59	42	32	22	8	7
AK	Juneau	41	−22	−22	−15	6	25	31	36	27	23	11	−5	−21	−22
AZ	Phoenix	47	17	22	25	32	40	50	61	60	47	34	25	22	17
AR	Little Rock	43	−4	−5	11	28	40	46	54	52	37	30	17	−1	−5
CA	Los Angeles	49	23	32	34	39	43	48	49	51	47	41	34	32	23
	Sacramento	34	23	26	26	32	36	41	48	49	43	36	26	20	20
	San Francisco	57	24	25	30	31	36	41	43	42	38	34	25	20	20
CO	Denver	50	−25	−30	−11	−2	22	30	43	41	20	3	−8	−21	−30
CT	Hartford	30	−26	−21	−6	9	28	37	44	36	30	17	12	−14	−26
DE	Wilmington	37	−14	−6	2	18	30	41	50	43	36	24	14	−7	−14
DC	Washington	43	−5	4	11	24	34	47	55	51	39	29	16	1	−5
FL	Jacksonville	43	13	19	23	35	45	47	61	63	48	36	21	11	11
	Miami	42	31	32	32	46	53	60	69	68	68	51	39	33	31
GA	Atlanta	36	−5	5	10	26	37	46	53	56	36	26	3	0	−5
HI	Honolulu	15	53	53	55	59	62	65	67	67	66	64	58	54	53
ID	Boise	45	−17	−12	6	19	22	31	40	37	23	11	−3	−23	−23
IL	Chicago	26	−26	−17	−8	7	24	36	40	41	28	17	1	−25	−26
	Peoria	45	−25	−18	−10	14	25	39	47	43	26	19	−2	−18	−25
IN	Indianapolis	45	−21	−21	−7	16	28	39	44	41	28	17	−2	−17	−21
IA	Des Moines	45	−24	−20	−22	9	30	38	47	40	26	14	−3	−19	−24
KS	Wichita	32	−12	−21	−2	15	31	43	51	48	31	21	1	−10	−21
KY	Louisville	37	−20	−19	−1	22	31	42	50	49	33	23	−1	−9	−20
LA	New Orleans	38	14	19	25	32	41	50	60	60	42	35	24	14	14
ME	Portland	44	−26	−39	−21	8	23	33	40	33	23	15	5	−21	−39
MD	Baltimore	34	−7	−3	6	20	32	40	51	48	35	25	13	0	−7
MA	Boston	33	−12	−4	6	16	34	45	54	47	38	28	17	−7	−12
MI	Detroit	26	−21	−12	−4	10	25	36	41	38	29	17	9	−10	−21
	Sault Ste. Marie	44	−36	−35	−24	−2	18	26	36	29	25	16	−10	−25	−36
MN	Duluth	43	−39	−32	−28	−5	17	27	36	33	22	8	−23	−34	−39
	Minneapolis-St. Paul	46	−34	−28	−32	2	18	34	43	39	26	15	−17	−29	−34
MS	Jackson	21	3	11	15	30	38	47	51	55	35	30	17	7	3
MO	Kansas City	12	−17	−19	−10	12	30	43	52	50	33	21	1	−21	−21
	St. Louis	27	−15	−10	−5	22	31	43	51	47	36	23	1	−13	−15
MT	Great Falls	47	−37	−35	−29	−6	15	31	40	35	23	−9	−23	−43	−43
NE	Omaha	48	−23	−21	−16	5	27	38	44	43	25	13	−9	−21	−23
NV	Reno	43	−16	−12	−2	13	18	25	33	24	20	8	1	−16	−16
NH	Concord	43	−33	−37	−16	8	21	30	35	29	21	10	−1	−22	−37
NJ	Atlantic City	41	−10	−11	5	12	25	37	46	40	32	23	11	−7	−11
NM	Albuquerque	45	−17	−5	8	19	28	40	54	52	37	25	−7	3	−17
NY	Albany	38	−28	−21	−21	10	28	36	40	34	24	16	5	−22	−28
	Buffalo	41	−16	−20	−7	12	26	35	43	38	32	20	9	−10	−20
	New York [1]	116	−6	−15	3	12	32	44	52	50	39	28	5	−13	−15
NC	Charlotte	45	−3	5	4	24	32	45	53	53	39	24	11	2	−3
	Raleigh	40	−1	5	11	23	31	38	48	46	37	19	11	4	−1
ND	Bismarck	45	−44	−39	−31	−12	15	30	35	33	11	5	−29	−43	−44
OH	Cincinnati	23	−25	−11	−11	17	27	39	47	43	33	16	1	−12	−25
	Cleveland	43	−19	−15	−5	10	25	31	41	38	32	22	3	−11	−19
	Columbus	45	−19	−13	−6	14	25	36	43	39	31	20	5	−12	−19
OK	Oklahoma City	31	−4	−3	3	20	37	47	53	51	37	22	11	−3	−4
OR	Portland	44	−2	−3	19	29	29	39	43	44	34	26	13	6	−3
PA	Philadelphia	43	−7	−4	7	19	28	44	51	45	35	25	15	1	−7
	Pittsburgh	32	−18	−12	−1	14	26	34	42	39	31	16	−1	−12	−18
RI	Providence	31	−13	−7	1	14	29	41	49	40	33	20	14	−10	−13
SC	Columbia	37	5	5	4	26	34	44	54	53	40	23	12	4	4
SD	Sioux Falls	39	−36	−31	−23	5	17	33	38	34	22	9	−17	−26	−36
TN	Memphis	43	−4	−11	12	29	38	48	52	48	36	25	9	−13	−13
	Nashville	45	−15	−13	2	23	34	42	51	47	36	26	−1	−7	−15
TX	Dallas-Fort Worth	31	4	9	15	30	41	51	59	56	43	29	20	5	4
	El Paso	45	−8	8	14	23	31	48	57	56	41	25	1	5	−8
	Houston	15	12	20	22	31	44	52	62	62	48	33	19	11	11
UT	Salt Lake City	56	−22	−30	2	14	25	35	40	37	27	16	−14	−21	−30
VT	Burlington	41	−30	−30	−20	2	24	33	39	35	25	15	−2	−26	−30
VA	Norfolk	36	5	8	18	28	36	45	54	49	45	27	20	7	5
	Richmond	55	−12	−10	11	25	31	40	51	46	35	21	10	−1	−12
WA	Seattle	40	0	1	11	29	28	38	43	44	35	28	6	6	0
	Spokane	37	−22	−17	−3	17	24	33	37	35	25	11	−11	−25	−25
WV	Charleston	37	−13	−6	0	19	26	33	46	41	34	17	6	−10	−13
WI	Milwaukee	44	−26	−19	−10	12	21	33	40	44	28	18	−5	−20	−26
WY	Cheyenne	49	−29	−34	−21	−8	16	25	36	36	17	2	−14	−28	−34
PR	San Juan	30	61	62	60	64	66	69	69	70	69	67	66	63	60

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 371. NORMAL MONTHLY AND ANNUAL PRECIPITATION—SELECTED CITIES

[In inches. Airport data except as noted. Based on standard 30-year period, 1951 through 1980. See *Historical Statistics, Colonial Times to 1970*, series J 164-267, for related data]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	4.59	4.91	6.48	5.35	5.46	5.07	7.74	6.75	6.56	2.62	3.67	5.44	64.64
AK	Juneau	3.69	3.74	3.34	2.92	3.41	2.98	4.13	5.02	6.40	7.71	5.15	4.66	53.15
AZ	Phoenix	.73	.59	.81	.27	.14	.17	.74	1.02	.64	.63	.54	.83	7.11
AR	Little Rock	3.91	3.83	4.69	5.41	5.29	3.67	3.63	3.07	4.26	2.84	4.37	4.23	49.20
CA	Los Angeles	3.06	2.49	1.76	.93	.14	.04	.01	.10	.15	.26	1.52	1.62	12.08
	Sacramento	4.03	2.88	2.06	1.31	.33	.11	.05	.07	.27	.86	2.23	2.90	17.10
	San Francisco	4.65	3.23	2.64	1.53	.32	.11	.03	.05	.19	1.06	2.35	3.55	19.71
CO	Denver	.51	.69	1.21	1.81	2.47	1.58	1.93	1.53	1.23	.98	.82	.55	15.31
CT	Hartford	3.53	3.19	4.15	4.02	3.37	3.38	3.09	4.00	3.94	3.51	4.05	4.16	44.39
DE	Wilmington	3.11	2.99	3.87	3.39	3.23	3.51	3.90	4.03	3.59	2.89	3.33	3.54	41.38
DC	Washington	2.76	2.62	3.46	2.93	3.48	3.35	3.88	4.40	3.22	2.90	2.82	3.18	39.00
FL	Jacksonville	3.07	3.48	3.72	3.32	4.91	5.37	6.54	7.15	7.26	3.41	1.94	2.59	52.77
	Miami	2.08	2.05	1.89	3.07	6.53	9.15	5.98	7.02	8.07	7.14	2.71	1.86	57.55
GA	Atlanta	4.91	4.43	5.91	4.43	4.02	3.41	4.73	3.41	3.17	2.53	3.43	4.23	48.61
HI	Honolulu	3.79	2.72	3.48	1.49	1.21	.49	.54	.60	.62	1.88	3.22	3.43	23.47
ID	Boise	1.64	1.07	1.03	1.19	1.21	.95	.26	.40	.58	.75	1.29	1.34	11.71
IL	Chicago	1.60	1.31	2.59	3.66	3.15	4.08	3.63	3.53	3.35	2.28	2.06	2.10	33.34
	Peoria	1.60	1.41	2.86	3.81	3.84	3.88	3.99	3.39	3.63	2.51	1.96	2.01	34.89
IN	Indianapolis	2.65	2.46	3.61	3.68	3.66	3.99	4.32	3.46	2.74	2.51	3.04	3.00	39.12
IA	Des Moines	1.01	1.12	2.20	3.21	3.96	4.18	3.22	4.11	3.09	2.16	1.52	1.05	30.83
KS	Wichita	.68	.85	2.01	2.30	3.91	4.06	3.62	2.80	3.45	2.47	1.47	.99	28.61
KY	Louisville	3.38	3.23	4.73	4.11	4.15	3.60	4.10	3.31	3.35	2.63	3.49	3.48	43.56
LA	New Orleans	4.97	5.23	4.73	4.50	5.07	4.63	6.73	6.02	5.87	2.66	4.06	5.27	59.74
ME	Portland	3.78	3.57	3.98	3.90	3.27	3.06	2.83	2.82	3.27	3.83	4.70	4.51	43.52
MD	Baltimore	3.00	2.98	3.72	3.35	3.44	3.76	3.89	4.62	3.46	3.11	3.11	3.40	41.84
MA	Boston	3.99	3.70	4.13	3.73	3.52	2.92	2.68	3.66	3.41	3.36	4.21	4.48	43.81
MI	Detroit	1.86	1.69	2.54	3.15	2.77	3.43	3.10	3.21	2.25	2.12	2.33	2.52	30.97
	Sault Ste. Marie	2.20	1.69	2.03	2.38	2.90	3.26	3.00	3.46	3.90	2.89	3.20	2.57	33.48
MN	Duluth	1.20	.90	1.78	2.16	3.15	3.96	3.96	4.12	3.26	2.21	1.69	1.29	29.68
	Minneapolis-St. Paul	.82	.85	1.71	2.05	3.20	4.07	3.51	3.64	2.50	1.85	1.29	.87	26.36
MS	Jackson	5.00	4.48	5.86	5.85	4.83	2.94	4.40	3.71	3.55	2.62	4.18	5.40	52.82
MO	Kansas City	1.08	1.19	2.41	3.23	4.42	4.66	4.35	3.57	4.14	3.10	1.63	1.38	35.17
	St. Louis	1.72	2.14	3.28	3.55	3.54	3.73	3.63	2.55	2.70	2.32	2.53	2.22	33.91
MT	Great Falls	1.00	.75	.93	1.49	2.52	2.75	1.10	1.31	1.03	.82	.74	.80	15.24
NE	Omaha	.77	.91	1.91	2.94	4.33	4.08	3.62	4.10	3.50	2.09	1.32	.77	30.34
NV	Reno	1.24	.95	.74	.46	.74	.34	.30	.27	.30	.34	.60	1.21	7.49
NH	Concord	2.78	2.47	2.93	3.01	2.93	2.91	2.93	3.26	3.12	3.10	3.66	3.43	36.53
NJ	Atlantic City	3.47	3.34	4.04	3.20	3.07	2.78	4.02	4.72	2.89	3.06	3.73	3.61	41.93
NM	Albuquerque	.41	.40	.52	.40	.46	.51	1.30	1.51	.85	.86	.38	.52	8.12
NY	Albany	2.39	2.26	3.01	2.94	3.31	3.29	3.00	3.34	3.23	2.93	3.04	3.00	35.74
	Buffalo	3.02	2.40	2.97	3.06	2.89	2.72	2.96	4.16	3.37	2.93	3.62	3.42	37.52
	New York [1]	3.21	3.13	4.22	3.75	3.76	3.23	3.77	4.03	3.66	3.41	4.14	3.81	44.12
NC	Charlotte	3.80	3.81	4.83	3.27	3.64	3.57	3.92	3.75	3.59	2.72	2.86	3.40	43.16
	Raleigh	3.55	3.43	3.69	2.91	3.67	3.66	4.38	4.44	3.29	2.73	2.87	3.14	41.76
ND	Bismarck	.51	.45	.70	1.51	2.23	3.01	2.05	1.69	1.38	.81	.51	.51	15.36
OH	Cincinnati	3.13	2.73	3.95	3.58	3.84	4.09	4.28	2.97	2.91	2.54	3.12	3.00	40.14
	Cleveland	2.47	2.20	2.99	3.32	3.30	3.49	3.37	3.38	2.92	2.45	2.76	2.75	35.40
	Columbus	2.75	2.18	3.23	3.41	3.76	4.01	4.01	3.70	2.76	1.91	2.64	2.61	36.97
OK	Oklahoma City	.96	1.29	2.07	2.91	5.50	3.87	3.04	2.40	3.41	2.71	1.53	1.20	30.89
OR	Portland	6.16	3.93	3.61	2.31	2.08	1.47	.46	1.13	1.61	3.05	5.17	6.41	37.39
PA	Philadelphia	3.18	2.81	3.86	3.47	3.18	3.92	3.88	4.10	3.42	2.83	3.32	3.45	41.42
	Pittsburgh	2.86	2.40	3.58	3.28	3.54	3.30	3.83	3.31	2.80	2.49	2.34	2.57	36.29
RI	Providence	4.06	3.72	4.29	3.95	3.48	2.79	3.01	4.04	3.54	3.75	4.22	4.47	45.32
SC	Columbia	4.38	3.99	5.16	3.59	3.85	4.45	5.35	5.56	4.23	2.55	2.51	3.50	49.12
SD	Sioux Falls	.50	.93	1.58	2.36	3.21	3.70	2.71	3.13	2.79	1.57	.92	.72	24.12
TN	Memphis	4.61	4.33	5.44	5.77	5.06	3.58	4.03	3.74	3.62	2.37	4.17	4.85	51.57
	Nashville	4.49	4.03	5.58	4.47	4.56	3.70	3.82	3.40	3.71	2.58	3.52	4.63	48.49
TX	Dallas-Fort Worth	1.65	1.93	2.42	3.63	4.27	2.59	2.00	1.76	3.31	2.47	1.76	1.67	29.45
	El Paso	.38	.45	.32	.19	.24	.56	1.60	1.21	1.42	.73	.33	.39	7.82
	Houston	3.21	3.25	2.68	4.24	4.69	4.06	3.33	3.66	4.93	3.67	3.38	3.66	44.77
UT	Salt Lake City	1.35	1.33	1.72	2.21	1.47	.97	.72	.92	.89	1.14	1.22	1.37	15.31
VT	Burlington	1.85	1.73	2.20	2.77	2.96	3.64	3.43	3.87	3.20	2.81	2.80	2.43	33.69
VA	Norfolk	3.72	3.28	3.86	2.87	3.75	3.45	5.15	5.33	4.35	3.41	2.88	3.17	45.22
	Richmond	3.23	3.13	3.57	2.90	3.55	3.60	5.14	5.01	3.52	3.74	3.29	3.39	44.07
WA	Seattle-Tacoma	6.04	4.22	3.59	2.40	1.58	1.38	.74	1.27	2.02	3.43	5.60	6.33	38.60
	Spokane	2.47	1.61	1.36	1.08	1.38	1.23	.50	.74	.71	1.08	2.06	2.49	16.71
WV	Charleston	3.48	3.11	4.00	3.52	3.68	3.32	5.36	4.15	3.01	2.63	2.90	3.27	42.43
WI	Milwaukee	1.64	1.33	2.58	3.37	2.66	3.59	3.54	3.09	2.88	2.25	1.98	2.03	30.94
WY	Cheyenne	.41	.40	.97	1.24	2.39	2.00	1.87	1.39	1.06	.68	.53	.37	13.31
PR	San Juan	3.01	2.02	2.31	3.62	5.64	4.66	4.87	5.93	5.99	5.89	5.59	4.46	53.98

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

No. 372. Average Number of Days With Precipitation of .01 Inch or More—Selected Cities

[Airport data, except as noted. For period of record through 1984. Annual data may not equal the sum of the monthly values due to rounding.]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	43	11	10	11	7	8	11	16	14	10	6	8	10	123
AK	Juneau	41	18	17	18	17	17	16	17	18	20	24	19	21	220
AZ	Phoenix	45	4	4	3	2	1	1	4	5	3	3	2	4	36
AR	Little Rock	42	10	9	10	10	10	8	8	7	7	7	8	9	104
CA	Los Angeles	49	6	6	6	4	1	1	(Z)	(Z)	1	2	4	5	36
	Sacramento	45	10	9	8	6	3	1	(Z)	(Z)	1	3	7	9	58
	San Francisco	57	11	10	10	6	3	1	(Z)	(Z)	1	4	7	10	63
CO	Denver	50	6	6	9	9	11	9	9	9	6	5	5	5	88
CT	Hartford	30	11	10	12	11	12	11	10	10	9	8	11	12	127
DE	Wilmington	37	11	10	11	11	12	10	9	9	8	8	9	10	117
DC	Washington	43	10	9	11	10	11	9	10	9	8	7	8	9	112
FL	Jacksonville	43	8	8	8	7	8	12	15	14	13	9	6	8	116
	Miami	42	7	6	6	6	10	15	16	17	18	14	8	6	129
GA	Atlanta	50	12	10	12	9	9	10	12	9	7	6	8	10	115
HI	Honolulu	35	10	9	9	9	7	6	7	7	7	9	9	10	100
ID	Boise	45	12	11	10	8	8	6	2	3	4	6	10	12	92
IL	Chicago	26	11	10	13	13	11	10	10	9	10	9	10	12	127
	Peoria	45	9	8	11	12	12	10	9	8	9	8	9	10	113
IN	Indianapolis	45	12	10	13	12	12	10	9	9	8	8	10	12	125
IA	Des Moines	45	8	7	10	11	11	11	9	9	8	8	7	8	107
KS	Wichita	31	6	5	8	8	11	9	7	7	8	6	5	6	85
KY	Louisville	37	12	11	13	12	12	10	11	9	8	7	10	11	125
LA	New Orleans	36	10	9	9	7	8	10	15	13	10	6	7	10	114
ME	Portland	44	11	10	11	12	13	11	9	9	8	9	12	12	128
MD	Baltimore	34	10	9	11	11	11	9	9	10	7	7	9	9	113
MA	Boston	33	12	11	12	11	12	10	9	10	9	9	11	12	127
MI	Detroit	26	13	11	13	13	11	11	9	9	10	9	11	14	133
	Sault Ste. Marie	43	19	15	13	11	11	12	10	11	13	13	17	20	165
MN	Duluth	43	12	10	11	10	12	13	11	11	12	10	11	12	135
	Minneapolis-St. Paul	46	9	7	10	10	11	12	10	10	9	8	8	9	115
MS	Jackson	21	11	9	11	9	10	8	10	10	8	6	8	10	109
MO	Kansas City	12	8	7	11	11	11	10	7	9	8	8	7	8	105
	St. Louis	27	9	8	12	11	11	9	9	8	8	8	9	9	111
MT	Great Falls	47	9	8	9	9	11	12	7	7	7	6	7	8	101
NE	Omaha	48	7	7	9	10	12	11	9	9	8	6	5	6	98
NV	Reno	42	6	6	6	4	4	3	2	2	2	3	5	6	51
NH	Concord	43	11	10	11	11	12	11	10	10	9	9	11	11	125
NJ	Atlantic City	41	11	10	11	11	10	9	9	9	7	7	9	10	112
NM	Albuquerque	45	4	4	4	3	4	4	9	9	6	5	3	4	59
NY	Albany	38	12	11	12	12	13	11	10	10	9	9	12	12	134
	Buffalo	41	20	17	16	14	13	10	10	11	11	11	16	20	169
	New York [1 2]	115	11	10	12	11	11	10	10	10	8	8	9	10	121
NC	Charlotte	45	10	10	11	9	10	10	11	9	7	7	8	10	111
	Raleigh	40	10	10	10	9	10	9	11	10	8	7	8	9	112
ND	Bismarck	45	8	7	8	8	10	12	9	8	7	6	6	8	96
OH	Cincinnati	37	12	11	13	13	12	11	10	9	8	8	11	12	129
	Cleveland	43	16	14	16	14	13	11	10	10	10	11	14	16	156
	Columbus	45	13	12	14	13	13	11	11	9	8	9	11	13	137
OK	Oklahoma City	45	6	6	7	8	10	9	6	6	7	6	5	5	82
OR	Portland	44	19	16	17	14	12	10	4	5	8	13	18	19	154
PA	Philadelphia	44	11	9	11	11	11	10	9	9	8	8	9	10	117
	Pittsburgh	32	16	14	16	13	12	11	11	10	9	11	13	16	154
RI	Providence	31	11	10	12	11	11	11	9	10	8	8	11	12	124
SC	Columbia	37	10	10	11	8	9	9	12	10	8	6	7	9	109
SD	Sioux Falls	39	6	7	9	9	10	11	9	9	8	6	6	6	96
TN	Memphis	34	10	9	11	10	9	8	9	8	7	6	9	10	107
	Nashville	43	11	11	12	11	11	9	10	9	8	7	9	11	119
TX	Dallas-Fort Worth	31	7	6	7	8	9	6	5	5	7	6	6	6	78
	El Paso	45	4	3	2	2	2	3	8	7	5	4	3	4	47
	Houston	15	10	7	10	7	8	8	10	10	9	8	9	9	105
UT	Salt Lake City	56	10	9	10	10	8	6	4	6	5	6	7	9	90
VT	Burlington	41	14	12	13	12	13	12	12	12	12	11	14	15	153
VA	Norfolk	36	10	10	11	10	10	9	11	10	8	8	8	9	115
	Richmond	47	10	9	11	9	11	10	11	10	8	7	8	9	113
WA	Seattle	40	19	16	17	14	10	9	5	7	9	14	18	20	158
	Spokane	37	14	12	11	9	9	8	4	5	6	8	12	16	114
WV	Charleston	37	15	14	15	14	13	11	13	11	9	10	12	14	151
WI	Milwaukee	44	11	10	12	12	12	11	10	9	9	9	10	11	125
WY	Cheyenne	49	6	6	9	10	12	11	11	10	7	5	6	5	98
PR	San Juan	29	17	13	12	13	17	16	19	19	17	17	18	19	196

Z Less than ½ day. [1] For period of record through 1982. [2] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 373. SNOW AND ICE PELLETS

[In inches. Airport data, except as noted. For period of record through 1984. T denotes trace]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	43	.1	.1	–	–	–	–	–	–	–	–	T	.1	.3
AK	Juneau	41	26.7	19.7	16.2	4.0	.1	T	–	–	T	1.1	11.0	24.0	102.8
AZ	Phoenix	47	T	–	T	T	–	–	–	–	–	–	–	T	T
AR	Little Rock	42	2.3	1.5	.6	T	–	–	–	–	–	–	.2	.8	5.4
CA	Los Angeles	49	T	T	–	–	–	–	–	–	–	–	–	T	T
	Sacramento	36	T	.1	T	–	–	–	–	–	–	–	–	T	.1
	San Francisco	57	–	T	T	–	–	–	–	–	–	–	–	T	T
CO	Denver	50	7.7	7.4	13.1	9.3	1.9	–	–	–	1.6	3.7	8.1	7.0	59.8
CT	Hartford	30	12.1	12.1	10.9	1.8	–	–	–	–	–	.1	1.7	11.3	50.0
DE	Wilmington	37	6.4	6.3	3.6	.1	T	–	–	–	–	.1	.9	3.5	20.9
DC	Washington	41	5.1	5.6	2.3	–	T	–	–	–	–	T	.7	3.3	17.0
FL	Jacksonville	43	T	–	T	–	–	–	–	–	–	–	–	T	T
	Miami	42	–	–	–	–	–	–	–	–	–	–	–	–	–
GA	Atlanta	50	.8	.5	.4	T	–	–	–	–	–	–	–	.2	1.9
HI	Honolulu	38	–	–	–	–	–	–	–	–	–	–	–	–	–
ID	Boise	45	7.2	3.7	1.9	.7	.1	T	T	–	–	.1	1.9	5.8	21.4
IL	Chicago	26	11.1	7.8	7.6	2.1	.1	–	–	–	T	.3	2.1	9.2	40.3
	Peoria	41	6.6	5.0	4.6	1.0	–	–	–	–	–	.1	2.2	6.0	25.5
IN	Indianapolis	53	6.2	5.8	3.7	.5	T	–	–	–	–	–	2.0	4.9	23.1
IA	Des Moines	45	8.6	7.2	7.0	2.2	–	–	–	–	T	.3	2.7	6.7	34.7
KS	Wichita	31	4.5	4.4	2.7	.3	–	–	–	–	–	–	1.2	3.3	16.4
KY	Louisville	37	5.9	4.4	3.5	.2	–	–	–	–	–	T	1.3	2.2	17.5
LA	New Orleans	38	–	.1	T	–	–	–	–	–	–	–	T	.1	.2
ME	Portland	44	19.2	18.0	13.0	3.0	.2	–	–	–	T	.3	3.1	15.6	72.4
MD	Baltimore	34	5.5	7.2	4.3	–	T	–	–	–	–	–	1.0	3.8	21.8
MA	Boston	49	12.6	11.6	7.8	.9	T	–	–	–	–	T	1.1	7.8	41.8
MI	Detroit	26	9.6	8.1	6.8	1.8	T	–	–	–	–	.1	3.5	10.5	40.4
	Sault Ste. Marie	43	27.9	19.1	14.7	5.4	.6	T	–	–	.1	2.3	14.5	29.0	113.6
MN	Duluth	41	17.1	11.7	13.6	6.8	.8	T	–	T	–	1.2	10.5	15.7	77.4
	Minneapolis-St. Paul	46	9.9	8.4	10.6	3.2	.2	–	–	–	T	.4	6.6	9.6	48.9
MS	Jackson	21	.7	.2	.3	T	–	–	–	–	–	–	–	–	1.2
MO	Kansas City	50	5.8	4.3	3.9	.8	T	–	–	–	–	–	1.0	4.5	20.3
	St. Louis	48	5.4	4.5	4.4	.4	T	–	–	–	–	T	1.5	3.6	19.8
MT	Great Falls	47	10.2	8.5	10.2	7.3	1.6	.4	T	–	1.5	3.2	7.4	8.9	59.2
NE	Omaha	49	7.9	7.0	6.8	.9	.1	–	–	–	T	.4	2.3	5.7	31.1
NV	Reno	42	6.1	5.0	4.9	1.5	1.0	–	–	–	–	.4	2.0	4.4	25.3
NH	Concord	43	17.8	15.0	11.1	2.3	.1	–	–	–	–	.1	3.8	14.3	64.5
NJ	Atlantic City	40	5.0	5.5	2.9	.3	T	–	–	–	–	T	.4	2.3	16.4
NM	Albuquerque	45	2.5	2.0	1.9	.5	–	–	–	–	T	–	1.1	2.6	10.6
NY	Albany	38	16.0	14.3	11.9	3.1	.1	–	–	–	–	.1	4.2	15.8	65.5
	Buffalo	41	23.9	17.9	11.8	3.3	.1	T	–	–	T	.2	12.4	22.6	92.2
	New York [1]	116	7.6	8.6	5.1	.9	T	–	–	–	–	–	.9	5.6	28.7
NC	Charlotte	45	2.0	1.9	1.5	–	–	–	–	–	–	–	.1	.6	6.1
	Raleigh	40	2.5	2.6	1.6	–	–	–	–	–	–	–	.2	.8	7.7
ND	Bismarck	45	7.2	6.4	8.4	3.9	.9	T	–	–	.3	1.3	5.1	6.8	40.3
OH	Cincinnati	37	7.5	5.3	4.5	.4	T	–	–	–	–	–	2.4	3.8	23.9
	Cleveland	43	12.1	11.5	10.1	2.2	.1	–	–	–	T	.7	5.4	11.5	53.6
	Columbus	37	8.5	6.1	4.7	.7	T	–	–	–	T	–	2.6	5.7	28.3
OK	Oklahoma City	45	2.9	2.5	1.5	–	–	–	–	–	–	T	.5	1.6	9.0
OR	Portland	44	3.9	.6	.5	T	–	T	–	–	T	–	.4	1.4	6.8
PA	Philadelphia	42	6.4	6.7	4.0	.3	T	–	–	–	–	.1	.6	3.8	21.9
	Pittsburgh	32	12.1	10.0	8.6	1.4	.2	–	–	–	–	.2	3.8	8.3	44.6
RI	Providence	31	9.9	10.0	8.3	.8	.2	–	–	–	–	.2	.6	7.1	37.1
SC	Columbia	37	.4	.9	.3	–	–	–	–	–	–	–	T	.3	1.9
SD	Sioux Falls	39	6.5	8.5	10.0	2.2	T	–	–	–	T	.5	4.6	7.6	39.9
TN	Memphis	34	2.3	1.3	1.0	T	–	–	–	–	–	–	.1	.8	5.5
	Nashville	43	4.1	3.1	1.6	.1	–	–	–	–	–	–	.5	1.7	11.1
TX	Dallas-Ft. Worth	31	1.4	1.1	.2	–	–	–	–	–	–	–	.2	.2	3.1
	El Paso	45	1.3	.7	.5	.4	–	–	–	–	–	–	1.0	1.3	5.2
	Houston	50	.2	.2	–	–	–	–	–	–	–	–	T	T	.4
UT	Salt Lake City	56	13.2	9.5	10.4	5.3	.7	T	–	–	.1	1.4	6.2	12.3	59.1
VT	Burlington	41	18.5	16.7	12.4	3.9	.2	–	–	–	T	.2	6.9	19.4	78.2
VA	Norfolk	36	2.9	2.8	1.2	–	–	–	–	–	–	–	–	1.0	7.9
	Richmond	47	5.0	4.3	2.8	.1	–	–	–	–	–	T	.4	2.0	14.6
WA	Seattle	40	6.0	1.4	1.4	.1	T	–	T	–	T	.1	1.0	2.8	12.8
	Spokane	37	17.3	7.3	4.1	.7	.1	T	–	–	–	.5	5.9	15.6	51.5
WV	Charleston	37	10.4	8.5	4.9	.3	–	–	–	–	–	.2	2.4	4.8	31.5
WI	Milwaukee	44	13.0	9.3	9.2	1.9	–	–	–	–	T	.1	2.9	10.6	47.0
WY	Cheyenne	49	6.3	5.6	12.2	9.4	3.7	.3	–	–	.6	3.4	6.8	5.8	54.1
PR	San Juan	29	–	–	–	–	–	–	–	–	–	–	–	–	–

– Represents zero. [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 374. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE—SELECTED CITIES

[Airport data, except as noted. For period of record through 1984, except as noted]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Montgomery	34	48	54	59	65	65	65	62	64	62	66	56	50	60
AK	Juneau [2]	33	32	32	37	39	39	34	31	32	26	19	23	20	32
AZ	Phoenix	89	78	80	83	88	93	94	85	85	89	88	83	77	85
AR	Little Rock	36	48	55	59	63	69	74	73	73	69	70	57	49	63
CA	Los Angeles [3]	32	69	72	73	70	66	65	82	83	79	73	74	71	73
	Sacramento	36	45	61	72	81	88	93	97	96	93	85	63	46	77
	San Francisco [4]	38	56	62	69	73	72	73	66	65	72	70	62	53	66
CO	Denver	35	71	71	70	68	64	71	72	72	75	72	65	67	70
CT	Hartford	30	57	58	56	57	58	61	64	63	60	57	47	49	57
DE	Wilmington [2]	39	50	54	56	57	56	62	62	62	59	59	52	49	57
DC	Washington	36	48	52	55	58	59	65	64	64	62	59	52	47	57
FL	Jacksonville	33	58	61	67	71	69	63	61	60	55	58	60	56	62
	Miami	8	67	65	77	79	70	75	79	75	72	72	66	67	72
GA	Atlanta	49	49	54	58	65	68	67	63	65	64	68	60	51	61
HI	Honolulu	32	62	64	68	66	68	70	73	75	75	68	61	58	67
ID	Boise	42	39	50	62	67	71	75	87	84	81	68	44	38	64
IL	Chicago [1]	39	45	51	56	63	65	72	74	76	69	68	52	45	63
	Peoria	41	46	50	51	54	59	66	68	67	65	61	45	40	56
IN	Indianapolis	40	41	50	50	54	60	66	67	70	66	62	43	39	56
IA	Des Moines	34	51	54	54	55	60	68	72	70	66	62	50	45	59
KS	Wichita	31	59	60	60	63	65	70	75	75	68	66	58	58	65
KY	Louisville	37	42	48	49	54	61	66	66	67	65	61	47	41	56
LA	New Orleans	11	48	53	57	63	61	67	62	60	63	67	55	53	59
ME	Portland	44	56	59	56	55	55	59	64	64	62	58	48	53	57
MD	Baltimore	34	51	55	55	56	56	62	65	62	60	58	51	48	57
MA	Boston	49	53	56	57	57	59	64	67	66	64	60	51	52	59
MI	Detroit [1]	32	32	43	49	52	59	65	70	65	61	56	35	32	54
	Sault Ste. Marie	43	36	46	54	55	57	58	63	58	45	40	24	27	47
MN	Duluth	34	49	52	55	55	56	58	65	61	52	46	35	39	52
	Minneapolis-St. Paul	46	52	58	55	56	60	64	71	68	61	55	39	40	57
MS	Jackson	20	47	56	59	63	63	70	65	64	61	66	55	49	60
MO	Kansas City	12	59	56	58	64	64	69	74	68	65	60	50	50	61
	St. Louis	25	52	53	54	56	61	67	71	65	64	60	47	42	58
MT	Great Falls	40	49	55	65	61	62	64	79	76	68	60	46	44	61
NE	Omaha	48	54	53	54	57	60	67	74	71	67	65	51	47	60
NV	Reno [5]	38	65	68	76	81	82	85	92	93	92	83	71	64	79
NH	Concord	43	52	55	52	53	54	58	63	60	56	54	42	47	54
NJ	Atlantic City	24	49	51	53	55	54	58	60	63	60	56	49	44	54
NM	Albuquerque	45	72	73	73	77	80	83	76	76	79	79	77	72	76
NY	Albany	46	45	51	52	53	55	59	63	60	57	51	36	38	52
	Buffalo	41	32	38	45	52	58	65	68	64	59	51	29	27	49
	New York [3] [6]	100	50	55	56	59	61	64	65	64	63	61	52	49	58
NC	Charlotte	34	55	60	63	69	69	70	68	69	67	68	61	58	65
	Raleigh	30	54	59	62	63	59	61	61	61	59	61	60	55	60
ND	Bismarck	45	54	54	59	59	62	64	75	73	66	58	45	47	60
OH	Cincinnati [1]	66	41	44	50	55	60	66	68	66	66	58	44	38	56
	Cleveland	41	31	37	44	52	58	65	67	63	60	53	32	26	49
	Columbus	33	36	42	43	52	56	60	60	60	61	56	38	31	49
OK	Oklahoma City	30	59	61	64	66	66	74	78	79	72	69	61	58	67
OR	Portland	35	27	37	46	52	58	55	70	65	61	42	29	21	47
PA	Philadelphia	42	50	53	55	56	56	62	62	62	60	59	52	49	56
	Pittsburgh	32	33	38	44	48	52	57	59	57	58	52	38	29	47
RI	Providence	31	56	57	56	56	57	60	63	60	61	60	50	52	57
SC	Columbia	31	57	61	64	69	68	67	67	68	65	67	65	60	65
SD	Rapid City	42	55	59	61	59	58	62	72	73	69	65	55	53	62
TN	Memphis	34	50	54	56	64	69	74	74	75	70	70	58	50	64
	Nashville	42	41	48	51	58	61	66	64	65	63	63	50	42	56
TX	Dallas-Ft. Worth	6	53	58	59	64	64	71	81	77	74	61	62	56	65
	El Paso	42	77	82	85	87	89	89	80	81	82	84	82	78	83
	Houston	15	43	51	47	51	57	64	66	64	62	61	53	55	56
UT	Salt Lake City	46	46	55	63	67	72	79	83	82	83	72	54	43	67
VT	Burlington	41	41	48	50	49	55	59	64	60	54	48	30	32	49
VA	Norfolk [1]	21	56	59	60	65	65	68	64	65	64	58	58	55	61
	Richmond	34	53	58	60	65	65	68	66	66	64	60	58	53	61
WA	Seattle	18	24	37	49	53	56	54	65	64	59	44	29	20	46
	Spokane	36	27	38	53	60	63	65	80	77	70	53	28	21	53
WV	Parkersburg [1]	83	32	37	44	50	56	59	62	59	59	54	37	30	49
WI	Milwaukee	44	44	47	50	53	59	64	70	66	59	55	40	37	54
WY	Cheyenne	45	62	65	65	61	59	65	68	67	68	68	60	59	64
PR	San Juan	29	66	69	74	68	60	61	67	66	60	61	58	58	64

[1] For period of record through 1981. [2] For period of record through 1978. [3] For period of record through 1976.
[4] For period of record through 1973. [5] For period of record through 1980. [6] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 375. Average Wind Speed, Mean Number of Days Minimum Temperature Below 32 Degrees Fahrenheit, and Average Relative Humidity—Selected Cities

[Airport data, except as noted. For period of record through 1984. M=morning. A=afternoon]

STATE	STATION	AVERAGE WIND SPEED (m.p.h.)				MINIMUM TEMPERATURE 32° OR LESS		AVERAGE RELATIVE HUMIDITY (percent)						
									Annual		Jan.		July	
		Length of record (yr.)	Annual	Jan.	July	Length of record (yr.)	Mean number (days)	Length of record (yr.)	M	A	M	A	M	A
AL	Mobile	36	9.0	10.5	6.9	22	22	22	85	57	80	61	88	60
AK	Juneau	41	8.4	8.3	7.5	41	146	20	84	72	79	75	83	70
AZ	Phoenix	39	6.3	5.3	7.1	24	9	24	52	53	67	32	46	20
AR	Little Rock	42	8.0	8.7	6.8	24	62	24	83	57	80	61	87	57
CA	Los Angeles	36	7.5	6.7	7.7	25	(Z)	25	79	64	70	60	86	67
	Sacramento	35	8.1	7.6	9.0	34	16	24	82	46	90	71	76	28
	San Francisco	57	10.5	7.1	13.5	25	2	25	83	62	85	66	86	59
CO	Denver	36	8.8	8.8	8.4	24	159	24	67	40	63	49	68	34
CT	Hartford	30	8.5	9.1	7.5	25	136	25	76	52	70	56	78	50
DE	Wilmington	36	9.2	10.0	7.8	37	101	37	78	55	75	60	79	54
DC	Washington	36	9.3	10.0	8.2	24	71	24	73	53	68	54	76	53
FL	Jacksonville	35	8.2	8.3	7.3	43	15	48	88	56	87	57	88	58
	Miami	35	9.2	9.4	7.8	20	(Z)	20	84	61	84	60	85	63
GA	Atlanta	46	9.1	10.6	7.5	24	57	24	83	56	78	60	89	61
HI	Honolulu	35	11.6	9.8	13.5	15	-	15	72	56	82	63	86	52
ID	Boise	45	8.9	8.2	8.4	45	123	45	69	43	80	70	54	22
IL	Chicago	26	10.3	11.6	8.1	26	133	26	80	60	76	67	81	57
	Peoria	41	10.1	11.1	7.9	25	130	25	82	62	78	68	86	59
IN	Indianapolis	36	9.6	10.9	7.4	25	119	25	84	62	80	70	87	60
IA	Des Moines	35	10.9	11.7	8.9	23	135	23	79	60	75	67	81	57
KS	Wichita	31	12.4	12.2	11.1	31	113	31	79	55	78	63	77	48
KY	Louisville	37	8.3	9.6	6.7	24	92	24	81	59	76	64	85	58
LA	New Orleans	36	8.2	9.4	6.1	38	13	36	87	63	85	66	91	66
ME	Portland	44	8.7	9.2	7.6	44	158	44	79	60	77	61	80	59
MD	Baltimore	34	9.2	9.8	7.9	34	98	31	77	54	71	57	80	53
MA	Boston	27	12.4	14.0	10.9	20	98	20	72	58	66	57	73	55
MI	Detroit	26	10.2	11.7	8.3	26	138	26	81	60	79	70	82	53
	Sault Ste. Marie	43	9.4	9.9	8.0	43	181	43	85	67	81	75	88	62
MN	Duluth	35	11.2	11.8	9.6	23	184	23	80	63	75	69	83	58
	Minneapolis-St. Paul	46	10.5	10.4	9.3	25	156	25	78	60	73	66	80	54
MS	Jackson	21	7.4	8.7	5.9	21	51	21	90	58	86	65	93	59
MO	Kansas City	12	10.7	11.0	8.9	12	109	12	80	60	73	64	83	56
	St. Louis	35	9.7	10.5	9.9	24	104	24	85	60	83	67	86	56
MT	Great Falls	43	12.8	15.2	10.2	23	158	23	66	45	66	61	65	29
NE	Omaha	48	10.6	10.9	8.9	20	140	20	81	59	77	66	83	56
NV	Reno	42	6.5	5.7	6.9	21	182	21	71	32	78	51	65	19
NH	Concord	43	6.7	7.3	5.7	19	174	19	81	54	74	58	84	51
NJ	Atlantic City	26	10.2	11.4	8.6	20	110	20	81	57	77	59	83	57
NM	Albuquerque	45	9.1	8.1	9.1	24	122	24	60	29	71	40	60	27
NY	Albany	46	8.9	9.8	7.5	19	151	19	79	57	77	63	80	55
	Buffalo	45	12.1	14.3	10.4	24	134	24	80	63	79	73	78	54
	New York [1]	58	9.4	10.7	7.6	71	80	61	72	56	68	60	75	55
NC	Charlotte	35	7.5	7.9	6.6	24	70	24	83	54	78	56	87	58
	Raleigh	35	7.8	8.6	6.6	20	81	20	85	54	79	55	90	59
ND	Bismarck	45	10.3	10.0	9.2	25	186	25	79	56	73	67	83	47
OH	Cincinnati	37	9.1	10.7	7.1	22	110	22	81	60	79	68	85	57
	Cleveland	43	10.7	12.4	8.7	24	125	24	79	62	77	70	81	57
	Columbus	35	8.7	10.3	6.9	25	120	25	80	59	76	67	84	56
OK	Oklahoma City	38	12.5	12.9	10.9	19	80	19	79	54	78	60	79	49
OR	Portland	36	7.9	10.0	7.6	44	43	44	86	60	86	76	82	45
PA	Philadelphia	44	9.5	10.3	8.0	25	99	25	76	55	72	59	79	54
	Pittsburgh	32	9.2	10.7	7.3	25	124	24	78	57	75	65	82	53
RI	Providence	31	10.6	11.3	9.5	21	119	21	74	54	70	56	76	55
SC	Columbia	36	8.9	7.1	6.4	18	63	18	87	52	82	55	89	56
SD	Sioux Falls	36	11.1	11.0	9.8	21	168	21	81	60	75	67	82	53
TN	Memphis	36	9.0	10.3	7.5	43	58	45	81	57	78	63	84	57
	Nashville	43	8.0	9.1	6.4	19	77	19	84	58	79	64	90	58
TX	Dallas-Fort Worth	31	10.8	11.1	9.5	21	41	21	81	56	79	61	80	48
	El Paso	42	9.2	8.7	8.6	24	63	24	55	27	65	35	61	28
	Houston	15	7.8	8.2	6.8	15	23	15	90	60	86	65	92	58
UT	Salt Lake City	55	8.8	7.7	9.5	25	126	25	67	43	78	68	52	21
VT	Burlington	41	8.8	9.5	7.9	20	157	19	77	60	70	63	79	53
VA	Norfolk	36	10.5	11.4	8.8	36	55	36	78	57	74	59	82	59
	Richmond	36	7.5	7.9	6.7	55	85	50	83	53	81	57	85	57
WA	Seattle	36	9.1	9.9	8.3	25	30	25	82	62	80	74	81	49
	Spokane	37	8.7	8.7	8.3	25	139	25	77	51	84	77	63	27
WV	Charleston	37	6.4	7.6	5.0	37	101	37	82	56	77	63	90	60
WI	Milwaukee	44	11.6	12.8	9.6	24	143	24	80	64	75	68	82	61
WY	Cheyenne	27	12.9	15.2	10.3	25	172	25	64	43	56	49	69	38
PR	San Juan	29	8.5	8.7	9.7	29	-	29	78	65	80	64	78	66

- Represents zero. Z Less than one-half a day. [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 376. Normal Monthly and Seasonal Heating Degree Days, 65° Base—Selected Cities

[Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, p. 192]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
AL	Mobile	469	342	191	43	-	-	-	-	-	50	218	382	1,695
AK	Juneau	1,339	1,042	1,048	777	574	369	288	322	474	719	969	1,184	9,105
AZ	Phoenix	394	269	187	52	-	-	-	-	-	13	159	368	1,442
AR	Little Rock	778	585	417	124	18	-	-	-	8	132	414	676	3,152
CA	Los Angeles	286	233	240	180	106	54	17	12	18	55	139	255	1,595
	Sacramento	611	412	366	229	83	21	-	-	7	82	360	601	2,772
	San Francisco	512	375	378	306	226	139	103	89	80	148	315	490	3,161
CO	Denver	1,101	879	837	528	253	74	-	-	135	414	789	1,004	6,014
CT	Hartford	1,234	1,047	874	486	197	20	-	8	102	391	702	1,113	6,174
DE	Wilmington	1,048	890	719	378	130	6	-	-	36	282	582	915	4,986
DC	Washington	924	770	595	257	68	-	-	-	13	197	489	809	4,122
FL	Jacksonville	396	302	166	21	-	-	-	-	-	21	164	332	1,402
	Miami	76	62	14	-	-	-	-	-	-	-	5	42	199
GA	Atlanta	716	563	400	133	37	5	-	-	7	130	394	636	3,021
HI	Honolulu	-	-	-	-	-	-	-	-	-	-	-	-	-
ID	Boise	1,088	809	732	492	253	83	-	23	134	406	759	1,023	5,802
IL	Chicago	1,352	1,092	899	486	224	38	-	9	75	368	756	1,156	6,455
	Peoria	1,349	1,070	859	411	176	22	-	5	64	361	756	1,153	6,226
IN	Indianapolis	1,209	983	775	382	158	15	-	-	63	330	696	1,039	5,650
IA	Des Moines	1,438	1,134	927	435	156	17	-	-	60	357	792	1,218	6,554
KS	Wichita	1,097	837	656	275	89	7	-	-	37	219	621	949	4,787
KY	Louisville	1,008	815	624	264	98	5	-	-	32	250	567	862	4,525
LA	New Orleans	423	318	171	25	-	-	-	-	-	31	186	336	1,490
ME	Portland	1,349	1,176	1,020	666	378	107	22	54	201	515	798	1,215	7,501
MD	Baltimore	1,001	848	673	334	115	-	-	-	29	261	561	884	4,706
MA	Boston	1,097	960	825	489	218	25	-	6	80	329	594	970	5,593
MI	Detroit	1,290	1,098	930	528	247	36	5	12	106	414	765	1,132	6,563
	Sault Ste. Marie	1,603	1,420	1,274	807	480	210	101	123	306	611	966	1,404	9,305
MN	Duluth	1,820	1,484	1,305	801	456	179	71	115	334	645	1,104	1,587	9,901
	Minneapolis-St. Paul	1,666	1,330	1,110	570	238	41	12	16	160	488	954	1,420	8,007
MS	Jackson	611	462	303	77	9	-	-	-	-	98	316	513	2,389
MO	Kansas City	1,212	921	729	314	112	12	-	-	42	258	657	1,026	5,283
	St. Louis	1,122	874	676	279	110	12	-	-	40	258	612	955	4,938
MT	Great Falls	1,435	1,072	1,042	669	369	141	20	66	268	536	930	1,218	7,766
NE	Omaha	1,389	1,058	859	390	130	16	-	-	73	342	765	1,172	6,194
NV	Reno	1,017	773	756	558	333	124	16	59	171	456	759	1,008	6,030
NH	Concord	1,398	1,198	1,020	627	314	67	20	39	191	521	831	1,256	7,482
NJ	Atlantic City	1,029	890	744	420	165	26	-	-	27	298	582	905	5,086
NM	Albuquerque	936	717	583	302	81	-	-	-	12	242	630	911	4,414
NY	Albany	1,361	1,165	973	552	252	38	7	15	149	450	771	1,194	6,927
	Buffalo	1,287	1,134	992	588	294	53	9	25	130	423	741	1,122	6,798
	New York[1]	1,029	885	732	378	134	7	-	-	36	240	534	893	4,868
NC	Charlotte	760	619	459	155	50	-	-	-	10	156	429	694	3,342
	Raleigh	787	655	496	181	53	-	-	-	9	187	450	719	3,531
ND	Bismarck	1,807	1,414	1,209	675	324	100	18	57	255	586	1,092	1,538	9,075
OH	Cincinnati	1,076	882	682	317	122	8	-	-	39	279	612	933	4,950
	Cleveland	1,225	1,053	880	507	244	33	8	11	99	371	696	1,051	6,178
	Columbus	1,175	986	775	408	178	19	-	5	78	355	687	1,020	5,686
OK	Oklahoma City	902	678	506	184	41	-	-	-	15	145	486	778	3,735
OR	Portland	809	610	592	438	263	118	35	51	111	332	585	747	4,691
PA	Philadelphia	1,048	893	719	363	127	-	-	-	33	273	576	915	4,947
	Pittsburgh	1,187	1,014	822	447	201	28	-	13	101	393	702	1,042	5,950
RI	Providence	1,141	1,000	856	513	239	31	-	6	94	366	648	1,014	5,908
SC	Columbia	637	508	346	87	22	-	-	-	-	123	339	567	2,629
SD	Sioux Falls	1,631	1,285	1,073	561	240	52	14	15	161	489	960	1,404	7,885
TN	Memphis	787	602	433	126	25	-	-	-	9	137	415	673	3,207
	Nashville	865	689	510	186	55	-	-	-	19	193	492	747	3,756
TX	Dallas-Fort Worth	651	469	313	85	-	-	-	-	-	56	300	533	2,407
	El Paso	645	465	318	93	-	-	-	-	-	96	408	639	2,664
	Houston	442	314	175	32	-	-	-	-	-	36	201	349	1,549
UT	Salt Lake City	1,128	865	753	474	220	53	-	-	97	377	759	1,076	5,802
VT	Burlington	1,500	1,313	1,110	669	326	64	23	50	202	530	852	1,314	7,953
VA	Norfolk	778	669	512	219	53	-	-	-	9	146	393	667	3,446
	Richmond	880	731	552	226	65	-	-	-	24	221	483	778	3,960
WA	Seattle-Tacoma	803	622	645	489	313	169	76	97	169	388	606	744	5,121
	Spokane	1,218	913	849	576	339	140	17	63	209	539	903	1,116	6,882
WV	Charleston	995	823	626	298	125	16	-	-	51	301	591	871	4,697
WI	Milwaukee	1,435	1,176	1,020	612	334	84	11	25	117	444	831	1,237	7,326
WY	Cheyenne	1,206	1,000	1,020	696	397	139	24	37	235	543	906	1,107	7,310
PR	San Juan	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

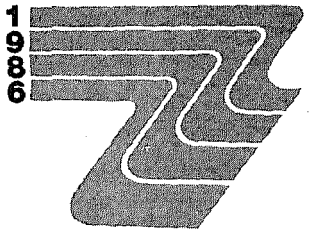
NO. 377. NORMAL MONTHLY AND SEASONAL COOLING DEGREE DAYS, 65° BASE—SELECTED CITIES

[Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, p. 192]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
AL	Mobile	29	23	39	133	307	465	533	521	396	158	26	13	2,643
AK	Juneau	-	-	-	-	-	-	-	-	-	-	-	-	-
AZ	Phoenix	-	20	51	142	376	645	846	772	588	273	27	6	3,746
AR	Little Rock	-	-	20	46	188	405	530	496	287	73	-	-	2,045
CA	Los Angeles	7	12	-	15	25	72	141	176	153	95	25	7	728
	Sacramento	-	-	-	25	80	207	329	301	208	48	-	-	1,198
	San Francisco	-	-	-	-	-	13	16	27	47	12	-	-	115
CO	Denver	-	-	-	-	11	134	261	203	63	8	-	-	680
CT	Hartford	-	-	-	-	24	128	260	203	51	-	-	-	666
DE	Wilmington	-	-	-	-	43	192	341	304	123	12	-	-	1,015
DC	Washington	-	-	-	8	99	285	431	391	196	20	-	-	1,430
FL	Jacksonville	30	25	51	102	282	420	505	496	396	160	38	15	2,520
	Miami	141	140	222	309	419	480	539	552	504	400	239	150	4,095
GA	Atlanta	-	-	12	37	170	329	422	409	247	44	-	-	1,670
HI	Honolulu	236	221	291	321	388	423	468	496	468	450	348	279	4,389
ID	Boise	-	-	-	-	17	107	298	240	80	-	-	-	742
IL	Chicago	-	-	-	-	41	146	252	223	66	12	-	-	740
	Peoria	-	-	-	-	71	208	314	256	82	17	-	-	948
IN	Indianapolis	-	-	-	-	80	213	313	257	111	14	-	-	988
IA	Des Moines	-	-	-	-	66	215	354	279	83	22	-	-	1,019
KS	Wichita	-	-	8	14	117	340	508	456	205	36	-	-	1,684
KY	Louisville	-	-	7	12	110	266	391	353	179	24	-	-	1,342
LA	New Orleans	32	30	59	136	307	459	530	518	405	161	36	13	2,686
ME	Portland	-	-	-	-	-	23	118	104	9	-	-	-	254
MD	Baltimore	-	-	-	-	66	221	366	329	146	10	-	-	1,138
MA	Boston	-	-	-	-	17	115	266	220	68	13	-	-	699
MI	Detroit	-	-	-	-	33	117	219	183	55	8	-	-	615
	Sault Ste. Marie	-	-	-	-	6	12	55	58	-	-	-	-	131
MN	Duluth	-	-	-	-	-	11	80	59	-	-	-	-	150
	Minneapolis-St. Paul	-	-	-	-	36	134	263	190	28	11	-	-	662
MS	Jackson	13	17	34	80	241	426	524	502	342	98	13	-	2,290
MO	Kansas City	-	-	-	8	99	270	423	363	144	26	-	-	1,333
	St. Louis	-	-	-	12	128	306	431	372	181	38	-	-	1,468
MT	Great Falls	-	-	-	-	-	48	153	144	40	6	-	-	391
NE	Omaha	-	-	-	6	77	256	394	320	97	16	-	-	1,166
NV	Reno	-	-	-	-	11	46	156	117	27	-	-	-	357
NH	Concord	-	-	-	-	10	58	160	111	14	-	-	-	353
NJ	Atlantic City	-	-	-	-	26	152	291	248	75	-	-	-	792
NM	Albuquerque	-	-	-	-	59	285	428	344	132	6	-	-	1,254
NY	Albany	-	-	-	-	19	89	206	145	35	-	-	-	494
	Buffalo	-	-	-	-	18	83	186	146	43	-	-	-	476
	New York[1]	-	-	-	-	56	199	363	322	135	14	-	-	1,089
NC	Charlotte	-	-	7	14	149	304	419	400	220	33	-	-	1,546
	Raleigh	-	-	9	16	121	270	394	372	189	23	-	-	1,394
ND	Bismarck	-	-	-	-	10	79	186	174	24	-	-	-	473
OH	Cincinnati	-	-	-	8	101	230	344	310	144	22	-	-	1,159
	Cleveland	-	-	-	-	33	111	213	178	72	5	-	-	612
	Columbus	-	-	-	-	66	175	273	235	102	11	-	-	862
OK	Oklahoma City	-	-	13	40	147	360	530	499	264	61	-	-	1,914
OR	Portland	-	-	-	-	6	43	119	122	42	-	-	-	332
PA	Philadelphia	-	-	-	-	59	202	357	319	129	9	-	-	1,075
	Pittsburgh	-	-	-	-	37	121	222	186	74	5	-	-	645
RI	Providence	-	-	-	-	10	85	235	195	49	-	-	-	574
SC	Columbia	8	6	20	51	223	381	496	471	297	74	6	-	2,033
SD	Sioux Falls	-	-	-	-	29	154	293	226	41	6	-	-	749
TN	Memphis	-	-	20	54	211	411	530	484	285	72	-	-	2,067
	Nashville	-	-	14	24	151	326	446	415	238	45	-	-	1,661
TX	Dallas-Fort Worth	-	7	37	112	275	510	660	636	408	146	18	-	2,809
	El Paso	-	-	11	51	218	474	543	474	273	52	-	-	2,096
	Houston	20	20	51	143	307	468	561	546	402	181	54	8	2,761
UT	Salt Lake City	-	-	-	-	28	152	388	311	97	5	-	-	981
VT	Burlington	-	-	-	-	22	61	165	115	16	-	-	-	379
VA	Norfolk	-	-	-	15	96	282	415	394	225	31	-	-	1,458
	Richmond	-	-	-	13	99	258	397	366	180	23	-	-	1,336
WA	Seattle-Tacoma	-	-	-	-	-	25	70	70	19	-	-	-	184
	Spokane	-	-	-	-	8	41	162	159	41	-	-	-	411
WV	Charleston	-	-	-	7	91	196	295	270	129	19	-	-	1,007
WI	Milwaukee	-	-	-	-	18	81	182	158	24	7	-	-	470
WY	Cheyenne	-	-	-	-	-	49	145	93	22	-	-	-	309
PR	San Juan	357	325	388	414	474	501	527	533	507	508	438	394	5,366

- Represents zero [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.



Section 8

Parks and Recreation

This section presents statistics on national parks and forests, State parks, recreational activities, the arts and humanities, and domestic and foreign travel.

Parks and recreation.—The Department of the Interior has responsibility for administering the national parks. As part of this function, it compiles data and issues various reports relating to the usage of public parks for recreation purposes. The National Park Service publishes information on visits to national park areas in its annual report, *National Park Statistical Abstract;* the *Index-National Park System and Related Areas,* a biannual report, presents data on acreage in public parks; and its *National Parks and Landmarks* gives brief descriptions of each area administered by the Service and also covers sites eligible for registry as natural or national historic landmarks and nonfederally owned national historic sites. The National Park Service is also responsible for the administration of the Land and Water Conservation Fund, the Urban Park and Recreation program and several other outdoor recreation programs which were administered by the Heritage Conservation and Recreation Service until its abolishment in 1981.

Statistics for State parks are compiled by the National Association of State Park Directors which issues its annual *Information Exchange.* The Bureau of Land Management, in its *Public Land Statistics,* also issues data on recreational use of its lands. The Department of Agriculture's Forest Service, in its *Report of the Forest Service,* issues data on recreational uses of the national forests.

Statistics on recreation other than usage of public lands have not generally been compiled and published in a systematic way. In general, more data are available in the files of public and private bodies than have been published; and much of what is published is in forms not physically permanent nor likely to be preserved in libraries and other reference sources. The series presented here represent only the more readily available data.

Visitation.—Statistics presented on visitation to various recreation areas are collected by several different agencies and groups. The methodology used to collect these results, may vary accordingly from visual counts and estimates to the use of electromagnetic traffic counters. Many factors besides the methodology, may affect the results such as multiple or random access points, irregular boundaries, and many other general factors that may affect usage. In using and comparing these data, one should also be aware of several different definitions that follow: Recreation visit, which is the entry of any person into an area for recreation purposes; nonrecreation visits, which include visits going to and from inholdings, through traffic, tradespeople and personnel with business in the area; and visitor hour, which constitutes the presence of a person in a recreation area or site for recreational purposes for periods of time aggregating 60 minutes.

Recreation and leisure activities.—Statistics on the participation in various recreation and leisure time activities presented here are based on several sample surveys. Data on participation in fishing, hunting, and other forms of wildlife-associated recreation are published every five years by the U.S. Department of Interior, Fish and Wildlife Service. The most recent data are from the 1980 survey. Data on participation in various outdoor recreation activities are published by the National Park Service (1983 figures are the most recent). Data on participation and attendance at various art performances by demographic characteristics are presented for the first time by the National Endowment for the Arts.

Travel.—Information on foreign travel and personal expenditures abroad, as well as expenditures by foreign citizens traveling in the United States, is compiled by the U.S. Bureau of Economic Analysis and published in selected issues of the monthly *Survey of Current Business.* Data on the number of passports issued annually to U.S. citizens are to be found in the annual *Summary of Passport Statistics* issued by the U.S. Dept. of State's Bureau of Consular Affairs. Statistics on arrivals to and departures from the United States by air are reported by the Department of Transportation in cooperation with the U.S. Immigration and Naturalization Service in *International Air Travel Statistics.* Other data on household transportation characteristics and on the travel industry may be found in Section 22.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

No. 378. Visitation to Federal Recreation Areas, by Administering Federal Agency: 1978 to 1984

[**In thousands of visitor hours.** For years ending **September 30**, except as indicated. Covers persons entering and using a recreation area over a specified period of time. For definition of visitor hour, see text, p. 221. Data may not be comparable for all years]

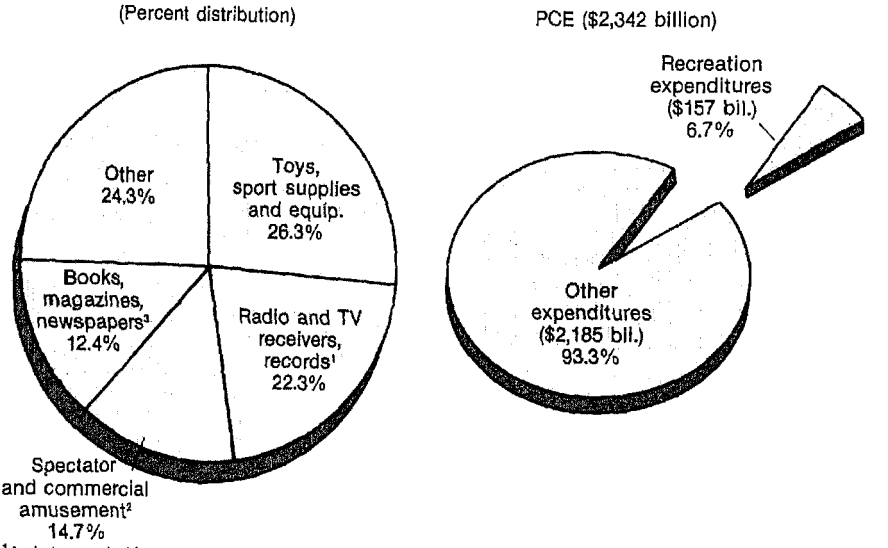
Administering Federal Agency	1978	1979	1980	1981	1982	1983	1984		
							Total	Fee units [1]	Non-fee units
All areas	**7,093,896**	**6,717,960**	**6,386,939**	**6,522,140**	**6,640,405**	**6,667,666**	**[2] 7,485,951**	**[2] 1,459,487**	**[2] 6,026,464**
Fish and Wildlife Service [3]	64,114	25,432	17,414	23,148	12,076	62,564	(NA)	623	(NA)
Forest Service	2,621,932	2,641,987	2,818,793	2,828,510	2,801,250	2,732,504	2,730,647	307,318	2,423,329
U.S. Army Corps of Engineers	2,071,246	1,960,584	1,926,347	1,487,494	1,631,990	1,638,088	2,945,943	147,447	2,798,496
National Park Service	1,154,301	1,066,388	1,041,682	1,198,318	1,216,178	1,275,681	1,239,557	985,909	253,648
Bureau of Land Management	633,979	524,926	68,308	443,831	341,239	595,874	208,156	10,197	197,989
Bureau of Reclamation [4]	431,360	410,795	407,180	460,723	558,175	285,279	282,177	1,539	280,639
Tennessee Valley Authority	96 970	87,848	87,214	80,116	79,497	77,676	79,440	7,077	72,363

NA Not available. [1] Units authorized to charge fees at areas where specialized outdoor recreation facilities, equipment, or services are provided at Federal expense. [2] Excludes Fish and Wildlife Service. [3] Includes National Wildlife Refuge System, except fish hatcheries. [4] Calendar year data.

Source: 1978-1980, U.S. Heritage Conservation and Recreation Service, *Federal Recreation Fee Report*, annual; thereafter, U.S. National Park Service.

Figure 8.1

Personal Consumption Expenditures (PCE) for Recreation: 1984



[1] Includes musical instruments and radio and TV repair.
[2] Includes admissions to spectator amusements, commercial participant amusement, and parimutuel net receipts.
[3] Includes maps and sheet music.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 385.

No. 379. National Park System—Summary: 1960 to 1984

[For years ending **June 30** through **1975**, thereafter ending **Sept. 30**; except as noted. Includes data for 5 areas in Puerto Rico and Virgin Islands and 1 area in Guam. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

ITEM	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
Finances (mil. dol.):										
Expenditures reported [1]	74.2	131.6	138.8	341.8	482.8	574.3	1,172.9	1,012.5	1,008.0	1,110.7
Salaries and wages	29.9	48.6	82.5	152.1	238.3	259.3	302.6	320.1	353.0	363.5
Improvements, maintenance	4.7	8.3	15.5	40.4	67.9	77.3	82.3	98.3	102.4	136.4
Construction	33.2	55.3	23.9	85.5	76.7	126.8	123.2	72.9	87.5	93.3
Other	6.5	19.5	17.0	63.8	99.9	110.8	664.8	521.2	465.1	517.5
Funds available [1]	115.7	183.1	174.6	428.0	616.7	907.9	2,307.7	1,931.3	2,035.8	1,915.5
Appropriations	79.6	128.4	129.4	345.6	526.2	539.4	827.0	801.2	1,118.2	942.6
Other	36.2	54.7	45.2	82.4	90.5	368.5	1,480.7	1,130.1	917.6	972.9
Revenue from operations [2]	5.7	7.4	8.8	17.2	21.1	21.1	22.9	25.5	33.1	36.2
Visits (millions): [3]										
All areas	79.2	121.3	172.0	238.8	282.4	300.3	329.7	334.4	335.6	332.5
National parks [4]	26.6	36.6	45.9	58.8	57.5	60.2	63.3	63.5	63.8	64.4
National monuments	10.7	12.3	17.3	17.3	16.8	16.3	17.1	18.2	18.5	18.1
National historical, archeological, and military areas	21.8	40.7	47.0	75.7	83.9	88.5	95.0	95.1	95.3	98.9
National parkways	9.0	13.0	27.8	36.0	35.0	40.2	43.8	45.1	47.8	48.7
National recreation areas [4]	3.7	6.2	11.5	23.9	41.3	48.1	51.1	52.9	54.4	52.5
National seashores	.5	3.4	9.1	13.3	14.2	15.0	16.0	15.5	16.7	16.5
National Capital Parks [5]	6.9	9.2	10.3	11.2	2.8	4.1	6.7	7.3	6.3	8.3
Miscellaneous other areas	(x)	(x)	3.0	2.6	31.5	28.0	37.3	36.8	31.7	23.1
Overnight stays reported	9.4	13.0	16.2	16.7	16.0	16.5	17.0	16.9	16.1	16.3
Camper days	4.8	8.1	9.0	8.8	7.9	8.3	8.9	8.8	7.8	7.7
Tents	3.6	5.1	4.7	3.7	3.4	3.9	4.2	4.2	3.6	3.8
Recreation vehicles	1.3	3.0	4.3	5.1	4.5	4.4	4.7	4.6	4.2	3.9
In commercial lodgings	2.8	3.3	4.9	4.0	4.0	4.1	4.0	3.3	3.3	3.5
Other	1.8	1.6	2.2	3.9	4.1	4.1	4.1	4.8	5.0	4.8
Land (1,000 acres):										
Total [6] [7]	25,704	26,549	28,543	29,091	70,797	70,936	73,665	74,800	74,846	74,913
Parks	13,208	13,619	14,307	15,344	15,684	15,801	[8] 44,470	[8] 45,414	[8] 45,427	[8] 45,454
Recreation areas	3,214	3,497	3,628	3,156	3,280	3,322	3,327	3,313	3,317	3,322
Other	9,283	9,432	10,608	10,590	51,833	51,813	[8] 25,868	[8] 26,073	[8] 26,102	[8] 26,137
Acquisition, gross	21	319	83	110	86	121	70	40	46	43
By purchase	6	42	74	70	65	109	60	37	43	42
By gift	10	13	1	(z)	4	7	6	3	1	(z)
By transfer or exchange	5	264	10	40	17	5	4	(z)	6	1
Exclusion	(z)	[9] (z)	2	(z)	1	(z)	(z)	(z)	2	2
Acquisition, net	21	318	82	110	85	121	70	40	46	43

X Not applicable. Z Less than 1,000 acres. [1] For 1960-1980; excludes transfers and allocations from appropriations to other agencies (e.g., Land and Water Conservation Fund, etc.). Beginning 1981, data reflect absorption by National Park Service of activities of former Heritage Conservation and Recreation Service (e.g., Land and Water Conservation Fund). See text, p. 221. [2] Receipts deposited in Treasury; beginning 1975, receipts from annual admission permit (Golden Eagle Passport) and special recreation use fees are available for NPS expenditure. [3] For calendar year. For 1960, excludes visits to White House. [4] Beginning 1970, combined data for North Cascades National Park and two adjacent National Recreation Areas are included in National Parks total. [5] Beginning 1977, visits to some areas previously included in National Capital Parks now included in other areas. [6] Federal land only, as of Dec. 31. [7] On Dec. 1, 1978 over 40 million acres of public domain land in AK were added to the system. [8] Several areas of the National Park System were reclassified as national parks in 1981, therefore data are not comparable with prior years. [9] Represents U.S. lands alienated by exchange of U.S. and private lands.

Source: U.S. National Park Service, visits, 1960-1970, *Campground Use in the National Park Service*, annual; *Camper Days in Areas Administered by the National Park Service*, annual; and *Public Use of the National Parks*, monthly; 1975, *Public Use of the National Park System*, semiannual; thereafter, *National Park Statistical Abstract*, annual and unpublished data. Land, 1960-1978, *Areas Administered by the National Park Service*, semiannual; thereafter, *Index—National Park System and Related Areas*, biannual. Other data are unpublished.

No. 380. National Park System—Type of Area: 1984

[As of **September 30.** Totals include 5 areas in Puerto Rico and Virgin Islands, and 1 area in Guam. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

TYPE OF AREA	Number of areas	Federal acreage	TYPE OF AREA	Number of areas	Federal acreage
National Park System	**334**	**74,912,503**	National seashores	10	458,735
			Parkways	4	159,118
National parks	48	45,454,032	National lakeshores	4	142,341
National historical parks	26	92,033	National rivers	11	224,262
National monuments	77	4,456,436	National Capital Parks	1	6,467
National military parks	11	33,544			
National battlefields	9	8,197	Parks, other	11	30,855
			National recreation areas	17	3,322,169
National battlefield parks	3	6,692	National Trail	1	62,144
National battlefield sites	1	1	National preserves	12	20,431,265
National historic sites	62	16,300	National Mall	1	146
National memorials	24	7,747	White House	1	18

Source: U.S. National Park Service, *Index—National Park System and Related Areas*, biannual.

No. 381. Selected National Park Service Areas—Acreage, 1983, Visits and Overnight Stays, 1982 to 1984

[Acreage as of **December 31.** Area selection based on minimum of 5 million visits or 250,000 overnight stays in 1982. For information on methodolgy and definition of "visits", see text, p. 221]

Area	Acreage,[1] 1984 (1,000)	Visits (mil.) 1982, total	Visits (mil.) 1983, total	Visits (mil.) 1984 Total[2]	Visits (mil.) 1984 Recreation	Overnight stays[3] (1,000) 1982	1983	1984
Total, all areas[4]	**79,425**	**334.4**	**335.6**	**332.5**	**248.6**	**16,873**	**16,103**	**16,325**
Blue Ridge Parkway, NC, VA	82	17.8	18.9	19.2	15.1	268	234	220
Cape Hatteras National Seashore, NC	30	1.9	2.0	1.4	1.4	260	244	246
Chickamauga and Chattanooga National Military Park, TN, GA	8	11.3	13.1	17.6	1.1	2	2	3
Colonial National Historical Park, VA[5]	9	12.2	6.0	5.7	2.5	-	-	-
Death Valley National Monument, CA	2,068	.7	.7	.6	.6	369	378	333
Gateway National Recreation Area, NJ, NY	26	10.1	10.4	8.0	8.0	16	11	18
Glacier National Park, MT	1,014	1.7	2.2	2.0	1.9	342	350	326
Glen Canyon National Recreation Area, AZ, UT	1,237	1.8	1.9	2.0	2.0	1,323	1,444	1,602
Golden Gate National Recreation Area, CA	73	19.9	17.6	16.8	16.7	-	21	112
Grand Canyon National Park, AZ	1,218	2.5	2.4	2.4	2.2	802	723	779
Grand Teton National Park, WY	311	3.4	2.6	2.2	1.4	546	484	482
Great Smoky Mountains National Park, NC, TN	520	12.9	13.0	13.5	8.5	560	434	456
Hot Springs National Park, AR	6	5.0	5.2	5.4	1.1	8	17	15
Kennesaw Mountain National Battlefield Park, GA[5]	3	6.7	2.5	2.4	.9	-	1	-
Kings Canyon National Park, CA	462	.8	.8	.9	.9	263	291	272
Lake Mead National Recreation Area, AZ, NV	1,497	5.6	6.1	6.5	6.3	1,563	1,574	1,389
Natchez Trace Parkway, MS, TN, AL	50	16.6	19.2	20.2	13.5	17	18	24
Olympic National Park, WA	915	3.0	2.9	3.3	2.8	350	331	336
Ozark National Scenic Riverways, MO	81	1.9	1.8	1.9	1.4	289	267	236
Rocky Mountain National Park, CO	265	2.6	2.7	2.5	2.2	260	247	186
Sequoia National Park, CA	402	1.0	.9	1.0	1.0	419	347	441
Shenandoah National Park, VA	195	1.8	1.8	1.9	1.9	443	422	415
Valley Forge National Historical Park, PA	3	12.5	13.0	13.1	4.0	-	-	-
Yellowstone National Park, ID, MT, WY	2,220	2.4	2.4	2.3	2.2	1,317	1,292	1,285
Yosemite National Park, CA	761	2.5	2.5	2.8	2.7	2,037	1,917	2,211

- Represents zero. [1] Includes non-Federal land. [2] Includes nonrecreation visits. [3] The passing of one night by a visitor within a park, and occurs each night a visitor remains in the park. [4] Includes areas not shown separately. [5] Visits for 1983 and 1984 not comparable to 1982 due to changes in counting procedures.

Source: U.S. National Park Service, *National Park Statistical Abstract*, annual, and unpublished data.

No. 382. National Forest Recreation Use—Summary: 1984

[For year ending **September 30.** Estimated. Represents recreational use of National Forest land and water which aggregates 12 person-hours; may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. See also *Historical Statistics, Colonial Times to 1970*, series H 829-835]

Place where use occurred	Visitor-days (1,000)	Percent	Activity	Visitor-days (1,000)	Percent
Sites and areas	**227,554**	**100.0**	**Total**	**227,554**	**100.0**
Developed sites	**82,259**	**36.1**	Camping	55,454	24.4
			Picnicking	8,199	3.6
Observation sites	1,052	.4	Recreation travel (mechanized)	52,728	23.2
Boating and fishing sites	3,590	1.6	Water travel	8,437	3.7
Swimming sites, playgrounds, etc	2,273	1.0	Games and team sports	1,327	.6
Campgrounds and trailheads	37,473	16.5	Water skiing and other water sports	534	.2
Picnic grounds	4,954	2.2	Swimming and scuba diving	5,103	2.2
Hotels, lodges, and resorts	4,623	2.0	Winter sports	13,900	6.1
Organization sites	5,209	2.3	Fishing	15,604	6.9
Recreation residence sites	6,118	2.7	Hunting	15,244	6.7
Ski areas and winter sports sites	13,920	6.1	Hiking and mountain climbing	12,571	5.5
Documentary areas, concession sites, visitor centers	3,047	1.3	Horseback riding	3,545	1.6
Dispersed areas	**145,295**	**63.9**	Resort use	4,120	1.8
			Organization camp use	3,945	1.7
Roads (recreation)	53,523	23.5	Recreation cabin use	6,220	2.7
Trails (recreation)	13,054	5.8	Gathering forest products	5,426	2.4
Airfields	24	(Z)	Nature study	1,767	.8
Waters	25,644	11.3	Viewing scenery, sports, and environment	9,758	4.3
General undeveloped country	53,050	23.3	Visitor information (exhibits, talks, etc.)	3,672	1.6

Z Less than .05 percent.

Source: U.S. Forest Service, unpublished data.

NO. 383. RECREATIONAL USE OF PUBLIC LANDS ADMINISTERED BY BUREAU OF LAND MANAGEMENT: 1984

[In thousands. For year ending Sept. 30. See text, p. 221]

STATE	Number of visits	Total visitor hours	TYPE OF RECREATION USE									
			Land-based recreation activities						Water-based recreation activities			Snow- and ice-based recreational activity, winter sports
			Motorized travel		Site based							
			Offroad vehicle travel	Other motorized travel	Nonmotorized travel	Camping	Hunting	Other	Fishing	Boating	Other	
Total	**59,228**	**330,601**	**21,348**	**25,433**	**9,579**	**73,032**	**73,898**	**37,650**	**14,263**	**11,184**	**2,092**	**2,894**
AK	234	3,213	77	315	66	1,574	89	129	78	588	12	51
AZ	1,111	18,612	1,074	147	567	10,903	2,610	1,933	104	131	26	6
CA	28,201	125,369	10,961	10,643	4,856	27,633	14,396	24,368	705	2,579	1,002	25
CO	6,128	21,466	375	2,152	115	1,964	7,655	582	1,317	946	22	209
ID	3,411	54,611	1,100	1,400	1,200	8,700	31,500	1,500	2,100	2,300	300	1,100
MT [1]	4,500	12,627	320	144	93	3,487	1,644	652	665	844	203	75
NV	651	8,651	3,000	–	–	1,000	2,000	1,000	1,000	–	–	–
NM	1,731	7,733	324	484	725	547	2,496	786	302	88	154	96
OR [2]	3,746	29,442	508	3,934	929	6,868	4,352	1,726	4,120	2,477	200	582
UT	7,822	31,175	2,700	5,792	791	4,802	2,754	4,144	1,214	806	116	234
WY	1,693	17,702	909	422	237	5,554	4,402	830	2,658	424	57	516

– Represents or rounds to zero. [1] Includes North Dakota and South Dakota [2] Includes Washington.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

NO. 384. STATE PARK AND RECREATION AREAS—STATES: 1984

[For year ending June 30. Data are shown as reported by State park directors. In some States, park agency has under its control forests, fish and wildlife areas and/or other areas. In other States, agency is only responsible for State parks]

REGION, DIVISION, AND STATE	Acreage (1,000)	VISITORS (1,000)			Expenditures [1] (mil. dol.)
		Total	Day	Overnight	
U.S	**10,148**	**665,524**	**[2] 568,443**	**[2] 65,976**	**[3] 892**
Region:					
Northeast	1,535	125,455	118,031	7,424	213
Midwest	1,562	184,408	[2] 137,417	[2] 15,886	[3] 156
South	1,592	159,069	134,333	24,736	279
West	5,459	196,592	178,662	17,930	244
N. Eng	**710**	**34,695**	**32,082**	**2,613**	**45**
ME	73	2,760	2,482	278	4
NH	29	4,574	4,352	222	5
VT	170	880	538	342	[4] 2
MA	262	11,060	10,204	856	21
RI	9	6,780	6,280	500	[4] 4
CT	167	8,641	8,226	415	9
Mid. Atl	**825**	**90,760**	**85,949**	**4,811**	**168**
NY	255	47,031	44,222	2,809	97
NJ	291	8,656	8,168	488	15
PA	279	35,073	33,559	1,514	56
E. No. Cent	**917**	**136,564**	**[2] 94,357**	**[2] 11,102**	**109**
OH	111	61,146	58,466	2,680	45
IN	54	8,743	7,119	1,624	11
IL	382	31,105	(NA)	(NA)	24
MI	250	24,041	18,729	5,312	20
WI	120	11,529	10,043	1,486	9
W. No. Cent	**645**	**47,844**	**43,060**	**4,784**	**[3] 47**
MN	182	6,368	5,723	645	17
IA	81	13,646	13,202	444	(NA)
MO	106	9,822	8,843	979	13
ND	18	964	850	114	2
SD	91	5,144	4,801	343	4
NE	136	7,852	6,936	916	6
KS	36	4,048	2,705	1,343	5

DIVISION AND STATE	Acreage (1,000)	VISITORS (1,000)			Expenditures [1] (mil. dol.)
		Total	Day	Overnight	
So. Atl	**946**	**61,800**	**54,185**	**7,615**	**111**
DE	10	3,131	2,681	450	3
MD	226	5,638	5,023	615	12
VA	49	3,242	2,742	500	6
WV	149	8,656	7,836	820	14
NC	120	5,782	5,510	272	7
SC	78	9,487	8,419	1,068	11
GA	60	10,888	8,166	2,722	20
FL	254	14,976	13,808	1,168	38
E. So. Cent	**277**	**53,842**	**50,107**	**3,735**	**96**
KY	43	23,942	22,861	1,081	45
TN	166	19,998	18,595	1,403	25
AL	48	5,441	4,657	784	12
MS	20	4,461	3,994	467	14
W. So. Cent	**369**	**43,427**	**30,041**	**13,386**	**72**
AR	44	6,329	5,652	677	14
LA	36	1,145	876	269	8
OK	94	17,283	7,316	9,967	16
TX	195	18,670	16,197	2,473	34
Mt	**773**	**30,784**	**26,261**	**4,523**	**46**
MT	47	3,886	3,348	538	4
ID	41	1,836	1,674	162	3
WY	125	2,057	1,168	889	3
CO	160	7,158	6,681	477	12
NM	118	5,367	3,757	1,610	10
AZ	34	1,996	1,774	222	3
UT	96	4,555	4,143	412	9
NV	152	3,929	3,716	213	2
Pac	**4,686**	**165,808**	**152,401**	**13,407**	**198**
WA	220	40,518	38,385	2,133	21
OR	89	35,820	34,150	1,670	14
CA	1,208	65,787	59,020	6,767	150
AK	3,144	4,560	1,824	2,736	[4] 8
HI	25	19,123	19,022	101	5

NA Not available. [1] Covers operating expenditures and fixed capital outlay expenditures. [2] Excludes Illinois.
[3] Excludes Iowa. [4] Excludes capital outlay expenditures.

Source: National Association of State Park Directors, Indianapolis, IN, *Annual Information Exchange*.

No. 385. Personal Consumption Expenditures for Recreation: 1970 to 1984

[In millions of dollars, except percent. Represents market value of purchases of goods and services by individuals and nonprofit institutions. See *Historical Statistics, Colonial Times to 1970*, series H 878-893, for figures issued prior to 1981 revisions]

TYPE OF PRODUCT OR SERVICE	1970	1975	1979	1980	1981	1982	1983	1984
Total recreation expenditures	**41,322**	**65,554**	**98,850**	**107,119**	**120,641**	**127,829**	**141,275**	**157,123**
Percent of total personal consumption [1]	6.6	6.7	6.6	6.4	6.5	6.4	6.6	6.7
Books and maps	2,903	3,775	6,107	6,562	7,316	7,749	8,376	9,325
Magazines, newspapers, sheet music	4,005	5,640	7,882	8,581	9,108	9,447	9,630	10,189
Nondurable toys and sport supplies	5,474	8,523	12,765	13,795	15,188	15,987	18,134	20,288
Wheel goods, durable toys, sports equipment [2]	5,146	9,734	15,135	15,333	16,686	16,830	18,739	21,051
Radio and TV receivers, records, musical instruments	8,436	13,970	20,860	22,221	24,359	24,675	26,867	30,871
Radio and television repair	1,279	2,246	2,975	3,343	3,422	3,478	3,679	4,091
Flowers, seeds, and potted plants	1,775	2,965	4,452	4,871	5,406	5,569	6,257	6,738
Admissions to specified spectator amusements	3,210	3,591	6,284	6,438	6,864	7,540	8,252	9,067
Motion picture theaters	1,536	1,480	2,946	2,750	2,966	3,453	3,766	4,156
Legitimate theaters and opera, and entertainments of nonprofit institutions [3]	501	667	1,223	1,431	1,642	1,716	1,908	2,088
Spectator sports	1,173	1,444	2,115	2,257	2,256	2,371	2,578	2,823
Clubs and fraternal organizations [4]	1,216	1,654	2,072	2,278	2,523	2,753	2,955	3,139
Commercial participant amusements [5]	2,189	3,815	5,384	6,076	8,389	9,476	10,847	12,015
Parimutuel net receipts	1,096	1,568	1,762	1,859	1,965	1,951	1,974	2,060
Other [6]	4,593	8,273	13,172	15,762	19,415	22,374	25,565	28,289

[1] See table 726. [2] Includes boats and pleasure aircraft. [3] Except athletic. [4] Consists of dues and fees excluding insurance premiums. [5] Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; private flying operations and other commercial participant amusements. [6] Consists of net receipts of lotteries and expenditures for purchase of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, and recreational services, not elsewhere classified.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-1976;* and *Survey of Current Business*, July issues.

No. 386. Quantity of Books Sold and Value of U.S. Domestic Consumer Expenditures, by Type of Publication and Market Area: 1974 to 1984

[Includes all titles released by publishers in the U.S. and imports which appear under the imprints of American publishers. Multi-volume sets, such as encyclopedias, are counted as one unit].

TYPE OF PUBLICATION AND MARKET AREA	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
UNITS SOLD (mil.)											
Total [1]	**1,411**	**1,405**	**1,435**	**1,529**	**1,609**	**1,644**	**1,862**	**1,902**	**1,924**	**2,045**	**2,092**
Hardbound, total	467	459	460	484	512	534	686	738	690	753	768
Softbound, total	944	946	975	1,045	1,097	1,110	1,177	1,164	1,233	1,292	1,324
Trade	272	248	260	287	323	327	483	490	518	620	662
Adult	187	166	176	194	217	226	370	373	356	408	428
Juvenile	85	81	84	93	106	101	112	116	162	212	234
Religious	62	81	94	106	112	108	153	150	157	153	151
Professional	46	44	47	51	50	53	104	110	125	139	146
Bookclubs	196	188	207	212	231	221	128	126	121	121	114
Elhi text	270	257	242	247	252	261	218	218	220	221	232
College text	83	84	84	84	89	92	118	120	119	122	116
Mail order publications	30	33	40	40	43	46	146	162	136	120	122
Mass market paperbacks	443	461	452	494	500	527	496	507	516	540	539
General retailers	533	524	561	618	664	682	841	867	911	1,019	1,054
College stores	183	177	187	197	201	189	242	245	251	266	266
Libraries and institutions	59	61	63	66	70	72	93	89	88	89	90
Schools	304	307	289	301	305	319	271	260	257	253	264
Direct to consumers	262	260	289	300	317	320	328	346	320	309	304
Other	70	82	52	47	52	61	80	89	96	109	114
CONSUMER EXPENDITURES (mil. dol.)											
Total [1]	**3,954**	**4,518**	**5,057**	**5,762**	**6,612**	**7,309**	**8,683**	**7,373**	**7,759**	**8,715**	**9,368**
Hardbound, total	2,712	3,011	3,336	3,707	4,247	4,715	4,530	5,025	5,119	5,768	6,159
Softbound, total	1,242	1,507	1,721	2,055	2,365	2,594	2,154	2,348	2,639	2,946	3,209
Trade	897	982	1,071	1,265	1,506	1,629	1,399	1,548	1,616	1,984	2,185
Adult	711	776	859	1,033	1,239	1,345	1,148	1,276	1,322	1,638	1,796
Juvenile	186	206	212	232	267	284	252	272	294	346	389
Religious	206	291	350	401	432	480	401	432	474	551	589
Professional	441	493	565	645	775	868	1,208	1,377	1,539	1,756	1,903
Bookclubs	287	312	360	396	455	493	473	497	504	530	519
Elhi text	605	663	662	739	817	913	871	922	992	1,098	1,250
College text	482	607	665	720	828	926	903	1,019	1,127	1,243	1,301
Mail order publications	253	297	378	405	452	499	566	655	561	522	540
Mass market paperbacks	477	588	691	860	965	1,073	557	616	674	762	811
General retailers	1,150	1,369	1,594	1,889	2,221	2,542	3,341	3,859	4,224	5,147	5,599
College stores	685	812	911	1,047	1,199	1,231	1,603	1,833	2,037	2,326	2,477
Libraries and institutions	323	388	434	486	556	605	846	886	951	1,017	1,081
Schools	771	838	846	954	1,053	1,177	1,176	1,217	1,277	1,352	1,513
Direct to consumers	960	1,017	1,203	1,305	1,488	1,659	1,764	1,959	1,897	1,985	2,051
Other	65	93	71	81	95	94	124	144	163	201	221

[1] Includes university press publications and subscription reference works not shown separately by type.

Source: Book Industry Study Group, Inc., New York, NY, *Book Industry Trends*, annual. (Copyright.)

NO. 387. NEW BOOKS AND NEW EDITIONS PUBLISHED, BY SUBJECT, 1970 TO 1984, AND IMPORTS, 1979 TO 1984

[Prior to 1979, book entries comprise all titles submitted for listing in Bowker's *Weekly Record* during calendar ye... Beginning 1979, covers listings in year shown, plus titles issued in that year which were listed in following six months. Co...prises new books (published for first time) and new editions (with changes in text or format). Excludes government publications; books sold only by subscription; dissertations; periodicals and quarterlies; and pamphlets under 49 pages. Data for imports in 1982 are not available. See also *Historical Statistics, Colonial Times to 1970*, series R 191-216]

SUBJECT	NEW BOOKS AND NEW EDITIONS								IMPORTS				
	1970	1975	1979	1980	1981	1982	1983	1984	1979	1980	1981	1983	1984
Total	**36,071**	**39,372**	**45,182**	**42,377**	**[1] 46,793**	**46,935**	**53,380**	**51,058**	**5,458**	**5,390**	**3,830**	**5,918**	**6,337**
Agriculture	265	456	538	461	474	439	572	507	117	104	65	87	103
Art	1,169	1,561	2,021	1,691	1,693	1,722	1,896	1,836	230	157	124	137	61
Biography	1,536	1,968	2,042	1,891	1,860	1,752	2,135	2,098	173	126	79	150	240
Business	797	820	1,362	1,185	1,342	1,327	1,636	1,696	79	74	46	132	140
Education	1,178	1,038	1,121	1,011	1,172	1,046	1,059	1,052	169	133	93	140	190
Fiction	3,137	3,805	3,264	2,835	5,655	5,419	5,470	5,413	71	71	56	127	164
General reference	846	1,113	1,471	1,643	1,743	2,398	2,767	3,021	150	132	104	241	268
History	1,995	1,823	2,160	2,220	2,321	2,177	2,296	2,257	299	296	186	291	324
Home economics	321	728	897	879	1,108	1,099	1,325	1,306	51	40	9	43	41
Juvenile	2,640	2,292	3,052	2,859	3,102	3,049	3,197	3,128	43	58	32	72	69
Language	472	438	560	529	761	576	669	670	137	134	75	160	179
Law	604	915	1,218	1,102	1,448	1,451	1,756	1,406	91	112	82	141	158
Literature	3,085	1,904	1,749	1,686	1,777	1,742	1,957	2,006	194	183	124	200	238
Medicine	1,476	2,282	3,257	3,292	3,788	3,229	4,002	3,554	540	671	455	474	508
Music	404	305	389	357	398	346	417	387	34	35	28	60	54
Philosophy, psychology	1,280	1,374	1,377	1,429	1,465	1,465	1,578	1,554	152	218	148	163	211
Poetry and drama	1,474	1,501	1,361	1,179	1,183	1,049	1,234	1,164	139	120	97	168	174
Religion	1,788	1,773	2,325	2,055	2,278	2,075	2,433	2,482	136	94	73	119	160
Science	2,358	2,942	3,156	3,109	3,375	3,124	3,620	3,236	890	1,069	752	1,042	1,032
Sociology, economics	5,912	6,590	7,715	7,152	7,801	7,449	8,470	7,794	1,236	1,050	835	1,294	1,373
Sports, recreation	799	1,225	1,122	971	1,264	1,191	1,335	1,299	125	85	52	136	137
Technology	1,141	1,720	2,391	2,337	2,313	2,328	2,994	2,639	328	373	283	481	454
Travel	1,394	794	634	504	472	482	562	551	74	55	32	60	61

[1] Increase is due largely to a major improvement in the recording of paperbound books.

Source: R. R. Bowker Co., New York, NY, *Publishers Weekly*. (Copyright by Xerox Corporation.)

NO. 388. BOOKS AND PERIODICALS—AVERAGE RETAIL PRICES: 1975 TO 1985

[See headnote, table 387]

SUBJECT	HARDCOVER BOOKS (per vol.)				SUBJECT	PERIODICALS [3]			
	1975	1980	1983	1984		1975	1980	1984	1985
Total [1]	**$16.19**	**$24.64**	**$31.19**	**$30.00**	**Total**	**$19.94**	**$34.54**	**$54.97**	**$59.70**
Agriculture	13.72	27.55	33.39	34.92	Agriculture	9.70	15.24	24.06	26.05
Art	17.90	27.70	33.79	33.03	Business and economics	15.26	25.42	38.87	44.41
Biography	14.09	19.77	22.40	22.53	Chemistry and physics	76.84	137.45	228.90	238.43
Business	16.54	22.45	27.72	26.01	Children's periodicals	4.69	7.85	12.21	13.31
Education	10.81	17.01	21.56	24.47	Engineering	26.64	49.15	78.70	84.38
Fiction	8.31	12.46	14.29	14.74	Fine and applied arts	11.09	18.67	26.90	27.03
General reference	21.60	29.84	37.45	35.61	History	11.14	15.77	23.68	25.55
History	15.85	22.78	24.96	27.53	Home economics	14.24	24.63	37.15	41.04
Home economics	10.27	13.31	16.62	15.70	Industrial arts	10.59	20.70	30.40	35.09
Juvenile	5.82	8.16	9.73	10.02	Journalism, communications	14.70	27.34	39.25	46.08
Language	15.80	22.16	23.80	22.97	Labor and industrial relations	7.40	18.84	29.87	34.75
Law	23.22	33.25	39.09	43.68	Law	15.00	23.00	31.31	35.15
Literature	14.89	18.70	23.63	28.57					
Medicine	22.15	34.28	39.84	40.74	Library and information science	14.18	23.25	38.85	40.66
Music	14.83	21.79	25.77	27.79	Literature and languages	10.41	15.30	23.02	24.18
Philosophy, psychology	12.75	21.70	25.72	29.70	Mathematics, botany, geology, and general science	35.95	67.54	106.56	116.93
Poetry and drama	10.76	17.85	22.42	26.75	Medicine	42.38	73.37	125.57	137.92
Religion	11.16	17.61	16.74	17.76	Philosophy and religion	9.05	14.73	21.94	24.30
Science	22.81	37.45	47.04	46.57	Education	14.72	23.45	34.01	37.81
Sociology, economics	21.65	31.76	43.34	33.35	Physical education and recreation	7.80	13.83	20.54	23.72
Sports, recreation	10.97	15.92	20.05	20.16	Political science	12.79	19.30	32.43	32.72
Technology	19.66	33.64	41.14	45.80	Psychology	27.51	41.95	69.74	76.34
Travel	15.43	16.80	21.65	21.31	Sociology and anthropology	14.85	27.56	43.87	50.87
Paperbacks:					Zoology	27.37	44.58	78.35	90.75
Mass market [2]	1.46	(NA)	3.13	3.41	General interest periodicals	14.36	19.87	27.90	26.41
Trade or other	5.24	8.60	11.79	13.86					

NA Not available. [1] Excludes publications of U.S. and other governmental units, books sold only by subscription, and dissertations. [2] "Pocket-sized" books sold primarily through magazine and news outlets, supermarkets, variety stores, etc. [3] Average annual subscription prices.

Source: R. R. Bowker Co., New York, NY, books, *Publishers Weekly*, Aug. 23, 1985; *The Bowker Annual of Library and Book Trade Information*; periodicals, *Library Journal*, Aug. 1985 and earlier issues. (Copyright by Xerox Corporation.)

No. 389. Selected Characteristics of Readers—Percent Distribution: 1983

[Covers persons 16 years old and over. Book reader is one who read one or more books in the six months prior to the survey; a non-book reader read newspapers or magazines but no books in the previous six months; and a nonreader did not read a book, newspaper, or magazine. Based on a sample survey of 1,429 respondents]

CHARACTERISTICS	Book reader	Non-book reader	Non-reader	CHARACTERISTICS	Book reader	Non-book reader	Non-reader
All persons	**50**	**44**	**6**	Educational attainment:			
Male	42	52	6	High school or less	40	53	8
Female	57	37	6	Some college	68	29	3
				College or more	75	24	1
White	52	44	4	Household income:			
Other races	38	47	15	Less than $15,000	35	54	11
				$15,000–$24,999	53	41	6
16–20 years	62	31	8	$25,000–$39,999	59	39	3
21–29 years	60	36	3	$40,000 and over	70	29	1
30–39 years	58	39	3	Region:			
40–49 years	55	39	6	Northeast	49	46	5
50–64 years	39	54	6	Midwest	47	49	5
65 years and over	29	61	10	South	48	45	7
				West	59	34	7

Source: Book Industry Study Group, Inc., *1983 Consumer Research Study on Reading and Book Purchasing.* (Copyright.)

No. 390. Phonograph Records and Magnetic Tapes—Summary: 1975 to 1984

[Domestic shipments based on reports of manufacturers representing more than 85 percent of the market. Domestic value data based on list prices of records and tapes]

TYPE OF RECORD OR TAPE	NUMBER (mil.)						VALUE (mil. dol.)					
	1975	1980	1981	1982	1983	1984	1975	1980	1981	1982	1983	1984
Domestic shipments, total	**532**	**684**	**635**	**578**	**578**	**680**	**2,378**	**3,862**	**3,970**	**3,642**	**3,814**	**4,370**
Phonograph records	421	487	450	379	334	336	1,696	2,560	2,598	2,208	1,958	1,848
Long-playing albums	257	323	295	244	210	205	1,485	2,290	2,342	1,925	1,689	1,549
Singles	164	164	155	137	125	132	212	269	256	283	269	299
Pre-recorded	111	197	186	197	243	338	682	1,303	1,372	1,434	1,839	2,420
8-track cartridges	95	86	49	14	6	6	583	526	309	49	28	36
Cassettes	16	110	137	182	237	332	99	776	1,063	1,385	1,811	2,384
Compact disc	–	–	–	–	1	6	–	–	–	–	17	103
Imports for consumption [1]	**16**	**214**	**249**	**298**	**310**	**404**	**61**	**221**	**276**	**308**	**401**	**595**
Phonograph records	9	18	23	24	18	26	12	34	49	51	39	51
Pre-recorded tapes	7	20	20	36	52	54	3	13	11	23	47	102
Blank tapes	–	176	206	238	240	324	46	174	216	234	315	442

– Represents zero. [1] Source: U.S. Bureau of the Census, *U.S. Imports for Consumption and General Imports,* Report FT 246, annual. Number represents net quantity imported. For 1975–1981, value reported on f.a.s. (free alongside ship) transaction basis; beginning 1982, customs value basis.

Source: Except as noted, Recording Industry Association of America, Inc., New York, NY, press release.

No. 391. Consumer Electronics—Shipments and Retail Value: 1983 and 1984

[Compiled from reports of associations and manufacturers. Retail value represents median price of product times the number of units shipped]

PRODUCT	MANUFACTURERS SHIPMENTS (1,000)		RETAIL VALUE (mil. dol.)		PRODUCT	MANUFACTURERS SHIPMENTS (1,000)		RETAIL VALUE (mil. dol.)	
	1983	1984	1983	1984		1983	1984	1983	1984
Video:					**Personal electronics—Con.**				
TV, B&W	5,761	5,068	614	518	Radar detectors	710	942	110	137
TV, color	13,939	15,946	6,695	7,297	Radios, citizen band	1,592	1,637	125	126
TV, projection	142	192	285	347	Radios, specialty	8,107	8,279	(NA)	(NA)
Videocassette recorders	4,020	7,143	2,303	3,444	Watches, quartz	54,939	53,947	1,732	1,770
Video cameras	410	484	358	380	**Telephone equipment:**				
Videodisc players	312	188	106	54	Cellular telephones	(NA)	85	(NA)	162
Audio/hifi:					Corded telephones	15,058	22,930	1,168	894
Autosound	21,132	21,815	1,851	1,953	Cordless telephones	4,488	5,500	610	598
Components	8,599	8,378	1,518	1,510	Telephone answering devices	2,094	2,628	264	298
Tape decks	880	890	172	161	**Computers & videogames:**				
Cartridges (excl. OEM)	3,774	3,585	122	114	Personal computers	4,500	5,000	(NA)	(NA)
Headphones	2,809	3,090	125	134	Videogames	6,280	3,125	486	194
Compact systems	2,748	2,565	550	491	**Software:**				
Personal portable stereos	6,253	7,156	(NA)	(NA)	Blank audiotape	263,501	271,025	654	647
Portable tape equipment	28,903	27,494	1,441	1,336	Blank videotape	61,690	98,353	725	925
Racked systems	540	810	358	492	Beta	15,870	25,392	175	224
Radios	28,188	27,391	863	823	VHS	45,820	72,961	550	700
Electronics furniture	**5,188**	**5,920**	**668**	**830**	Prerecorded videotape	9,606	19,690	521	963
Personal electronics:					Beta	2,633	4,922	131	221
Calculators	30,895	31,400	925	946	VHS	6,973	14,768	389	742
Hand-held	26,023	26,500	459	472	Videodiscs	5,368	6,000	(NA)	(NA)
Electronic typewriters	350	650	109	154	Blank floppy disks	193,000	241,250	(NA)	(NA)
Non-video electronic games	14,047	9,130	(NA)	(NA)	Videogame cartridges	68,320	51,250	1,700	765

NA Not available.

Source: Gralla Publications, Inc., New York, NY, *Merchandising,* 63rd Annual Statistical and Marketing Report.

No. 392. Selected Spectator Sports: 1970 to 1984

[See also *Historical Statistics, Colonial Times to 1970*, series H 865-870 and H 872]

SPORT	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984
Baseball, major leagues: [1] [2]										
Attendance	1,000	29,191	30,373	41,402	44,262	43,746	[3] 27,285	45,415	46,269	45,262
Regular season	1,000	28,747	29,789	40,637	43,550	43,014	[3] 26,544	44,587	45,540	44,742
National League	1,000	16,662	16,600	20,107	21,178	21,124	[3] 12,478	21,507	21,549	20,781
American League	1,000	12,085	13,189	20,530	22,372	21,890	[3] 14,066	23,080	23,991	23,961
Playoffs	1,000	191	276	428	344	407	403	443	425	248
World Series	1,000	253	308	337	368	325	338	385	304	272
Basketball: [4]										
Men's:										
College: [5] Teams	Number	(NA)	(NA)	1,253	1,240	1,258	1,275	1,264	1,266	1,260
Attendance	1,000	(NA)	(NA)	29,104	30,025	30,692	30,935	31,106	31,471	31,684
Women's:										
College: Teams	Number	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1,095	1,114	1,147
Attendance	1,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4,203	4,269	4,812
Pro: [6] Teams	Number	14	18	22	22	22	23	23	23	23
Attendance, total [1] [7]	1,000	4,912	7,591	10,687	10,697	10,697	10,235	10,732	10,262	11,110
Regular season	*1,000*	*4,341*	*6,892*	*9,874*	*9,761*	9,938	9,449	9,989	9,638	10,015
Average per game	Number	7,563	9,339	10,947	10,822	11,017	10,021	10,593	10,220	10,620
Playoffs	1,000	556	685	798	904	740	765	727	606	1,096
Football:										
College: [5] Teams	Number	617	634	643	643	642	648	649	651	654
Attendance	1,000	29,466	31,688	34,252	35,020	35,541	35,807	36,539	36,302	36,652
National Football League: [8]										
Attendance, total	1,000	10,071	10,769	13,476	13,916	14,092	14,326	[3] 8,504	13,953	14,053
Regular season	1,000	9,533	10,213	12,771	13,182	13,392	13,607	[3] 7,367	13,277	13,398
Average per game	Number	52,381	56,116	57,017	58,848	59,787	60,745	58,472	59,273	59,613
Postseason games [9]	1,000	538	556	704	734	700	719	[3] 1,137	676	655
U.S. Football League, attendance [10]	1,000	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2,681	4,394
North American Soccer League: [11]										
Teams	Number	6	20	24	24	24	21	14	12	9
Attendance	1,000	(NA)	1,825	5,351	5,800	6,194	5,429	3,251	2,669	1,158
National Hockey League: [1] [12]										
Regular season attendance	1,000	5,992	9,522	8,526	8,333	[13] 10,534	10,726	10,710	11,021	11,359
Playoffs attendance	1,000	462	784	686	694	[13] 977	966	1,058	1,008	1,107
Horseracing: [14] [15]										
Racing days	Number	9,962	13,110	13,147	13,160	13,133	13,464	13,523	13,545	13,683
Attendance	1,000	69,704	78,662	75,324	72,783	74,690	75,463	76,858	75,693	74,076
Parimutuel turnover	Mil. dol	5,977	7,862	10,029	10,728	11,218	11,677	*11,866*	*11,733*	*12,032*
Revenue to government	Mil. dol	486	582	673	681	713	680	653	639	650
Greyhound: [14]										
Racing days	Number	3,023	3,960	5,501	6,110	5,855	6,379	6,499	8,257	8,661
Attendance	1,000	12,660	17,458	20,272	21,127	20,874	21,424	21,375	22,140	22,076
Parimutuel turnover	Mil. dol	730	1,261	1,746	1,985	2,064	2,173	2,179	2,306	2,421
Revenue to government	Mil. dol	53	91	128	145	152	152	160	170	177

NA Not available. X Not applicable. [1] Excludes Alaska and Hawaii. [2] Source: The National League of Professional Baseball Clubs, New York, NY, *National League Green Book;* and The American League of Professional Baseball Clubs, New York, NY, *American League Red Book.* [3] Season was interrupted by strike. [4] Season ending in year shown. [5] Source: National Collegiate Athletic Assn., Mission, KS. [6] Source: National Basketball Assn., New York, NY. Includes playoffs. [7] Includes All-Star game. [8] Source: National Football League, New York, NY. [9] Includes Pro Bowl, a non-championship game and Super Bowl. [10] Source: U.S. Football League, New York, NY. [11] Source: North American Soccer League, New York, NY. [12] Source: National Hockey League, Montreal, Quebec. [13] World Hockey Association ceased operation after 1978–1979 season. Four former WHA teams joined NHL in 1979–1980 season. [14] Source: National Assn. of State Racing Commissioners, Lexington, KY. [15] Includes thoroughbred, harness, quarter horse, and fairs.

Source: Compiled from sources listed in footnotes.

No. 393. Adult Participation in Leisure Time Activities, by Selected Type: 1984

[As of early Dec. 1984. Based on national sample survey of 1,500 households conducted by the Gallup Organization, Inc.]

TYPE OF ACTIVITY	Number (mil.)	Percent [1]	TYPE OF ACTIVITY	Number (mil.)	Percent [1]	TYPE OF ACTIVITY	Number (mil.)	Percent [1]
Flower gardening	40	47	Billiard, pool	15	18	Tennis	9	11
Swimming	35	41	Softball	15	18	Canoeing/rowing	9	10
Vegetable gardening	34	40	Calisthentics	13	15	Roller skating	8	9
Bicycling	28	33	Motor boating	12	14	Horseback riding	7	8
Fishing	26	30	Volleyball	12	14	Target shooting	7	8
Camping	20	23	Basketball	11	13	Skiing	6	7
Jogging	19	22	Hunting	11	13	Waterskiing	6	7
Bowling	18	21	Golf	10	12	Raquetball	5	6
Aerobics	17	20	Ping pong/table tennis	10	12	Sailing	5	6
Weight-training	16	19	Baseball	9	11	Touch football/flag	5	6

[1] Percent of U.S. adults 18 years and over.

Source: The National Gardening Association, Burlington, VT, unpublished data. Based on data from the Gallup Organization, Princeton, NJ.

No. 394. Selected Recreational Activities: 1970 to 1984

[See also *Historical Statistics, Colonial Times to 1970*, series H 862-864, H 871, H 874, and H 877]

Activity	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984
Softball, amateur: [1]										
Total participants [2]	Million	16	26	29	30	30	30	30	30	35
Youth participants	1,000	255	450	570	600	650	685	690	700	700
Adult teams [3]	1,000	29	66	92	102	110	117	133	146	146
Youth teams [3]	1,000	2	9	14	15	18	20	22	27	29
Golfers (15 rounds or more) [4]	1,000	9,700	12,036	12,655	12,870	13,000	13,650	14,100	14,300	14,500
Golf courses [5]	Number	10,188	12,306	12,684	12,788	12,849	12,894	13,013	13,084	13,181
9-hole	Number	5,343	6,024	5,985	6,001	5,993	5,950	5,954	5,959	5,951
18-hole and larger	Number	4,845	6,282	6,699	6,787	6,856	6,944	7,059	7,125	7,230
Classification:										
Private	Number	4,619	5,085	5,168	5,146	5,151	5,103	5,123	5,137	5,164
Daily fee	Number	4,248	5,473	5,622	5,702	5,741	5,802	5,871	5,915	5,961
Municipal	Number	1,321	1,748	1,894	1,940	1,957	1,989	2,019	2,032	2,056
Tennis: [6]										
Players	1,000	10,655	[7] [8] 29,201	[7] 31,217	[7] 32,271	(NA)	(NA)	[7] 25,450	(NA)	(NA)
Indoor	1,000	(NA)	[7] [8] 4,072	(NA)	5,760	(NA)	(NA)	[7] 4,015	(NA)	(NA)
Courts	1,000	(NA)	130	(NA)	160	(NA)	180	185	200	200
Indoor	1,000	(NA)	8	(NA)	12	(NA)	11	11	13	14
Tenpin bowling: [9]										
Participants, total [10]	Million	51.8	62.5	63.7	(NA)	72.0	(NA)	68.9	(NA)	67.0
Male	Million	24.8	29.9	32.7	(NA)	34.0	(NA)	32.2	(NA)	32.0
Female	Million	27.0	32.6	31.0	(NA)	38.0	(NA)	36.7	(NA)	35.0
Establishments	Number	9,140	8,577	8,698	8,699	8,591	8,528	8,481	8,404	8,351
Lanes	1,000	141	141	152	154	154	154	154	154	155
Membership, total [11]	1,000	7,733	8,751	9,717	9,649	9,595	9,621	9,550	9,269	8,401
American Bowling Congress	1,000	4,210	4,300	4,686	4,662	4,688	4,645	4,685	4,556	3,791
Women's Bowling Congress	1,000	2,988	3,692	4,177	4,163	4,118	4,049	4,065	3,947	3,866
Young American Bowling Alliance [12]	1,000	535	759	854	824	789	927	800	765	744
Motion picture theaters [13] [14]	1,000	14	15	16	17	18	18	18	19	20
Four-wall	1,000	10	11	13	13	14	15	15	16	17
Drive-in	1,000	4	4	3	4	4	3	3	3	3
Receipts, box office	Mil. dol	1,225	2,115	2,643	2,821	2,749	2,966	3,453	3,766	4,031
Admission, average price	Dollars	1.55	2.05	2.34	2.52	2.69	2.78	2.94	3.15	3.36
Attendance	Million	921	1,033	1,128	1,121	1,022	1,067	1,175	1,197	1,199
Bicycles: [15]										
Domestic shipments	Million	5.0	5.6	7.5	9.0	7.0	6.8	5.2	6.3	5.9
Imports	Million	1.9	1.7	1.9	1.8	2.0	2.1	1.6	2.7	4.2
Boating: [16]										
Recreational boats owned	Million	8.8	9.7	11.3	11.6	11.8	12.5	12.9	13.0	13.5
Outboard boats	Million	5.2	5.7	6.6	6.7	6.8	7.0	7.1	7.2	7.3
Inboard boats	Million	.6	.8	1.1	1.3	1.2	1.2	1.3	1.3	1.4
Sailboats	Million	.6	.8	.9	.9	1.0	1.0	1.1	1.1	1.1
Canoes	Million	2.4	2.4	2.7	1.2	1.3	1.4	1.5	1.6	1.7
Rowboats and other	Million				1.5	1.5	1.9	1.9	1.8	1.8
Expenditures, total [17]	Bil. dol	3.4	4.8	6.7	7.5	7.4	8.3	8.1	9.4	12.3
Outboard motors in use	1,000	7,215	7,649	7,880	7,958	8,241	8,527	8,776	9,051	9,400
Motors sold	1,000	430	435	450	375	315	318	293	337	411
Value, retail	Mil. dol	281	411	634	597	554	698	759	964	1,294
Outboard boats sold	1,000	276	328	331	322	290	281	236	273	317
Value, retail	Mil. dol	177	263	430	469	408	431	409	502	708
Inboard/outdrive boats sold	1,000	43	70	90	89	56	51	55	79	108
Value, retail	Mil. dol	182	420	819	827	616	653	686	975	1,442
Snowmobiles: [18]										
Factory sales	1,000	172	144	109	84	62	40	29	27	28
Apparent consumption [19]	1,000	405	145	137	136	86	57	55	53	64

NA Not available. [1] Source: Amateur Softball Association, Oklahoma City, OK. [2] Amateur Softball Association teams and other amateur softball teams. [3] Amateur Softball Association teams only. [4] Source: National Golf Foundation, North Palm Beach, FL. [5] Prior to 1975, figures represent facilities. [6] Source: U.S. Tennis Association, Princeton, NJ. [7] Survey by A. C. Nielsen Co. [8] 1976 data. [9] Source: American Bowling Congress, Greendale, WI. Season ending in year shown. [10] Persons 5 years old and over. Source: National Bowling Council, Washington, DC. [11] Beginning 1978, covers members in U.S. only. [12] Prior to 1982, represents American Jr. Bowling Congress and ABC/WIBC Collegiate Division. [13] Source: Motion Picture Association of America, Inc., New York, NY. [14] Prior to 1975, figures represent theaters; thereafter, screens. [15] Source: Bicycle Manufacturers Association of America, Inc., Washington, DC. [16] Source: National Marine Manufacturers Association, Chicago, IL. [17] Represents estimated expenditures for new and used boats, motors, accessories, safety equipment, fuel, insurance, docking, maintenance, storage, repairs, and other expenses. [18] Source: U.S. International Trade Commission. Estimated. [19] Factory sales plus imports minus exports.

Source: Compiled from sources listed in footnotes.

No. 395. Participation in Outdoor Recreation Activities, by Selected Characteristics: 1983

[Represents percent of respondents who said they participated once or more during 12 months prior to interview. Covers persons 12 years old and over and period from September 1982 to June 1983. Based on a sample survey of 5,757 conducted by the Bureau of the Census]

Activity	All persons	Sex		Race		Age				Education			Family income (dol.)				
		Male	Female	White	Black	12–24 yr.	25–39 yr.	40–59 yr.	60 yr. and over	Did not finish high school	High school but not 4 yr. college	4 yr. college	Under 5,000	5,000–14,999	15,000–24,999	25,000–49,999	50,000 and over
Walking for pleasure	53	45	61	54	49	57	58	53	42	35	56	67	45	46	54	61	62
Swimming	53	56	51	56	32	79	65	41	16	19	52	66	34	39	57	68	72
Visiting zoos, fairs, amusement parks	50	50	51	51	40	65	62	41	26	26	51	61	32	40	55	62	62
Picnics	48	45	51	49	42	52	59	46	29	29	51	61	36	41	53	56	58
Driving for pleasure	48	47	49	50	35	48	59	46	35	31	54	59	29	43	53	55	60
Sightseeing	46	45	46	47	36	46	54	47	31	27	50	63	27	38	48	57	67
Attending sports events	40	44	36	41	33	55	44	36	16	15	39	51	24	30	43	51	61
Fishing	34	47	23	35	27	43	40	31	17	26	35	30	24	30	38	38	35
Bicycling	32	33	32	33	29	55	37	22	7	11	28	37	23	24	35	41	42
Boating	28	32	24	31	6	38	35	25	9	11	28	41	16	20	27	39	43
Canoeing or kayaking	8	10	7	9	1	14	9	6	1	1	7	13	6	5	8	12	10
Sailing	6	7	5	7	1	9	7	5	2	1	4	14	4	3	5	9	14
Motorboating	19	22	16	21	3	25	23	17	7	8	19	25	10	13	18	27	32
Running or jogging	26	30	23	26	30	51	31	13	2	6	20	34	21	20	27	33	37
Attending concerts, plays, etc	25	25	26	26	21	34	29	22	12	10	24	40	17	21	24	32	38
Camping	24	28	22	27	6	36	30	19	6	10	25	27	15	19	29	31	25
Backpacking	5	6	3	5	1	9	5	2	(z)	(z)	4	7	3	3	5	7	5
Outdoor team sports	24	30	18	24	27	50	26	11	2	7	19	23	22	20	25	29	28
Tennis	17	18	16	17	13	32	20	10	1	2	13	31	12	11	18	22	37
Day hiking	14	15	13	15	3	19	17	12	5	3	13	25	10	10	13	18	25
Golfing	13	20	7	14	3	16	13	13	7	4	12	24	6	6	13	20	27
Birdwatching, nature study	12	11	12	13	5	10	12	12	13	6	13	17	9	10	12	14	19
Hunting	12	22	3	12	7	15	13	13	5	10	13	7	8	12	14	14	8
Off-road vehicle driving [1]	11	14	8	12	3	20	11	6	2	3	10	10	9	8	10	15	13
Sledding	10	12	9	12	2	22	11	5	(z)	1	7	11	9	6	12	13	15
Waterskiing	9	11	7	11	(z)	17	12	4	(z)	2	8	12	5	6	10	13	14
Snow skiing	9	10	7	10	1	15	11	5	1	1	6	18	5	5	7	13	21
Horseback riding	9	8	10	10	4	18	10	5	1	2	8	9	7	6	9	11	15
Ice skating	6	6	6	7	1	15	6	3	(z)	1	4	8	5	3	7	10	11
Other activities	4	4	3	4	1	3	4	4	3	2	4	5	4	3	4	4	9
No participation	11	8	14	10	18	3	5	13	30	29	9	5	28	18	6	4	3

Z Less than .5 percent [1] Includes motorcycles; excludes snowmobiles.

Source: National Park Service, and U.S. Bureau of the Census, *1982–1983 National Recreation Survey*, 1985.

No. 396. Home Gardening—Summary: 1975 to 1984

[Based on national sample survey conducted by the Gallup Organization. Prior to 1983, survey respondents were questioned only about their own gardening activities. Beginning in 1983, respondents were questioned about activities of all household members. For the 1984 survey, a total of 3,110 adults were interviewed. Subject to sampling variability; see source]

ITEM	1975	1980	1983	1984	CHARACTERISTIC OF RESPONDENT	1984, PERCENT WITH— Vegetable garden	Flower garden	Lawn care
Households with vegetable gardens (mil.)	35	34	35	34	18-29 years old	33	39	61
Percent of total	49	43	42	40	30-49 years old	40	50	66
					50 years and over	46	50	61
Median size of garden (sq. ft.)	540	663	505	440	Northeast	42	46	58
Median yield per garden (dol.)	258	460	405	356	Midwest	49	54	70
Median cost per garden (dol.)	16	19	30	32	South	36	41	61
					West	34	49	63
Percent of households—								
With flower gardens	39	37	47	47	Central city	27	40	53
Engaged in lawn care	56	52	63	63	Suburb	36	48	63
Growing fruits or berries	12	21	32	29	Small town	40	48	67
With indoor houseplants	40	40	43	46	Rural	62	53	72

Source: The National Gardening Association, Burlington, VT, *National Gardening Survey*, annual. (Copyright.)

No. 397. Sport Fishing and Hunting Licenses—Number and Cost: 1970 to 1983

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970*, series H 875-876]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Fishing licenses: Sales	**Million**	31.1	34.7	34.9	34.0	32.8	35.4	35.2	37.9	37.2	37.8
Resident	Million	26.8	30.0	29.8	29.0	27.9	30.3	30.1	32.6	32.1	32.5
Nonresident	Million	4.3	4.7	5.1	5.0	4.9	5.1	5.1	5.3	5.1	5.3
Paid license holders [1]	Million	24.4	27.5	27.8	27.3	26.2	27.9	28.0	29.3	29.6	29.1
Cost to anglers	Mil. dol	91	142	155	156	159	174	196	213	227	244
Hunting licenses: Sales	**Million**	22.2	25.9	25.2	25.4	25.8	26.4	27.0	27.9	28.3	28.9
Resident	Million	21.0	24.7	24.0	24.1	24.4	25.0	25.6	26.4	26.7	27.2
Nonresident	Million	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.6	1.7
Paid license holders [1]	Million	15.4	16.6	16.3	16.2	16.3	16.6	16.3	16.6	16.7	16.4
Cost to hunters	Mil. dol	102	155	164	173	185	199	222	242	259	277
Federal duck stamps sold	1,000	2,072	2,222	2,219	2,197	2,209	2,216	2,090	2,045	1,907	1,926

[1] Resident and nonresident. Includes multiple counting of license holders who bought nonresident licenses as well as a home State license.

Source: U.S. Fish and Wildlife Service, *Federal Aid in Fish and Wildlife Restoration*, annual.

No. 398. Sport Fishermen and Hunters—Number and Expenditures: 1960 to 1980

[**Persons 12 years old and over.** Based on sample surveys; for more information on methodology, see source]

ACTIVITY	NUMBER (1,000)					EXPENDITURES (mil. dol.)				
	1960	1965	1970	1975	1980	1960	1965	1970	1975	1980
Total population	131,226	141,928	155,230	171,860	184,691	(x)	(x)	(x)	(x)	(x)
Sportsmen [1]	30,435	32,881	35,277	45,773	46,966	3,852	4,046	7,102	16,768	[2] 27,214
Fishermen [1]	25,323	28,348	33,158	41,299	41,873	2,691	2,925	4,959	11,798	18,052
Freshwater	21,677	23,962	29,363	36,599	37,081	2,065	2,126	3,734	8,702	14,441
Saltwater	6,292	8,305	9,460	13,738	13,332	626	800	1,225	3,095	3,611
Hunters [1]	14,637	13,583	14,336	17,094	16,758	1,161	1,121	2,143	4,971	8,938
Small game	12,105	10,576	11,671	14,162	14,643	726	615	946	2,272	2,930
Big game	6,277	6,566	7,774	11,037	12,632	346	419	953	2,128	5,246
Waterfowl	1,955	1,650	2,894	4,284	3,190	89	87	244	570	761

X Not applicable. [1] Individuals may participate in more than one form of wildlife-related activity; therefore the sum of the component parts will be greater than the number of participants. [2] Includes multipurpose licenses issued in 1980.

Source: U.S. Fish and Wildlife Service and U.S. Bureau of the Census, *1980 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation*, 1982.

NO. 399. AMUSEMENT AND RECREATION SERVICES—SUMMARY: 1982

[Represents establishments with payroll. Includes motion pictures]

SIC Code	KIND OF BUSINESS	Number of establishments	RECEIPTS				Annual payroll (mil. dol.)	Paid employees [1]
			Total (mil. dol.)	Percent change, 1977–1982	Per establishment ($1,000)	Per employee (dol.)		
78,79	Amusement and recreation services, incl. motion pictures [2]	67,215	33,115	67.6	493	41,199	8,805	803,776
781,2	Motion picture production, distribution, and services	7,905	10,117	90.4	1,280	79,531	2,451	127,209
783	Motion picture theaters	9,344	3,576	39.1	383	34,561	567	103,461
7832	Motion picture theaters, exc. drive-in	7,215	3,224	51.4	447	34,969	497	92,203
7833	Drive-in motion picture theaters	2,129	351	−20.2	165	31,222	70	11,258
792	Producers, orchestras, and entertainers	6,712	3,301	86.7	492	58,084	971	56,833
793	Bowling alleys, billiards, pool	7,379	2,264	33.0	307	20,788	648	108,909
7932	Billiards and pool	896	80	−7.9	89	22,816	19	3,503
7933	Bowling alleys	6,483	2,184	35.2	337	20,720	629	105,406
794	Commercial sports	2,360	3,418	37.4	1,449	54,742	1,170	62,447
7941	Professional sports clubs [3]	498	1,128	20.4	2,266	58,077	684	19,430
7941(pt.)	Baseball clubs	117	321	28.4	2,748	69,073	252	4,654
7941(pt.)	Football clubs	37	177	[4] −28.7	4,779	55,488	203	3,187
7948	Racing incl. track operations [2]	1,862	2,290	47.6	1,230	53,236	486	43,017
7948(pt.)	Auto racetrack operation	386	163	20.7	423	55,530	25	2,941
7948(pt.)	Horse racetrack operation	104	1,533	49.9	14,743	59,059	322	25,961
7948(pt.)	Dog racetrack operation	48	292	52.8	6,093	43,581	64	6,711
7992	Public golf courses exc. municipal	2,289	588	43.4	257	35,996	164	16,336
7993	Coin-operated amusement devices	5,434	1,423	192.2	262	52,917	285	26,886
7996	Amusement parks	466	1,824	55.6	3,914	39,250	603	46,464
7997	Membership sports and recreation clubs	7,544	2,488	116.7	330	25,795	792	96,572
7999(pt.)	Concession operators of amusement devices, rides	905	180	10.2	199	46,267	37	3,889
7999(pt.)	Carnivals and circuses	298	196	26.3	659	50,966	33	3,851
7999(pt.)	Fairs	82	25	−34.3	307	89,821	5	280
7999(pt.)	Museums, botanical and zoological gardens (commercial)	220	65	[5]	297	32,791	19	1,992
7999(pt.)	Other	12,852	3,447	58.8	268	25,949	995	132,835

[1] Week including March 12. [2] Includes other kinds of business not shown separately. [3] Includes managers and promoters. [4] National Football League season was interrupted by strike. [5] Data not shown due to comparability problems.

Source: U.S. Bureau of the Census, *1982 Census of Service Industries*, Geographic Area Series, SC82-A-52.

NO. 400. BOY SCOUTS AND GIRL SCOUTS—MEMBERSHIP AND UNITS: 1960 TO 1984

[**In thousands.** Boy Scouts as of **Dec. 31**; Girl Scouts as of **Sept. 30.** Includes Puerto Rico and outlying areas]

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984
BOY SCOUTS OF AMERICA											
Membership	**5,165**	**5,733**	**6,287**	**5,318**	**4,493**	**4,285**	**4,318**	**4,355**	**4,542**	**4,689**	**4,755**
Boys	3,783	4,231	4,683	3,933	3,303	3,176	3,207	3,244	3,425	3,567	3,657
Tiger cubs [1]	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	84	124	145
Cub Scouts (8–10 yr. old)	1,865	2,064	2,438	1,997	1,788	1,716	1,696	1,643	1,609	1,569	1,493
Boy Scouts (11–17 yr. old)	1,647	1,850	1,916	1,503	1,123	1,058	1,064	1,101	1,126	1,116	1,078
Explorers (14–20 yr. old) [2]	271	317	329	434	392	402	447	499	606	758	941
Adults	1,382	1,502	1,604	1,385	1,190	1,109	1,110	1,111	1,117	1,122	1,098
Total units (packs, troops, posts)	130	145	157	150	134	129	129	130	132	134	135
GIRL SCOUTS OF THE U.S.A.											
Membership	**3,419**	**3,647**	**3,922**	**3,234**	**3,084**	**2,961**	**2,784**	**2,829**	**2,819**	**2,868**	**2,871**
Girls [3]	2,646	3,030	3,248	2,723	2,511	2,389	2,250	2,276	2,247	2,281	2,247
Brownies (6–8 yr. old)	(4)	1,072	1,259	1,160	1,245	1,206	1,115	1,110	1,120	1,163	1,172
Juniors (9–11 yr. old)	(4)	1,416	1,509	1,188	977	926	894	916	874	847	801
Cadettes (12–14 yr. old)	(4)	443	395	301	218	193	172	170	169	176	170
Seniors (14–17 yr. old)	(4)	99	85	74	57	52	46	45	41	40	40
Adults	773	617	674	511	573	572	534	553	572	607	624
Total units (troops)	164	153	164	159	159	157	154	157	160	165	166

X Not applicable. [1] For 7 year olds, a new classification begun in 1982. [2] Both girls and boys are members. [3] Beginning 1976, includes girls registered in other categories, not shown separately. [4] Comparable data not available.

Source: Boy Scouts of America, National Council, Irving, TX, *Annual Report;* and Girl Scouts of the United States of America, New York, NY, *Annual Report.*

No. 401. Participation Rates For Various Arts Performances and Leisure Activities by Selected Characteristics: 1983

[Represents percent of respondents who participated in art performance in the 12 months prior to the survey. Covers persons 18 years old and over. Based on the Leisure Activities Survey conducted by the Bureau of the Census]

Characteristic	Attended at least once						Visited at least once—art museum or gallery [1]	Read—novel, short stories, poetry, or plays
	Jazz performance	Classical music performance	Opera performance	Musical plays	Plays	Ballet performance		
Total	**10**	**13**	**3**	**19**	**12**	**4**	**22**	**56**
Male	11	11	3	17	11	3	21	49
Female	9	15	3	20	13	6	23	63
White	9	14	3	20	13	5	23	58
Black	15	7	1	10	6	2	12	42
Other race	9	10	3	13	8	4	27	50
18–24 years	18	11	3	17	11	4	23	60
25–34 years	15	13	4	20	12	5	27	62
35–44 years	8	16	4	23	15	6	27	60
45–54 years	7	15	5	21	13	4	22	55
55–64 years	5	13	4	19	12	4	19	53
65–74 years	2	12	7	14	10	3	15	47
75 years and over	1	7	3	9	5	2	8	41
Northeast	9	14	4	23	14	6	22	59
Midwest	10	14	4	18	12	4	21	58
South	9	11	3	16	11	4	20	53
West	12	13	3	18	12	4	24	56
Household income, 1982:								
Under $10,000	8	9	1	10	7	3	12	40
$10,000–$14,999	7	8	3	9	6	2	13	46
$15,000–$19,999	8	10	3	13	8	4	17	53
$20,000–$29,999	9	11	3	17	10	4	21	56
$30,000–$49,999	9	18	5	28	18	6	31	67
$50,000 and over	13	30	11	44	34	11	48	78

[1] Includes monuments, building or neighborhoods for historic or design value.

Source: U.S. National Endowment for the Arts, *Survey of Public Participation in the Arts,* forthcoming.

No. 402. Performing Arts—Selected Data: 1970 to 1984

[Receipts and expenditures in millions of dollars. For season ending in year shown, except as indicated]

Item	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Legitimate theater: [1]											
Broadway shows:											
New productions	62	59	62	63	54	47	67	67	53	50	36
Playing weeks [2] [3]	1,047	1,101	1,136	1,348	1,360	1,472	1,541	1,545	1,461	1,259	1,119
Number of tickets sold (1,000)	(NA)	(NA)	7,181	8,815	8,621	9,115	9,380	10,822	10,694	8,102	7,898
Gross box office receipts	53.3	57.4	70.8	93.4	103.8	128.1	143.4	194.5	221.2	263.1	226.5
Road shows:											
Playing weeks [3]	1,024	799	814	987	1,025	1,192	1,351	1,343	1,317	990	1,057
Gross box office receipts	48.0	50.9	52.6	82.6	106.0	148.9	181.2	218.9	249.5	184.3	206.2
Opera companies [4]	**648**	**807**	**913**	**914**	**956**	**966**	**986**	**1,019**	**993**	**1,031**	**1,051**
Major	35	54	65	68	78	95	109	127	133	144	154
Expenditures	36.5	(NA)	71.8	79.7	96.3	111.5	133.6	161.6	191.1	212.4	236.7
Other companies	266	335	412	424	458	456	458	456	416	488	491
Workshops	347	418	436	422	420	415	419	436	444	399	406
Opera performances	4,779	6,428	7,109	7,389	7,806	8,554	9,391	9,683	9,510	10,693	10,421
Operas performed	341	387	427	427	448	498	497	559	571	590	576
Musical performances [5]	(NA)	(NA)	(NA)	(NA)	906	1,430	1,397	2,251	2,233	2,749	2,787
Musicals performed [5]	(NA)	(NA)	(NA)	(NA)	43	72	104	118	122	120	129
World premieres	17	16	45	33	42	64	79	88	94	96	101
Attendance (mil.)	4.6	6.0	6.9	9.2	9.8	9.9	10.7	11.1	10.1	12.7	13.0
Symphony orchestras [6]	1,441	1,463	1,410	1,453	1,470	1,540	1,572	1,572	1,572	1,572	1,572
College	298	300	356	356	278	379	385	385	385	386	380
Community [7]	1,019	1,003	872	888	950	909	926	926	919	920	937
Urban	24	41	56	69	76	79	85	85	94	101	89
Metropolitan	72	90	79	86	106	113	115	115	110	98	96
Regional	(6)	(6)	16	23	29	29	29	30	34	37	40
Major	28	29	31	31	31	31	32	31	30	30	30
Concerts	6,599	14,171	14,776	17,421	18,027	22,096	22,229	19,327	19,204	19,167	19,086
Attendance (mil.)	12.7	18.3	20.0	21.0	21.4	22.4	22.6	22.8	22.0	22.0	23.2
Gross income	73.3	124.5	137.0	154.1	178.1	216.8	246.3	288.9	325.5	348.9	379.0
Earned income	43.1	70.9	78.3	89.0	102.5	122.6	141.2	163.3	187.6	201.8	220.2
Contributed income	30.2	53.6	58.7	65.1	75.6	94.2	105.1	125.6	137.9	147.1	158.8
Gross expenses	76.4	129.5	141.5	160.9	183.1	221.0	252.1	289.3	315.3	352.2	389.8

NA Not available. [1] Source: *Variety,* New York, NY, June 6, 1985 issue (copyright). [2] All shows (new productions and holdovers from previous seasons). [3] Eight performances constitute one playing week. [4] Source: Central Opera Service, New York, NY, *Central Opera Service Bulletin,* periodic. Major companies have annual budgets of $100,000 or more and issue American Guild of Musical Artists (AGMA) contracts to soloists. Workshops are primarily college and university opera groups. [5] Covers not-for-profit companies only. [6] Source: American Symphony Orchestra League, Inc., Washington, DC. For years ending Aug. 31. Orchestras other than college groups are principally defined by their annual budgets: As of 1984, community, under $125,000; urban, $125,000–$265,000; metropolitan, $265,000–$950,000; regional, $950,000–$3,400,000; and major, over $3,400,000: Prior to 1984, other budget classifications *were in effect.* [7] Beginning 1978, includes youth and chamber groups with budgets under $70,000. [8] Classification began in 1976.

Source: Compiled from sources listed in footnotes.

No. 403. Federal Aid to the Arts and Humanities: 1970 to 1984

[In millions of dollars, except as indicated. For years ending June 30 except, beginning 1977, ending Sept. 30]

TYPE OF FUND AND PROGRAM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
National Endowment for the Arts:										
Funds available [1]	15.7	86.9	114.5	142.0	179.6	188.1	151.9	133.4	147.5	169.9
Program appropriation	6.3	67.3	77.5	89.1	102.1	97.0	114.0	103.3	101.7	119.0
Non-Federal gifts [2]	2.0	7.7	16.5	25.5	37.5	42.9	(X)	(X)	(X)	(X)
Matching funds [3]	2.0	7.5	16.5	25.5	37.5	42.9	34.9	14.2	24.9	27.4
Grants awarded (number)	556	3,071	4,302	4,900	5,090	5,505	6,475	5,090	5,174	5,056
Funds obligated	12.9	81.7	112.6	141.9	178.4	166.4	150.7	117.7	127.0	147.4
Music	2.5	14.9	17.3	19.5	16.4	13.6	16.2	14.1	12.9	15.2
State arts agencies	1.9	14.7	16.3	18.9	22.8	22.1	23.7	21.3	21.1	24.6
Museums	(NA)	10.8	10.9	12.4	11.6	11.2	13.2	11.5	10.0	12.5
Theater	2.8	6.4	6.9	7.5	8.3	8.4	10.8	9.6	9.5	10.7
Dance	1.7	6.1	6.0	7.0	8.1	8.0	9.1	8.5	9.1	9.1
Public media	.2	5.4	8.0	9.0	9.4	8.4	12.8	10.1	9.3	9.5
Challenge [4]	(X)	(X)	18.0	36.0	59.8	50.8	15.0	14.4	14.0	18.8
Visual arts	1.0	3.2	4.3	4.9	4.7	7.3	7.5	6.5	5.8	6.6
Other	2.8	20.1	24.9	26.8	37.3	36.6	42.4	35.8	35.1	40.6
National Endowment for the Humanities:										
Funds available [1]	13.0	86.0	124.3	137.8	186.9	186.2	144.4	[5]120.9	[6]123.5	127.3
Program appropriation	6.1	67.3	77.5	87.8	98.3	100.3	106.5	90.4	90.4	97.8
Non-Federal gifts [2]	2.0	6.5	16.0	25.0	36.5	38.4	(X)	(X)	(X)	(X)
Matching funds [3]	2.0	6.5	16.0	25.0	36.5	38.4	33.5	26.8	27.9	29.5
Grants awarded (number)	542	1,330	2,045	2,701	2,599	2,917	2,760	1,828	1,854	2,344
Funds obligated	10.5	73.1	116.8	149.0	185.1	185.5	144.4	115.8	123.3	127.6
Education programs	4.2	17.1	20.1	19.8	20.0	18.3	17.3	13.0	14.7	19.3
State programs	(X)	(X)	19.9	20.5	24.7	26.0	26.0	22.8	24.0	26.0
Research grants	2.0	13.4	22.2	26.3	32.2	32.0	25.5	25.7	23.1	24.1
Fellowship program	1.7	10.9	13.2	15.5	16.8	18.0	17.5	16.5	14.1	15.0
Public programs	1.7	26.3	15.7	19.4	23.7	25.1	21.5	(X)	(X)	(X)
Special programs and planning	.9	5.5	6.6	7.9	12.1	12.6	12.5	(X)	(X)	(X)
Challenge [4]	(X)	(X)	19.1	39.5	55.6	53.5	24.0	20.7	21.8	18.3
General programs	(X)	(X)	(X)	(X)	(X)	(X)	(X)	16.2	24.9	24.3
Planning	(X)	(X)	(X)	(X)	(X)	(X)	(X)	.9	.7	.7

NA Not available. X Not applicable. [1] Includes other funds, not shown separately. Excludes administrative funds. Gifts are included through 1980; excluded thereafter. [2] Gifts received by the Endowment for the support of a cultural organization, which release a like amount in Federal funds. [3] Represents Federal funds appropriated only upon receipt or certification by Endowment of matching non-Federal gifts. [4] Program designed to stimulate new sources and higher levels of giving to institutions for the purpose of guaranteeing long-term stability and financial independence. Program requires a match of 3 private dollars to each Federal dollar. Funds for challenge grants are not allocated by program area because they are awarded on a grant-by-grant basis. [5] Excludes $5.2 million reappropriated to challenge grants in 1983. [6] Includes reappropriated funds from 1982.

Source: U.S. National Endowment for the Arts, *Annual Report;* and U.S. National Endowment for the Humanities, *Annual Report.*

No. 404. State Legislative Appropriations For State Arts Agencies: 1975 to 1985

[For fiscal years ending in year shown. Fiscal years for most States ended June 30]

STATE	1975, total ($1,000)	1980, total ($1,000)	1984, total ($1,000)	1985		STATE OR OTHER AREA	1975, total ($1,000)	1980, total ($1,000)	1984, total ($1,000)	1985	
				Total ($1,000)	Per capita [1] (dol.)					Total ($1,000)	Per capita [1] (dol.)
Total	**58,152**	**101,029**	**135,797**	**163,984**	**.70**	NV	15	87	116	124	.14
AL	125	525	750	900	.23	NH	45	153	126	129	.14
AK	216	1,675	4,542	5,295	11.05	NJ	793	3,333	3,671	6,217	.83
AZ	83	233	426	617	.21	NM	65	203	511	700	.50
AR	167	846	739	743	.32	NY	35,653	33,285	35,311	39,088	2.21
CA	1,000	7,891	8,577	10,422	.41	NC	222	1,379	2,380	2,881	.47
CO	1,251	609	848	929	.30	ND	5	101	175	175	.26
CT	394	1,305	979	1,122	.36	OH	976	4,709	5,603	5,785	.54
DE	43	123	431	450	.74	OK	95	552	1,574	1,596	.48
DC	30	356	916	1,127	1.81	OR	53	335	458	456	.17
FL	399	2,378	5,264	9,045	.85	PA	1,490	2,594	4,759	5,585	.47
GA	102	1,102	1,558	1,720	.30	RI	267	359	340	419	.44
HI	599	1,545	1,424	1,592	1.56	SC	596	941	1,517	1,858	.57
ID	23	86	102	128	.13	SD	85	155	213	251	.36
IL	925	2,246	5,492	5,648	.49	TN	412	517	526	719	.15
IN	161	1,277	1,450	1,450	.27	TX	160	1,215	3,952	4,240	.27
IA	71	313	466	492	.17	UT	268	1,088	1,233	1,400	.87
KS	79	262	423	488	.20	VT	50	108	217	226	.43
KY	226	857	1,489	1,536	.41	VA	265	1,230	1,481	1,748	.32
LA	60	857	1,613	1,133	.26	WA	246	579	1,459	1,755	.41
ME	163	180	257	322	.28	WV	360	1,563	1,710	1,849	.94
MD	450	1,345	1,808	1,796	.42	WI	60	719	808	968	.20
MA	1,600	2,300	8,524	16,600	2.88	WY	15	63	124	145	.28
MI	2,109	6,076	7,360	8,726	.96	Am. Samoa	60	43	48	48	1.41
MN	300	2,845	2,034	2,265	.55	GU	37	74	268	215	1.94
MS	113	307	436	436	.17	No. Marianas	-	-	10	10	.57
MO	1,249	2,531	2,401	3,067	62	PR	3,605	4,980	5,859	5,853	1.80
MT	28	93	370	718	88	VI	160	103	157	144	1.42
NE	129	399	509	635	.40						

- Represents zero. [1] Based on enumerated resident population as of July 1, 1983.

Source: National Assembly of State Arts Agencies, Washington, DC, unpublished data.

NO. 405. FINANCIAL SUPPORT OF THE ARTS BY PRIVATE BUSINESS—SUMMARY: 1981 AND 1982

[**In millions of dollars.** Based on a sample of 978 businesses from the files of Dun & Bradstreet, Inc. which covers all U.S. public companies, and private companies with sales of $5 million or more]

TYPE OF ART CATEGORY	1981	1982	TYPE OF ART CATEGORY	1981	1982
Total support	385.1	506.5	Art exhibition sponsorship	9.8	20.0
Museums	89.9	97.0	Historic and cultural preservation projects	10.1	18.6
Theater	34.8	47.3	Libraries	10.3	13.2
Cultural centers	38.3	45.6	Arts-in-education programs	4.9	7.4
Symphony orchestras	28.9	39.5	Films (noncommercial)	2.5	1.9
Public radio and TV, program underwriting	28.0	31.8	Purchase of art for corporate collections	3.2	1.3
Opera	20.2	29.8	Artists-in-residence	1.7	.8
Arts funds	22.1	28.7	Commercial radio and TV, cultural programming	1.5	.6
Public radio and TV, general support	17.6	25.2	Video projects (noncommercial)	.2	.4
Other music	16.7	23.3	Crafts	.2	.3
Dance	16.2	21.6	Folk art	.2	.2
			Other	25.8	52.0

Source: Business Committee for the Arts, New York, NY, press release.

NO. 406. PASSPORTS, BY SEX AND AGE OF TRAVELER: 1970 TO 1984

[**In thousands.** Total passports are actual count; all other data based on a sample and prorated to total passports. Data refer to number of passports issued, not travelers. Excludes passport renewals. A single passport may cover more than one trip and more than one person. See also *Historical Statistics, Colonial Times to 1970*, series H 899-920]

SEX AND AGE	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total passports	2,219	2,729	2,415	2,334	2,617	3,107	3,234	3,170	3,020	3,222	3,764	4,122	4,718
Male	1,124	1,321	1,155	1,128	1,354	1,496	1,555	1,543	1,497	1,552	1,849	1,964	2,123
Female	1,095	1,408	1,260	1,206	1,463	1,611	1,679	1,627	1,523	1,670	1,915	2,158	2,595
Under 20 years	362	497	448	405	460	511	541	567	516	524	621	663	759
20-29 years	507	564	491	458	530	566	580	581	541	567	634	637	729
30-39 years	293	376	348	345	432	499	535	547	533	584	665	698	799
40-49 years	356	431	371	347	423	452	472	465	437	470	544	613	702
50-59 years	341	434	383	384	484	527	545	506	474	493	552	638	730
60 years and over	360	427	374	395	488	552	561	504	519	584	748	873	999

Source: U.S. Dept. of State, Bureau of Consular Affairs, *Summary of Passport Statistics*, annual.

NO. 407. FOREIGN TRAVEL TO THE U.S.—TRAVELERS AND EXPENDITURES: 1970 TO 1984

[**Travelers in thousands; expenditures in millions of dollars.** Includes travelers for business and pleasure, foreigners in transit through the United States, and students; excludes travel by foreign government personnel and foreign businessmen employed in the United States. Travelers from overseas excludes Canada and Mexico. See also *Historical Statistics, Colonial Times to 1970*, series H 946-951]

AREA OF ORIGIN	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Travelers from overseas	2,288	3,674	4,509	5,764	7,230	8,200	9,069	8,761	7,873	7,535
Western Europe	984	1,500	1,885	2,483	3,135	3,700	4,170	3,778	3,020	2,965
Caribbean, Central America	484	478	578	703	855	850	853	907	1,218	994
South America	318	438	573	773	995	1,200	1,382	1,278	1,055	789
Japan	207	747	750	886	1,095	2,450	2,664	2,798	2,580	2,787
Other	295	511	723	919	1,150					
Total expenditures	2,331	4,697	6,150	7,183	8,441	10,588	12,913	12,393	11,408	11,386
Canada	859	1,561	2,150	2,248	2,092	2,501	2,672	2,624	3,168	3,116
Mexico	583	1,311	1,316	1,456	1,975	2,522	3,775	3,098	1,951	1,899
U.S. border area	520	972	967	951	1,266	1,614	2,547	2,308	1,457	1,519
Western Europe	316	611	1,003	1,323	1,667	2,192	2,549	2,476	2,157	2,227
Caribbean, Central America	170	206	276	322	375	423	469	525	684	606
South America	164	303	455	660	793	1,063	1,273	1,269	1,091	886
Japan	101	410	450	539	699	824	949	1,084	1,128	1,287
Other	136	295	500	635	840	1,063	1,226	1,317	1,229	1,365
Fares to U.S. carriers [1]	377	767	1,025	1,238	1,677	2,062	2,575	2,692	2,524	2,533

[1] Includes fares paid to and from the United States only.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1985, and earlier issues.

No. 408. U.S. Travel to Foreign Countries—Travelers and Expenditures: 1970 to 1984

[Travelers in thousands; expenditures in millions of dollars, except as indicated. Covers residents of United States and Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series H 921-940]

ITEM AND AREA	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Total overseas travelers [1]	**5,260**	**6,354**	**7,390**	**7,790**	**7,835**	**8,163**	**8,040**	**8,510**	**10,179**	**12,062**
Region of destination:										
Europe and Mediterranean	2,898	3,185	3,920	4,105	4,068	3,934	3,931	4,144	5,006	6,112
Average length of stay (days)	27	24	19	20	20	21	(NA)	(NA)	19	17
Caribbean and Central America	1,663	2,065	2,203	2,365	2,533	2,624	2,453	2,637	3,156	3,559
South America	249	447	483	515	434	594	567	529	598	635
Other	450	657	784	805	800	1,011	1,089	1,200	1,419	1,756
Expenditures abroad	**3,980**	**6,417**	**7,451**	**8,475**	**9,413**	**10,397**	**11,479**	**12,394**	**13,997**	**16,008**
Canada	1,018	1,306	1,433	1,407	1,599	1,817	2,070	1,936	2,160	2,416
Mexico	778	1,637	1,918	2,121	2,460	2,564	2,862	3,324	3,618	3,609
Total overseas areas	2,184	3,474	4,100	4,947	5,354	6,016	6,547	7,134	8,219	9,983
Europe and Mediterranean	1,425	1,918	2,398	2,942	3,185	3,412	3,587	3,787	4,413	5,393
Average per trip [2] (dollars)	490	602	612	717	783	867	912	914	882	882
Average per day (dollars)	18.15	25.19	32.21	35.85	39.15	41.28	(NA)	(NA)	46.42	51.88
Caribbean and Central America	390	787	790	888	1,019	1,134	1,277	1,349	1,520	1,929
South America	90	242	254	306	288	392	383	380	433	431
Japan	97	131	149	155	142	185	214	272	298	399
Other	182	396	509	656	720	893	1,086	1,346	1,555	1,831
Foreign flag carriers [3]	1,215	2,263	2,748	2,896	3,184	3,607	4,487	4,772	5,484	6,508
United States flag carriers [3]	985	1,463	1,725	1,784	1,978	2,504	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Excludes the following: Travel to Canada and Mexico; travel between conterminous United States and Alaska, Hawaii, Puerto Rico, and Virgin Islands; cruise travelers; military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. [2] Excludes transatlantic passenger fares. [3] Excludes passenger fares of emigrant aliens.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1985, and earlier issues.

No. 409. Air Travel Between the United States and Foreign Countries: 1980 to 1984

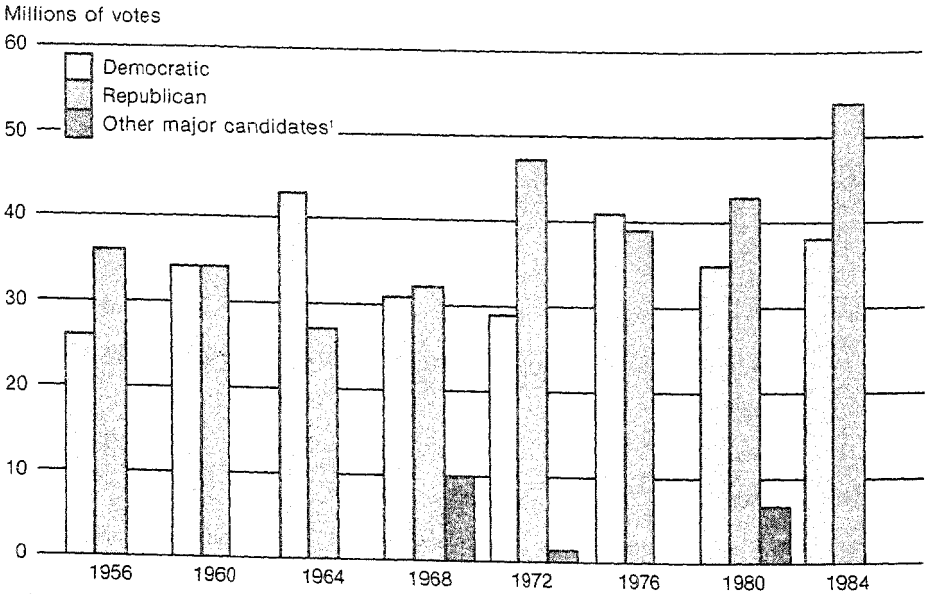
[In thousands. Covers passengers on international commercial flights arriving at and departing from U.S. airports. Excludes traffic between U.S. and Canada, border crossers, crewmen, and military personnel. Travelers between U.S. ports in the 50 States, Puerto Rico, Guam, or the Virgin Islands; and any other outlying area are included. Data compiled from flight reports of U.S. Immigration and Naturalization Service. Selection of countries based on minimum of 150,000 arrivals in 1984. For related data, see also *Historical Statistics, Colonial Times to 1970*, series C 296-331]

FLAG OF CARRIER AND COUNTRY	ARRIVALS					DEPARTURES				
	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
Total passengers	**20,262**	**20,881**	**20,216**	**20,840**	**23,212**	**19,256**	**19,911**	**19,322**	**19,724**	**21,608**
Flag of carrier:										
United States	10,031	10,265	10,163	10,698	11,623	9,369	9,581	9,485	9,888	10,531
Foreign	10,231	10,615	10,054	10,142	11,588	9,886	10,330	9,837	9,837	11,076
Country of embarkation or debarkation: [1]										
Australia	227	229	254	242	277	245	258	252	201	223
Bahamas	1,123	1,053	1,153	1,344	1,373	1,006	927	1,009	1,075	1,063
Barbados	135	123	115	167	211	126	116	113	168	212
Belgium	242	249	299	250	242	231	238	283	226	216
Bermuda	497	451	441	439	441	467	417	413	394	395
Brazil	300	311	308	308	321	291	301	303	303	304
China: Taiwan	113	138	148	154	187	90	105	123	128	167
Colombia	315	334	314	309	285	299	315	300	302	290
Denmark	267	251	243	230	239	254	243	235	219	235
Dominican Republic	468	495	501	532	575	443	466	464	490	479
France	689	686	695	705	795	635	646	647	656	746
Germany, Fed. Rep. of	1,175	1,182	1,174	1,223	1,404	1,178	1,149	1,164	1,220	1,419
Grand Cayman	121	129	132	144	170	112	117	116	135	160
Greece	208	206	198	234	265	190	190	197	222	234
Haiti	133	148	146	159	175	124	126	131	144	156
Hong Kong	228	230	197	217	295	152	166	144	184	263
Ireland	220	229	250	222	256	212	219	234	196	212
Israel	189	190	189	233	255	186	194	211	228	278
Italy	537	493	529	572	649	495	460	500	561	647
Jamaica	429	479	587	682	712	382	435	526	601	616
Japan	1,624	1,705	1,819	1,896	2,267	1,602	1,697	1,779	1,854	2,127
Korea, Rep. of	234	228	245	249	290	186	188	212	212	244
Mexico	2,886	3,091	2,456	2,691	2,901	2,886	3,157	2,516	2,670	2,808
Netherlands	427	450	482	467	558	409	443	477	458	513
Netherlands Antilles	327	359	332	370	426	282	322	297	321	346
Panama Republic	150	151	146	146	169	142	141	136	*164	194
Philippines	194	244	212	158	165	160	178	175	133	166
Spain	312	310	337	376	418	273	288	321	350	378
Switzerland	312	321	332	314	427	306	315	330	327	409
United Kingdom	2,973	3,092	2,694	2,812	3,222	2,840	2,989	2,607	2,687	3,103
Venezuela	533	577	581	312	255	518	571	571	321	257
Other	2,674	2,747	2,707	2,683	2,987	2,534	2,534	2,536	2,574	2,746

[1] Country where passenger boarded/deboarded a direct flight to/from the U.S.

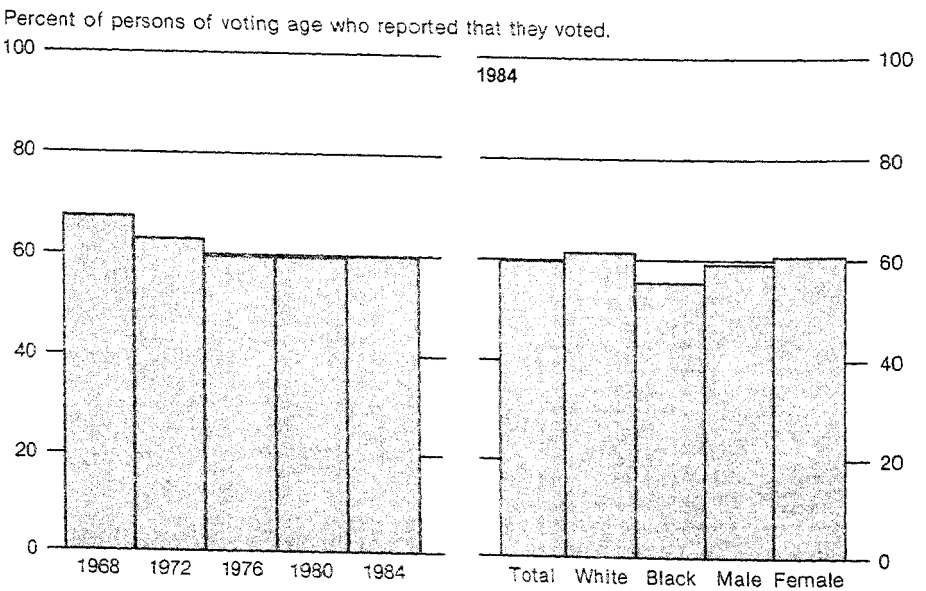
Source: U.S. Transportation Systems Center, Cambridge, MA, *U.S. International Air Travel Statistics*, annual.

Figure 9.1
Popular Vote Cast for President, by Major Party: 1956 to 1984

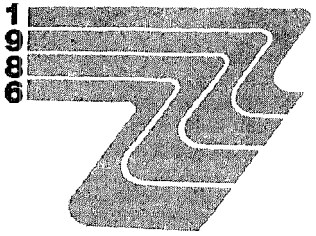


¹ 1968 and 1972-American Independent; 1980-John Anderson
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 410.

Figure 9.2
Voter Participation in Presidential Elections: 1968 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 434.



Section 9

Elections

This section relates primarily to Presidential, congressional, and gubernatorial elections. Also presented are summary tables on congressional legislation, State legislatures, Black, Hispanic, and female officeholders, population of voting age, voter participation, and campaign finances.

Official statistics on Federal elections, collected by the Clerk of the House, are published biennially in *Statistics of the Presidential and Congressional Election* and *Statistics of the Congressional Election.* Federal and State elections data appear also in *America Votes,* a biennial volume of the Elections Research Center, Washington, DC. Federal elections data also appear in the U.S. Congress, *Congressional Directory,* and in official State documents. Data on reported registration and voting are obtained by the U.S. Bureau of the Census as part of the Current Population Survey (CPS) and are published in *Current Population Reports,* series P-20 (see text, pp. 1 and 2).

Almost all Federal, State, and local governmental units in the United States conduct elections at various intervals for different offices and other purposes. The conduct of elections is regulated by State laws or, in some cities and counties, by local charter. An exception is that the U.S. Constitution prescribes the basis of representation in Congress and the manner of electing the President, and grants to Congress the right to regulate the times, places, and manner of electing Federal officers. Amendments to the Constitution have prescribed national criteria for voting eligibility. The 15th Amendment, adopted in 1870, gave all citizens the right to vote regardless of race, color, or previous condition of servitude. The 19th Amendment, adopted in 1919, further extended the right to vote to all citizens regardless of sex. The payment of poll taxes as a prerequisite to voting in Federal elections was banned by the 24th Amendment in 1964. In 1971, as a result of the 26th Amendment, eligibility to vote in national elections was extended to all citizens, 18 years old and over.

Presidential election.—The Constitution specifies how the President and Vice President are selected. Each State elects, by popular vote, a group of electors equal in number to its total of members of Congress. Subsequent to the election, the electors meet in their respective States to vote for President and Vice President. Usually, each elector votes for the candidate receiving the most popular votes in his or her State. A majority vote of all electors is necessary to elect the President and Vice President. If no candidate receives a majority, the House of Representatives, with each State having one vote, is empowered to elect the President and Vice President, again, with a majority of votes required.

The 22d Amendment to the Constitution, adopted in 1951, limits presidential tenure to 2 elective terms of 4 years each, or to 1 elective term for any person who, upon succession to the Presidency, has held the office or acted as President for more than 2 years. The 23d Amendment, adopted in 1961, grants the District of Columbia 3 presidential electors, a number equal to that of the least populous State.

Congressional election.—The Constitution provides that Representatives be apportioned among the States according to their population; that a census of population be taken every 10 years as a basis for apportionment; and that each State have at least 1 Representative. At the time of each apportionment, Congress decides what the total number of Representatives will be. Since 1912, the total has been 435, except during 1960 to 1962 when it increased to 437, adding 1 Representative each for Alaska and Hawaii. The total reverted to 435 after reapportionment following the 1960 census. Members are elected for 2-year terms, all terms covering the same period. The District of Columbia, American Samoa, Guam, and the Virgin Islands each elect one nonvoting Delegate and Puerto Rico elects a nonvoting Resident Commissioner.

The Senate is composed of 100 members, 2 from each State, who are elected to serve for a term of 6 years. One-third of the Senate is elected every 2 years. Senators were originally chosen by the State legislatures. The 17th Amendment to the Constitution, adopted in 1913, prescribed that Senators be elected by popular vote.

Voter eligibility and participation.—The Census Bureau publishes estimates of the population of voting age and the percent casting votes in each State for Presidential and congressional election years. Voting-age population estimates include a number of persons who meet the age requirement but are not eligible to vote (for example, aliens and some institutionalized persons). Since

1964, voter participation and voter characteristics data have been collected during November of election years as part of the CPS.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

No. 410. Vote Cast for President, by Political Parties: 1920 to 1984

[Prior to 1960, excludes Alaska and Hawaii; prior to 1964, excludes DC. Vote cast for major party candidates includes the votes of minor parties cast for those candidates. See also *Historical Statistics, Colonial Times to 1970*, series Y 79-83 and Y 135]

Year	Candidates for President		Vote cast for President						
				Democratic			Republican		
	Democratic	Republican	Total popular vote [1] (1,000)	Popular vote		Electoral vote	Popular vote		Electoral vote
				Number (1,000)	Percent		Number (1,000)	Percent	
1920	Cox	Harding	26,748	9,130	34.1	127	16,143	60.4	404
1924	Davis	Coolidge	29,086	8,385	28.8	136	15,718	54.0	382
1928	Smith	Hoover	36,812	15,016	40.8	87	21,392	58.1	444
1932	F. D. Roosevelt	Hoover	39,732	22,810	57.4	472	15,759	39.7	59
1936	F. D. Roosevelt	Landon	45,643	27,753	60.8	523	16,675	36.5	8
1940	F. D. Roosevelt	Willkie	49,900	27,313	54.7	449	22,348	44.8	82
1944	F. D. Roosevelt	Dewey	47,977	25,613	53.4	432	22,018	45.9	99
1948	Truman	Dewey	48,794	24,179	49.6	303	21,991	45.1	189
1952	Stevenson	Eisenhower	61,551	27,315	44.4	89	33,936	55.1	442
1956	Stevenson	Eisenhower	62,027	26,023	42.0	73	35,500	57.4	457
1960	Kennedy	Nixon	68,838	34,227	49.7	303	34,108	49.5	219
1964	Johnson	Goldwater	70,645	43,130	61.1	486	27,178	38.5	52
1968	Humphrey	Nixon	73,212	31,275	42.7	191	31,785	43.4	301
1972	McGovern	Nixon	77,719	29,170	37.5	17	47,170	60.7	520
1976	Carter	Ford	81,556	40,831	50.1	297	39,148	48.0	240
1980	Carter	Reagan	86,515	35,484	41.0	49	43,904	50.7	489
1984	Mondale	Reagan	92,653	37,577	40.6	13	54,455	58.8	525

Year	Vote cast for President—Con.	Year	Vote cast for President—Con.
	Leading other candidates		Leading other candidates—Con.
1920	Eugene Debs, Socialist, 919,799. P. P. Christensen, Farmer-Labor, 265,411.	1952	Vincent Hallinan, Progressive, 140,023. Stuart Hamblen, Prohibition, 72,949.
1924	Robert LaFollette, *Progessive*, 4,831,289.	1956	T. Coleman Andrews, States' Rights, 111,178.
1928	Herman P. Faris, Prohibition, 57,520. Norman Thomas, Socialist, 267,835.	1960	Eric Hass, Socialist Labor, 44,450. Eric Hass, Socialist Labor, 47,522.
1932	Verne L. Reynolds, Socialist Labor, 21,603. Norman Thomas, Socialist, 881,951. William Z. Foster, Communist, 102,785.	1964	Rutherford Decker, Prohibition, 46,203. Eric Hass, Socialist Labor, 45,219. Clifton DeBerry, Socialist Workers, 32,720.
1936	William Lemke, Union, 882,479. Norman Thomas, Socialist, 187,720.	1968	George Wallace, American Independent, 9,906,473. Henning Blomen, Socialist Labor, 52,588.
1940	Norman Thomas, Socialist, 99,557. Roger Babson, Prohibition, 57,812.	1972	John Schmitz, American, 1,099,482. Benjamin Spock, People's, 78,756.
1944	Norman Thomas, Socialist, 80,518. Claude Watson, Prohibition, 74,758.	1976	Eugene McCarthy, Independent, 756,691. Roger MacBride, Libertarian, 173,011.
1948	Strom Thurmond, States' Rights, 1,176,125. Henry Wallace, Progressive, 1,157,326.	1980	John Anderson, Independent, 5,720,060. Ed Clark, Libertarian, 921,299.
		1984	David Bergland, Libertarian, 228,314 Lyndon H. LaRouche, Independent, 78,807

[1] Includes votes for minor party candidates, independents, unpledged electors, and scattered write-in votes.

Source: 1920-1936, Edgar Eugene Robinson, *The Presidential Vote* and *They Voted for Roosevelt,* Stanford University Press, Stanford, CA, 1934 and 1947, respectively. 1940-1964 and 1968-1984, Elections Research Center, Washington, DC, *America at the Polls* and *America Votes,* biennial, respectively (copyright).

NO. 411. ELECTORAL VOTE CAST FOR PRESIDENT, BY MAJOR POLITICAL PARTY—STATES: 1944 TO 1984

[D=Democratic, R=Republican. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series Y 84-134]

REGION, DIVISION, AND STATE	1944	1948 [1]	1952	1956 [2]	1960 [3]	1964	1968 [4]	1972 [5]	1976 [6]	1980	1984
Democratic	**432**	**303**	**89**	**73**	**303**	**486**	**191**	**17**	**297**	**49**	**13**
Republican	**99**	**189**	**442**	**457**	**219**	**52**	**301**	**520**	**240**	**489**	**525**
Northeast: Dem	130	20	-	-	121	126	102	14	86	4	-
Rep	8	118	133	133	12	-	24	108	36	118	113
Midwest: Dem	73	101	-	13	71	149	31	-	58	10	10
Rep	82	54	153	140	82	-	118	145	87	135	127
South: Dem	167	117	89	60	101	121	45	3	149	31	3
Rep	-	11	77	105	50	47	77	165	20	138	174
West: Dem	62	65	-	-	10	90	13	-	4	4	-
Rep	9	6	79	79	75	5	82	102	97	98	111
New England: ME	R-5	R-5	R-5	R-5	R-5	D-4	D-4	R-4	R-4	R-4	R-4
NH	D-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-4
VT	R-3	R-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3	R-3
MA	D-16	D-16	R-16	R-16	D-16	D-14	D-14	D-14	D-14	R-14	R-13
RI	D-4	D-4	R-4	R-4	D-4	D-4	D-4	R-4	D-4	D-4	R-4
CT	D-8	R-8	R-8	R-8	D-8	D-8	D-8	R-8	R-8	R-8	R-8
Middle Atlantic: NY	D-47	R-47	R-45	R-45	D-45	D-43	D-43	R-41	D-41	R-41	R-36
NJ	D-16	R-16	R-16	R-16	D-16	D-17	R-17	R-17	R-17	R-17	R-16
PA	D-35	R-35	R-32	R-32	D-32	D-29	D-29	R-27	D-27	R-27	R-25
East North Central: OH	R-25	D-25	R-25	R-25	R-25	D-26	R-26	R-25	D-25	R-25	R-23
IN	R-13	R-13	R-13	R-13	R-13	D-13	R-13	R-13	R-13	R-13	R-12
IL	D-28	D-28	R-27	R-27	D-27	D-26	R-26	R-26	R-26	R-26	R-24
MI	D-19	R-19	R-20	R-20	D-20	D-21	D-21	R-21	R-21	R-21	R-20
WI	R-12	D-12	R-12	R-12	R-12	D-12	R-12	R-11	D-11	R-11	R-11
West North Central: MN	D-11	D-11	R-11	R-11	D-11	D-10	D-10	R-10	D-10	D-10	D-10
IA	R-10	D-10	R-10	R-10	R-10	D-9	R-9	R-8	R-8	R-8	R-8
MO	D-15	D-15	R-13	D-13	D-13	D-12	R-12	R-12	D-12	R-12	R-11
ND	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-3	R-3	R-3	R-3
SD	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-3
NE	R-6	R-6	R-6	R-6	R-6	D-5	R-5	R-5	R-5	R-5	R-5
KS	R-8	R-8	R-8	R-8	R-8	D-7	R-7	R-7	R-7	R-7	R-7
South Atlantic: DE	D-3	R-3	R-3	R-3	D-3	D-3	R-3	R-3	D-3	R-3	R-3
MD	D-8	R-8	R-9	R-9	D-9	D-10	D-10	R-10	D-10	D-10	R-10
DC	(x)	(x)	(x)	(x)	(x)	D-3	D-3	D-3	D-3	D-3	D-3
VA	D-11	D-11	R-12	R-12	R-12	D-12	R-12	[5] R-11	R-12	R-12	R-12
WV	D-8	D-8	D-8	R-8	D-8	D-7	D-7	R-6	D-6	D-6	R-6
NC	D-14	D-14	D-14	D-14	D-14	D-13	[4] R-12	R-13	D-13	R-13	R-13
SC	D-8	[1]	D-8	D-8	D-8	R-8	R-8	R-8	D-8	R-8	R-8
GA	D-12	D-12	D-12	D-12	D-12	R-12	[4]	R-12	D-12	D-12	R-12
FL	D-8	D-8	R-10	R-10	R-10	D-14	R-14	R-17	D-17	R-17	R-21
East South Central: KY	D-11	D-11	D-10	R-10	R-10	D-9	R-9	R-9	D-9	R-9	R-9
TN	D-12	[1] D-11	R-11	R-11	R-11	D-11	R-11	R-10	D-10	R-10	R-11
AL	D-11	[1]	D-11	[2] D-10	[3] D-5	R-10	[4]	R-9	D-9	R-9	R-9
MS	D-9	[1]	D-8	D-8	[3]	R-7	[4]	R-7	D-7	R-7	R-7
West South Central: AR	D-9	D-9	D-8	D-8	D-8	D-6	[4]	R-6	D-6	R-6	R-6
LA	D-10	[1]	D-10	R-10	D-10	R-10	[4]	R-10	D-10	R-10	R-10
OK	D-10	D-10	R-8	R-8	[3] R-7	D-8	R-8	R-8	R-8	R-8	R-8
TX	D-23	D-23	R-24	R-24	D-24	D-25	D-25	R-26	D-26	R-26	R-29
Mountain: MT	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-4
ID	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-4
WY	R-3	D-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3	R-3
CO	R-6	D-6	R-6	R-6	R-6	D-6	R-6	R-7	R-7	R-7	R-8
NM	D-4	D-4	R-4	R-4	D-4	D-4	R-4	R-4	R-4	R-4	R-5
AZ	D-4	D-4	R-4	R-4	R-4	R-5	R-5	R-6	R-6	R-6	R-7
UT	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-5
NV	D-3	D-3	R-3	R-3	D-3	D-3	R-3	R-3	R-3	R-3	R-4
Pacific: WA	D-8	D-8	R-9	R-9	R-9	D-9	D-9	R-9	[6] R-8	R-9	R-10
OR	D-6	R-6	R-6	R-6	R-6	D-6	R-6	R-6	R-6	R-6	R-7
CA	D-25	D-25	R-32	R-32	R-32	D-40	R-40	R-45	R-45	R-45	R-47
AK	(x)	(x)	(x)	(x)	R-3	D-3	R-3	R-3	R-3	R-3	R-3
HI	(x)	(x)	(x)	(x)	D-3	D-4	D-4	R-4	D-4	D-4	R-4

- Represents zero. X Not applicable. [1] Excludes 39 electoral votes cast for States' Rights Democratic candidates as follows: AL 11; LA 10; MS 9; SC 8; and TN 1. [2] Excludes 1 electoral vote cast for Walter B. Jones in Alabama. [3] Excludes 15 electoral votes cast for Harry F. Byrd as follows: AL 6; MS 8; and OK 1.
[4] Excludes 46 electoral votes cast for George C. Wallace as follows: AL 10; AR 6; GA 12; LA 10; MS 7; NC 1. [5] Excludes 1 electoral vote cast for John Hospers in Virginia. [6] Excludes 1 electoral vote cast for Ronald Reagan in Washington.

Source: 1944-1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*, quadrennial; thereafter, Elections Research Center, Washington, DC, *America Votes*, biennial. (Copyright.)

No. 412. Popular Vote Cast for President, by Political Party—States: 1976 to 1984

[In thousands, except percent. D=Democratic, R=Republican. Leading party vote refers to the party vote representing either a majority or a plurality for the victorious party in the area shown. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series Y 135-186]

Region, division, and state	1976				1980				1984			
	Total [1]	Democratic Party	Republican Party	Percent for leading party	Total [1]	Democratic Party	Republican Party	Percent for leading party	Total [1]	Democratic Party	Republican Party	Percent for leading party
U.S.	**81,556**	**40,831**	**39,146**	**D-50.1**	**86,515**	**35,484**	**43,904**	**R-50.7**	**92,653**	**37,577**	**54,455**	**R-58.8**
Region:												
Northeast	19,520	9,929	9,272	D-50.9	19,206	8,019	9,147	R-47.6	20,483	9,046	11,336	R-55.3
Midwest	24,155	11,671	11,995	R-49.7	25,178	10,291	12,827	R-50.9	25,441	10,511	14,761	R-58.0
South	23,198	12,520	10,394	D-54.0	25,813	11,554	13,118	R-50.8	28,833	10,998	17,699	R-61.4
West	14,682	6,711	7,488	R-51.0	16,318	5,620	8,813	R-54.0	17,895	7,022	10,659	R-59.6
N. Eng	**5,351**	**2,766**	**2,454**	**D-51.7**	**5,467**	**2,206**	**2,446**	**R-44.7**	**5,814**	**2,437**	**3,153**	**R-56.2**
ME	483	232	236	R-48.9	523	221	239	R-45.6	553	215	337	R-60.8
NH	340	148	186	R-54.7	384	109	222	R-57.7	389	120	267	R-68.6
VT	188	81	102	R-54.4	213	82	95	R-44.4	235	96	136	R-57.9
MA	2,548	1,429	1,030	D-56.1	2,524	1,054	1,058	R-41.9	2,559	1,240	1,311	R-51.2
RI	411	228	181	D-55.4	416	198	155	D-47.7	410	197	212	R-51.7
CT	1,382	648	719	R-52.1	1,406	542	677	R-48.2	1,467	570	891	R-60.7
Mid. Atl	**14,169**	**7,164**	**6,817**	**D-50.6**	**13,739**	**5,813**	**6,703**	**R-48.8**	**14,670**	**5,609**	**8,183**	**R-55.0**
NY	6,534	3,390	3,101	D-51.9	6,202	2,728	2,894	R-46.7	6,807	3,120	3,665	R-53.8
NJ	3,014	1,445	1,510	R-50.1	2,976	1,147	1,547	R-52.0	3,218	1,261	1,934	R-60.1
PA	4,621	2,329	2,206	D-50.4	4,562	1,938	2,262	R-49.6	4,845	2,228	2,584	R-53.3
E. No. Cent	**16,809**	**8,035**	**8,448**	**R-50.3**	**17,458**	**7,221**	**8,825**	**R-50.5**	**17,613**	**7,279**	**10,213**	**R-58.0**
OH	4,112	2,012	2,001	D-48.9	4,284	1,752	2,207	R-51.5	4,648	1,825	2,679	R-58.9
IN	2,220	1,015	1,184	R-53.3	2,242	844	1,256	R-56.0	2,233	841	1,377	R-61.7
IL	4,719	2,271	2,364	R-50.1	4,750	1,981	2,358	R-49.6	4,819	2,086	2,707	R-56.2
MI	3,654	1,697	1,894	R-51.8	3,910	1,662	1,915	R-49.0	3,802	1,530	2,252	R-59.2
WI	2,104	1,040	1,005	D-49.4	2,273	982	1,089	R-47.9	2,212	996	1,199	R-54.2
W. No. Cent	**7,346**	**3,635**	**3,547**	**D-49.5**	**7,719**	**3,070**	**4,002**	**R-51.8**	**7,828**	**3,232**	**4,548**	**R-58.1**
MN	1,950	1,070	819	D-54.9	2,052	954	873	D-46.5	2,084	1,036	1,033	D-49.7
IA	1,279	620	633	R-49.5	1,318	509	676	R-51.3	1,320	606	703	R-53.3
MO	1,954	998	927	D-51.1	2,100	931	1,074	R-51.2	2,123	849	1,274	R-60.0
ND	297	136	153	R-51.6	302	79	194	R-64.2	309	104	200	R-64.8
SD	301	147	152	R-50.4	328	104	198	R-60.5	318	116	200	R-63.0
NE	608	234	360	R-59.2	641	167	420	R-65.5	652	186	460	R-70.6
KS	958	430	503	R-52.5	980	326	567	R-57.9	1,022	333	677	R-66.3
So. Atl	**11,392**	**6,264**	**5,005**	**D-55.0**	**12,589**	**5,698**	**6,198**	**R-49.2**	**14,124**	**5,519**	**8,565**	**R-60.6**
DE	236	123	110	D-52.0	235	106	111	R-47.2	255	102	152	R-59.8
MD	1,440	760	673	D-52.8	1,540	726	681	D-47.1	1,676	788	880	R-52.5
DC	169	138	28	D-81.6	175	131	24	D-74.8	211	180	29	D-85.4
VA	1,697	814	837	R-49.3	1,866	752	990	R-53.0	2,147	796	1,337	R-62.3
WV	751	436	315	D-58.0	738	367	334	D-49.8	736	328	405	R-55.1
NC	1,679	927	742	D-55.2	1,856	876	915	R-49.3	2,175	824	1,346	R-61.9
SC	803	451	346	D-56.2	894	430	442	R-49.4	969	344	616	R-63.6
GA	1,467	979	484	D-66.7	1,597	891	654	D-55.8	1,776	707	1,069	R-60.2
FL	3,151	1,636	1,470	D-51.9	3,687	1,419	2,047	R-55.5	4,180	1,449	2,730	R-65.3
E. So. Cent	**4,596**	**2,482**	**2,037**	**D-54.0**	**5,147**	**2,465**	**2,518**	**R-48.9**	**5,464**	**2,155**	**3,267**	**R-59.8**
KY	1,167	616	532	D-52.8	1,295	616	635	R-49.1	1,369	540	822	R-60.0
TN	1,476	826	634	D-55.9	1,618	783	788	R-48.7	1,712	712	990	R-57.8
AL	1,183	659	504	D-55.7	1,342	637	654	R-48.8	1,442	552	873	R-60.5
MS	769	381	367	D-49.6	893	429	441	R-49.4	941	352	582	R-61.9
W. So. Cent	**7,210**	**3,774**	**3,354**	**D-52.4**	**8,078**	**3,389**	**4,403**	**R-54.5**	**9,244**	**3,325**	**5,867**	**R-63.5**
AR	768	499	268	D-65.0	838	398	403	R-48.1	884	339	535	R-60.5
LA	1,278	661	587	D-51.7	1,549	708	793	R-51.2	1,707	652	1,037	R-60.8
OK	1,092	532	546	R-50.0	1,150	402	696	R-60.5	1,256	385	862	R-68.6
TX	4,072	2,082	1,953	D-51.1	4,542	1,881	2,511	R-55.3	5,398	1,949	3,433	R-63.6
Mt	**3,815**	**1,569**	**2,124**	**R-55.7**	**4,346**	**1,251**	**2,637**	**R-60.7**	**4,738**	**1,546**	**3,131**	**R-66.1**
MT	329	149	174	R-52.8	364	116	207	R-56.8	384	147	232	R-60.5
ID	344	127	204	R-59.3	437	110	291	R-66.5	411	109	298	R-72.4
WY	156	62	93	R-59.3	177	49	111	R-62.6	189	53	133	R-70.5
CO	1,082	460	584	R-54.0	1,184	368	652	R-55.1	1,295	455	822	R-63.4
NM	418	201	211	R-50.5	457	168	251	R-54.9	514	202	307	R-59.7
AZ	743	296	419	R-56.4	674	247	530	R-60.6	1,026	334	681	R-66.4
UT	541	182	338	R-62.4	604	124	440	R-72.8	630	155	469	R-74.5
NV	202	92	101	R-50.2	248	67	155	R-62.5	287	92	189	R-65.8
Pac	**10,667**	**5,140**	**5,364**	**R-49.4**	**11,973**	**4,369**	**6,177**	**R-51.6**	**13,159**	**5,476**	**7,528**	**R-57.2**
WA	1,556	717	778	R-50.0	1,742	650	865	R-49.7	1,884	807	1,052	R-55.8
OR	1,030	490	492	R-47.8	1,182	457	571	R-48.3	1,227	536	686	R-55.9
CA	7,867	3,742	3,882	R-49.3	8,587	3,084	4,525	R-52.7	9,505	3,923	5,467	R-57.5
AK	124	44	72	R-57.9	158	42	86	R-54.3	208	62	138	R-66.7
HI	291	147	140	D-50.6	303	136	130	D-44.8	336	147	185	R-55.1

[1] Includes other parties.

Source: Elections Research Center, Washington, DC, *America Votes*, biennial. (Copyright.)

No. 413. Votes Cast in Presidential Primaries, 1980 and 1984, and by Leading Candidates, 1984

[Covers only those States with Democratic and Republican presidential primaries]

STATE	1980		1984									
	Votes cast (1,000)	Percent of voting-age population [1]	Primary date	Votes cast, total		Leading Democratic candidates (1,000)					Republican candidates (1,000)	
				Number [2] (1,000)	Percent of voting-age population [1]	Mondale	Hart	Jackson	Glenn	McGovern	Reagan	Other
New Hampshire	259	38.6	Feb. 28	177	24.5	28	38	5	12	5	65	11
Vermont	106	28.6	Mar. 6	108	27.6	15	52	6	-	-	33	(Z)
Alabama	449	16.3	Mar. 13	[3] 428	14.9	148	88	84	89	-	(3)	(3)
Florida	1,713	22.6	Mar. 13	1,526	17.9	394	464	144	128	18	344	-
Georgia	585	15.1	Mar. 13	735	17.5	209	187	144	123	11	51	-
Massachusetts	1,308	30.6	Mar. 13	697	15.8	161	246	32	45	134	59	7
Rhode Island	44	6.2	Mar. 13	47	6.4	15	20	4	2	2	2	(Z)
Illinois	2,331	26.3	Mar. 20	2,255	26.8	671	585	349	20	25	595	(Z)
Connecticut	393	17.0	Mar. 27	[3] 221	9.2	64	116	26	1	2	(3)	(3)
New York	[3] 989	7.6	Apr. 3	[3] 1,388	10.4	622	381	356	16	5	(3)	(3)
Wisconsin	1,537	45.6	Apr. 3	931	26.7	261	282	63	6	10	281	14
Pennsylvania	2,855	32.5	Apr. 10	2,278	25.3	747	551	264	23	13	617	4
District of Columbia	72	14.5	May 1	108	22.4	26	7	69	-	-	6	-
Tennessee	490	14.8	May 1	405	11.7	132	94	81	4	4	75	8
Louisiana	400	13.7	May 5	335	10.6	71	80	137	-	3	15	2
Texas	1,904	18.8	May 5	[4] 320	2.8	(4)	(4)	(4)	(4)	(4)	309	11
Indiana	1,158	29.8	May 8	1,146	28.9	293	299	98	16	-	429	-
Maryland	644	20.9	May 8	581	17.8	215	123	129	6	6	74	-
North Carolina	906	21.2	May 8	[3] 961	21.1	342	290	244	18	10	(3)	(3)
Ohio	2,043	26.4	May 8	2,105	26.8	584	609	237	-	9	658	-
Nebraska	359	31.8	May 15	296	25.5	40	87	13	-	2	145	1
Oregon	684	35.5	May 15	643	32.8	110	234	37	11	-	239	5
Idaho	186	28.8	May 22	160	23.5	16	32	3	-	-	97	8
California	5,959	34.0	June 5	4,846	25.4	1,049	1,155	547	98	70	1,875	(Z)
Montana	209	37.4	June 5	106	17.9	2	3	(Z)	-	-	66	5
New Jersey	839	15.5	June 5	917	16.2	306	201	160	-	-	240	-
New Mexico	219	24.4	June 5	230	23.1	68	88	22	-	5	41	2
South Dakota	152	31.1	June 5	[3] 53	10.6	20	27	3	-	-	(3)	(3)
West Virginia	456	32.6	June 5	506	35.3	199	138	25	-	-	126	11
North Dakota	(3) (4)	(X)	June 12	78	15.9	1	29	-	-	-	44	-

- Represents zero. X Not applicable. Z Less than 500. [1] Based on estimated resident voting-age population as of November. [2] Includes votes for other candidates, not shown separately.
[3] No Republican primary held. [4] No Democratic primary held.

Source: Elections Research Center, Washington, DC, *America Votes*, biennial. (Copyright).

No. 414. Vote Cast for United States Senators, by Major Political Party—States: 1980 to 1984

[In thousands, except percent. Except as noted, excludes elections to fill vacancies for unexpired term]

Division and State	1980				1982				1984			
	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party
N. Eng.:												
ME	(X)	(X)	(X)	(X)	460	280	180	60.9	551	143	404	73.3
NH	375	179	196	52.1	(X)	(X)	(X)	(X)	384	157	226	58.7
VT	209	104	101	49.8	168	79	84	50.3	(X)	(X)	(X)	(X)
MA	(X)	(X)	(X)	(X)	2,051	1,247	785	60.8	2,530	1,393	1,137	55.1
RI	(X)	(X)	(X)	(X)	343	167	175	51.2	395	287	108	72.6
CT	1,356	764	582	56.3	1,084	499	546	50.4	(X)	(X)	(X)	(X)
Mid. Atl.:												
NY	6,015	2,619	2,700	44.9	4,968	3,232	1,697	65.1	(X)	(X)	(X)	(X)
NJ	(X)	(X)	(X)	(X)	2,194	1,118	1,048	50.9	3,096	1,987	1,080	64.2
PA	4,418	2,122	2,230	50.5	3,604	1,413	2,136	59.3	(X)	(X)	(X)	(X)
E. No. Cent.:												
OH	4,027	2,771	1,138	68.8	3,395	1,924	1,397	56.7	(X)	(X)	(X)	(X)
IN	2,198	1,016	1,182	53.8	1,817	828	978	53.8	(X)	(X)	(X)	(X)
IL	4,580	2,565	1,946	56.0	(X)	(X)	(X)	(X)	4,787	2,397	2,308	50.1
MI	(X)	(X)	(X)	(X)	2,994	1,729	1,223	57.7	3,701	1,916	1,745	51.8
WI	2,204	1,085	1,106	50.2	1,545	983	527	63.6	(X)	(X)	(X)	(X)
W. No. Cent.:												
MN	(X)	(X)	(X)	(X)	1,805	840	949	52.6	2,066	853	1,200	58.1
IA	1,277	582	683	53.5	(X)	(X)	(X)	(X)	1,293	717	564	55.5
MO	2,067	1,075	985	52.0	1,544	759	785	50.8	(X)	(X)	(X)	(X)
ND	299	87	210	70.3	262	165	89	62.8	(X)	(X)	(X)	(X)
SD	327	129	191	58.2	(X)	(X)	(X)	(X)	316	81	235	74.5
NE	(X)	(X)	(X)	(X)	546	363	156	66.6	640	332	307	51.9
KS	939	340	599	63.8	(X)	(X)	(X)	(X)	997	212	757	76.0
So. Atl.:												
DE	(X)	(X)	(X)	(X)	191	84	105	55.2	246	148	98	60.1
MD	1,286	435	851	66.2	1,115	707	407	63.5	(X)	(X)	(X)	(X)
VA	(X)	(X)	(X)	(X)	1,416	691	725	51.2	2,007	601	1,406	70.0
WV	(X)	(X)	(X)	(X)	565	387	174	68.5	722	374	345	51.8
NC	1,798	888	898	50.0	(X)	(X)	(X)	(X)	2,239	1,070	1,157	51.7
SC	871	613	258	70.4	(X)	(X)	(X)	(X)	965	307	645	66.8
GA	1,580	776	804	50.9	(X)	(X)	(X)	(X)	1,681	1,344	337	79.9
FL	3,528	1,705	1,822	51.7	2,653	1,638	1,015	61.7	(X)	(X)	(X)	(X)
E. So. Cent.:												
KY	1,107	721	386	65.1	(X)	(X)	(X)	(X)	1,292	640	645	49.9
TN	(X)	(X)	(X)	(X)	1,260	780	480	61.9	1,648	1,001	557	60.7
AL	1,297	610	650	50.2	(X)	(X)	(X)	(X)	1,371	861	499	62.8
MS	(X)	(X)	(X)	(X)	645	414	231	64.2	952	372	580	60.9
W. So. Cent.:												
AR	809	478	331	59.1	(X)	(X)	(X)	(X)	876	502	374	57.3
LA	[2]	[2]	[2]	[2]	(X)	(X)	(X)	(X)	[2]	[2]	[2]	[2]
OK	1,098	478	587	53.5	(X)	(X)	(X)	(X)	1,198	906	281	75.6
TX	(X)	(X)	(X)	(X)	3,103	1,818	1,257	58.6	5,319	2,203	3,116	58.6
Mt.:												
MT	(X)	(X)	(X)	(X)	321	175	134	54.5	379	216	154	56.9
ID	440	214	219	49.7	(X)	(X)	(X)	(X)	406	106	293	72.2
WY	(X)	(X)	(X)	(X)	167	72	95	56.7	187	41	146	78.3
CO	1,174	591	571	50.3	(X)	(X)	(X)	(X)	1,298	449	834	64.2
NM	(X)	(X)	(X)	(X)	405	218	187	53.8	503	141	361	71.9
AZ	874	423	432	49.5	724	412	292	56.9	(X)	(X)	(X)	(X)
UT	594	151	436	73.6	531	219	309	58.3	(X)	(X)	(X)	(X)
NV	246	92	144	58.5	240	115	120	50.1	(X)	(X)	(X)	(X)
Pac.:												
WA	1,728	792	936	54.2	1,368	944	332	69.0	[3] 1,213	[3] 541	[3] 672	[3] 55.4
OR	1,140	502	594	52.1	(X)	(X)	(X)	(X)	1,215	406	808	66.5
CA	8,327	4,705	3,093	56.5	7,806	3,495	4,023	51.5	(X)	(X)	(X)	(X)
AK	157	72	84	53.7	(X)	(X)	(X)	(X)	206	59	147	71.2
HI	288	224	53	77.9	306	245	52	80.1	(X)	(X)	(X)	(X)

X Not applicable. [1] Includes vote cast for minor parties. [2] Louisiana holds an open-primary election with candidates from all parties running on the same ballot. Any candidate who receives a majority is elected; if no candidate receives 50 percent, there is a run-off election in November between the top two finishers. [3] 1983 election to fill vacancy caused by death of Senator Jackson.

Source: Elections Research Center, Washington, DC, *America Votes*, biennial. (Copyright.)

No. 415. Vote Cast for United States Representatives, by Major Political Parties—States: 1980 to 1984

[**In thousands, except percent.** In each State, totals represent the sum of votes cast in each Congressional District or votes cast for Representative at Large in States where only one member is elected. In all years there are numerous districts within the State where either the Republican or Democratic party had no candidate. In some States the Republican and Democratic vote includes votes cast for the party candidate by endorsing parties. See also *Historical Statistics, Colonial Times to 1970*, series Y 211–214]

Region, division, and state	1980				1982				1984			
	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party
U.S. [2]	**77,995**	**39,338**	**37,370**	**D-50.4**	**64,514**	**35,896**	**27,799**	**D-55.3**	**83,231**	**43,539**	**38,956**	**D-52.3**
Region:												
Northeast	17,733	8,840	8,525	D-49.9	14,636	8,124	6,240	D-55.5	19,179	10,116	8,916	D-52.8
Midwest	23,720	11,443	12,147	R-51.2	19,088	10,369	8,550	D-54.3	24,171	12,230	11,813	D-50.6
South [3]	21,024	11,749	8,965	D-55.9	16,826	10,225	6,377	D-60.8	22,904	13,226	9,526	D-57.7
West	15,522	7,303	7,711	R-49.7	13,961	6,975	6,631	D-50.0	16,978	7,964	8,703	R-51.3
N. Eng	**5,054**	**2,697**	**2,287**	**D-53.4**	**4,180**	**2,390**	**1,733**	**D-57.2**	**5,309**	**2,822**	**2,435**	**D-53.2**
ME	513	138	375	R-73.1	452	187	261	R-57.7	542	162	375	R-69.2
NH	364	177	187	R-51.3	269	114	154	R-57.3	373	119	251	R-67.2
VT	195	–	154	R-79.2	165	38	114	R-69.2	226	60	148	R-65.4
MA	2,256	1,473	758	D-65.3	1,890	1,300	561	D-68.8	2,346	1,618	704	D-59.0
RI	387	214	173	D-55.3	333	174	156	D-52.2	390	[4] 195	[4] 195	R-50.0
CT	1,339	695	640	D-51.9	1,071	577	485	D-53.9	1,432	668	762	R-53.2
Mid. Atl	**12,879**	**6,143**	**6,238**	**R-49.2**	**10,456**	**5,734**	**4,507**	**D-54.8**	**13,870**	**7,294**	**6,481**	**D-52.6**
NY [5]	5,617	2,771	2,707	D-49.3	4,681	2,617	1,940	D-55.9	6,218	3,255	2,898	D-52.4
NJ	2,741	1,316	1,389	R-49.9	2,146	1,206	915	D-56.2	2,992	1,508	1,471	D-50.4
PA	4,321	2,056	2,162	R-50.0	3,629	1,911	1,652	D-52.7	4,660	2,531	2,112	D-54.3
E. No. Cent	**16,336**	**7,873**	**8,368**	**R-51.2**	**12,994**	**7,221**	**5,635**	**D-55.6**	**16,618**	**8,417**	**8,110**	**D-50.7**
OH	3,952	1,788	2,136	R-54.0	3,326	1,807	1,457	D-54.3	4,332	2,134	2,159	R-49.8
IN	2,189	1,087	1,100	R-50.2	1,796	882	910	R-50.7	2,180	1,022	1,147	R-52.6
IL	4,473	2,049	2,416	R-54.1	3,613	2,093	1,506	D-57.9	4,579	2,367	2,204	D-51.7
MI	3,588	1,877	1,659	D-52.3	2,808	1,670	1,093	D-59.4	3,452	1,861	1,567	D-53.9
WI	2,134	1,072	1,055	D-50.2	1,451	769	667	D-53.0	2,075	[6] 1,033	[6] 1,033	D-49.8
W. No. Cent	**7,384**	**3,570**	**3,779**	**R-51.2**	**6,094**	**3,148**	**2,915**	**D-51.7**	**7,553**	**3,813**	**3,703**	**D-50.5**
MN	1,905	906	987	R-51.8	1,750	956	778	D-54.6	1,975	1,061	902	D-53.7
IA	1,257	643	609	D-51.1	1,005	529	475	D-52.6	1,269	595	673	R-53.1
MO	2,051	1,110	941	D-54.1	1,528	872	653	D-57.0	2,040	1,130	909	D-55.4
ND	293	166	125	D-56.8	260	187	72	D-71.6	309	243	66	D-78.7
SD	320	173	146	D-54.3	276	142	134	D-51.6	316	181	135	D-57.4
NE	625	167	451	R-72.2	519	116	402	R-77.5	650	168	482	R-74.2
KS	933	405	520	R-55.7	756	346	401	R-53.0	994	435	542	R-54.5
So. Atl. [2]	**11,026**	**6,095**	**4,817**	**D-55.3**	**8,367**	**4,950**	**3,345**	**D-59.2**	**11,486**	**6,414**	**5,003**	**D-55.8**
DE	217	81	134	R-61.8	188	99	87	D-52.4	243	142	101	D-58.5
MD	1,403	866	537	D-61.7	1,091	743	349	D-68.1	1,495	955	536	D-63.9
DC	151	112	21	D-74.4	113	93	17	D-83.0	162	155	–	D-95.6
VA	1,553	486	1,005	R-64.7	1,335	630	690	R-51.7	1,838	795	1,003	R-54.6
WV	688	391	295	D-57.0	546	343	202	D-62.8	704	429	275	D-60.9
NC	1,737	964	769	D-55.5	1,321	708	580	D-53.6	2,158	1,131	1,026	D-52.4
SC	830	408	399	D-49.2	657	353	285	D-53.7	928	471	441	D-50.7
GA	1,355	974	381	D-71.9	904	670	225	D-74.1	1,521	1,091	430	D-71.7
FL [6 7]	3,094	1,813	1,276	D-58.6	2,212	1,311	900	D-59.3	2,437	1,245	1,191	D-51.1
E. So. Cent	**4,161**	**2,330**	**1,719**	**D-56.0**	**3,478**	**2,156**	**1,283**	**D-62.0**	**4,522**	**2,728**	**1,753**	**D-60.3**
KY	1,058	610	442	D-57.8	700	413	280	D-59.0	1,188	657	529	D-55.3
TN	1,304	664	619	D-50.9	1,176	698	470	D-59.4	1,316	726	589	D-55.2
AL	1,012	628	354	D-62.1	961	677	273	D-70.4	1,149	822	308	D-71.5
MS	789	428	304	D-54.3	641	368	260	D-57.5	869	523	327	D-60.2
W. So. Cent	**5,837**	**3,324**	**2,449**	**D-56.9**	**4,981**	**3,119**	**1,749**	**D-62.6**	**6,896**	**4,084**	**2,770**	**D-59.2**
AR [6 8]	202	42	159	R-78.9	759	397	362	D-52.4	463	341	91	D-73.7
LA [9]	730	437	290	D-59.9	517	336	142	D-65.0	642	402	239	D-62.7
OK [6 10]	836	440	391	D-52.6	656	539	310	D-63.0	1,111	646	456	D-58.1
TX	4,069	2,405	1,609	D-59.1	2,848	1,847	935	D-64.8	4,680	2,695	1,982	D-57.6
Mt	**4,174**	**1,884**	**2,166**	**R-51.9**	**3,573**	**1,573**	**1,925**	**R-53.9**	**4,527**	**1,672**	**2,776**	**R-61.3**
MT	339	176	162	D-52.1	317	166	142	D-52.4	371	187	179	D-50.5
ID	415	182	233	R-56.1	321	151	170	R-53.0	405	165	240	R-59.3
WY	170	53	116	R-68.6	159	46	113	R-71.1	188	46	138	R-73.6
CO	1,150	506	619	R-53.8	946	448	485	R-51.2	1,248	436	780	R-62.5
NM	409	176	167	R-45.9	395	203	192	D-51.4	500	201	294	R-58.9
AZ	854	394	434	R-50.8	711	300	395	R-55.5	943	320	609	R-83.9
UT	592	232	352	R-59.4	490	145	312	R-63.7	601	208	387	R-64.5
NV	245	165	63	D-67.5	234	114	116	R-49.5	271	109	155	R-57.3
Pac	**11,346**	**5,419**	**5,545**	**R-48.9**	**10,388**	**5,402**	**4,706**	**D-52.0**	**12,451**	**6,292**	**5,927**	**D-50.5**
WA	1,626	816	793	D-50.2	1,307	690	604	D-52.8	1,808	997	800	D-55.1
OR	1,106	657	439	D-59.4	1,015	578	437	D-56.9	1,203	655	548	D-54.4
CA	8,180	3,666	4,179	R-51.1	7,587	3,815	3,537	D-50.3	8,958	4,327	4,424	R-49.4
AK	155	40	114	R-73.8	161	52	128	R-70.9	206	86	114	R-55.0
HI	281	240	20	D-85.4	298	267	–	D-89.6	276	227	41	D-82.5

– Represents zero. [1] Includes vote cast for *minor* parties. [2] Includes vote cast for non-voting Delegate at Large in District of Columbia. [3] Total vote for Republican candidates was 195,077; for Democratic candidates, 194,942. [4] Includes votes cast by other endorsing parties for Democratic and Republican candidates. [5] Total vote for Democratic candidates was 1,033,033; for Republican candidates, 1,032,948. [6] State law does not require tabulation of votes for unopposed candidates. [7] In 1980 District 6 was unopposed; in 1982 Districts 8, 10 and 17 were unopposed; in 1984 Districts 1, 2, 3, 5, 12, 13 and 17 were unopposed. [8] 1980 data for 2nd District only; 1984 no data for District 3. [9] Data are for September open primary. [10] In 1980 District 3 was unopposed.

Source: Compiled by U.S. Bureau of the Census. Data from Elections Research Center, Washington, DC, *America Votes*, biennial (copyright).

No. 416. Representatives Elected, by Percent of Vote Cast for Winner and Major Party, 1970 to 1984, and by State, 1984

[For composition of regions, see fig. I, inside front cover]

Year, region, division, and state	Total representatives elected				Democrats elected				Republicans elected				Representatives elected with no major party opposition		
	Total	Percentage of vote			Total	Percentage of vote			Total	Percentage of vote			Total	Democrats	Republicans
		Under 55	55-59.9	60 and over		Under 55	55-59.9	60 and over		Under 55	55-59.9	60 and over			
1970	435	59	64	312	255	28	26	201	180	31	38	111	63	58	5
1972	[1] 435	[1] 67	60	308	242	28	29	185	192	38	31	123	54	46	8
1974	435	105	69	261	291	48	34	209	144	57	35	52	60	59	1
1976	435	76	62	297	292	52	32	208	143	24	30	89	52	46	6
1978	435	74	61	300	277	46	36	195	158	28	25	105	70	51	19
1980	435	78	63	294	243	35	35	173	192	43	28	121	54	39	15
1982	435	76	73	286	269	40	33	196	166	36	40	90	56	46	10
1984, total	**435**	**58**	**56**	**321**	**253**	**33**	**38**	**182**	**182**	**25**	**18**	**139**	**68**	**54**	**14**
Region:															
Northeast	95	15	11	69	54	10	5	39	41	5	6	30	6	6	-
Midwest	113	14	13	86	62	10	10	42	51	4	3	44	7	7	-
South	142	20	23	99	93	8	18	67	49	12	5	32	49	39	10
West	85	9	9	67	44	5	5	34	41	4	4	33	6	2	4
N. Eng	**24**	**4**	**2**	**18**	**14**	**3**	**1**	**10**	**10**	**1**	**1**	**8**	**3**	**3**	**-**
ME	2	-	-	2	-	-	-	-	2	-	-	2	-	-	-
NH	2	-	1	1	-	-	-	-	2	-	1	1	-	-	-
VT	1	-	-	1	-	-	-	-	1	-	-	1	-	-	-
MA	11	1	1	9	10	1	1	8	1	-	-	1	3	3	-
RI	2	-	-	2	1	-	-	1	1	-	-	1	-	-	-
CT	6	3	-	3	3	2	-	1	3	1	-	2	-	-	-
Mid. Atl	**71**	**11**	**9**	**51**	**40**	**7**	**4**	**29**	**31**	**4**	**5**	**22**	**3**	**3**	**-**
NY	34	7	3	24	19	4	1	14	15	3	2	10	2	2	-
NJ	14	1	2	11	8	1	1	6	6	-	1	5	-	-	-
PA	23	3	4	16	13	2	2	9	10	1	2	7	1	1	-
E. No. Cent	**80**	**10**	**10**	**60**	**45**	**8**	**8**	**29**	**35**	**2**	**2**	**31**	**6**	**6**	**-**
OH	21	2	2	17	11	2	2	7	10	-	-	10	2	2	-
IN	10	3	1	6	5	2	1	2	5	1	-	4	-	-	-
IL	22	2	2	18	13	2	1	10	9	-	1	8	1	1	-
MI	18	3	4	11	11	2	3	6	7	1	1	5	2	2	-
WI	9	-	1	8	5	-	1	4	4	-	-	4	1	1	-
W. No. Cent	**33**	**4**	**3**	**26**	**17**	**2**	**2**	**13**	**16**	**2**	**1**	**13**	**1**	**1**	**-**
MN	8	-	2	6	5	-	1	4	3	-	1	2	-	-	-
IA	6	1	-	5	2	-	-	2	4	1	-	3	-	-	-
MO	9	2	-	7	6	2	-	4	3	-	-	3	1	1	-
ND	1	-	-	1	1	-	-	1	-	-	-	-	-	-	-
SD	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-
NE	3	-	-	3	-	-	-	-	3	-	-	3	-	-	-
KS	5	1	-	4	2	-	-	2	3	1	-	2	-	-	-
So. Atl	**69**	**11**	**13**	**45**	**44**	**5**	**10**	**29**	**25**	**6**	**3**	**16**	**18**	**13**	**5**
DE	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-
MD	8	1	1	6	6	-	1	5	2	1	-	1	1	1	-
VA	10	2	3	5	4	2	-	2	6	-	3	3	4	2	2
WV	4	1	1	2	4	1	1	2	-	-	-	-	-	-	-
NC	11	6	1	4	6	2	1	3	5	4	-	1	-	-	-
SC	6	-	2	4	3	-	2	1	3	-	-	3	1	1	-
GA	10	1	1	8	8	-	1	7	2	1	-	1	4	4	-
FL	19	-	3	16	12	-	3	9	7	-	-	7	8	5	3
E. So. Cent	**28**	**4**	**2**	**22**	**18**	**1**	**2**	**15**	**10**	**3**	**-**	**7**	**11**	**9**	**2**
KY	7	1	-	6	4	-	-	4	3	1	-	2	1	1	-
TN	9	1	-	8	6	1	-	5	3	-	-	3	4	2	2
AL	7	1	1	5	5	-	1	4	2	1	-	1	4	4	-
MS	5	1	1	3	3	-	1	2	2	1	-	1	2	2	-
W. So. Cent	**45**	**5**	**8**	**32**	**31**	**2**	**6**	**23**	**14**	**3**	**2**	**9**	**20**	**17**	**3**
AR	4	1	-	3	3	1	-	2	1	-	-	1	3	2	1
LA	8	-	-	8	6	-	-	6	2	-	-	2	8	6	2
OK	6	1	1	4	5	1	1	3	1	-	-	1	-	-	-
TX	27	3	7	17	17	-	5	12	10	3	2	5	9	9	-
Mt	**24**	**4**	**2**	**18**	**7**	**2**	**1**	**4**	**17**	**2**	**1**	**14**	**3**	**1**	**2**
MT	2	-	-	2	1	-	-	1	1	-	-	1	-	-	-
ID	2	1	-	1	1	1	-	-	1	-	-	1	-	-	-
WY	1	-	-	1	-	-	-	-	1	-	-	1	-	-	-
CO	6	1	1	4	2	1	-	1	4	-	1	3	1	-	1
NM	3	-	-	3	1	-	-	1	2	-	-	2	-	-	-
AZ	5	1	-	4	1	-	-	1	4	1	-	3	2	1	1
UT	3	1	-	2	-	-	-	-	3	1	-	2	-	-	-
NV	2	-	1	1	1	-	1	-	1	-	-	1	-	-	-
Pac	**61**	**5**	**7**	**49**	**37**	**3**	**4**	**30**	**24**	**2**	**3**	**19**	**3**	**1**	**2**
WA	8	-	2	6	5	-	1	4	3	-	1	2	-	-	-
OR	5	2	2	1	3	1	1	1	2	1	1	-	-	-	-
CA	45	3	2	40	27	2	2	23	18	1	-	17	3	1	2
AK	1	-	1	-	-	-	-	-	1	-	1	-	-	-	-
HI	2	-	-	2	2	-	-	2	-	-	-	-	-	-	-

- Represents zero. [1] Includes one Representative elected as an Independent.

Source: Compiled by U.S. Bureau of the Census from Congressional Quarterly, Inc., Washington, DC, *Congressional Quarterly Weekly Report*, vol. 37, No. 13, March 31, 1979; vol. 39, No. 17, April 5, 1981; vol. 41, No. 7, February 19, 1983; and vol. 43, No. 15, April 13, 1985 (copyright).

NO. 417. COMPOSITION OF CONGRESS, BY POLITICAL PARTY: 1939 TO 1985

[D=Democratic, R=Republican. Data for beginning of first session of each Congress; *exclude vacancies at beginning of session.* See also *Historical Statistics, Colonial Times to 1970*, series Y 204-210]

YEAR	Party and President	Congress	HOUSE			SENATE		
			Majority party	Minority party	Other	Majority party	Minority party	Other
1939	D (F. Roosevelt)	76th	D-261	R-169	4	D-69	R-23	4
1941	D (F. Roosevelt)	77th	D-268	R-162	5	D-66	R-28	2
1943	D (F. Roosevelt)	78th	D-218	R-208	4	D-58	R-37	1
1945	D (F. Roosevelt)	79th	D-242	R-190	2	D-56	R-38	1
1947	D (Truman)	80th	R-245	D-188	1	R-51	D-45	-
1949	D (Truman)	81st	D-263	R-171	1	D-54	R-42	-
1951	D (Truman)	82d	D-234	R-199	1	D-49	R-47	-
1953	R (Eisenhower)	83d	R-221	D-211	1	R-48	D-47	1
1955	R (Eisenhower)	84th	D-232	R-203	-	D-48	R-47	1
1957	R (Eisenhower)	85th	D-233	R-200	-	D-49	R-47	-
1959 [1]	R (Eisenhower)	86th	D-284	R-153	-	D-65	R-35	-
1961	D (Kennedy)	87th	D-263	R-174	-	D-65	R-35	-
1963	D (Kennedy)	88th	D-258	R-177	-	D-67	R-33	-
1965	D (Johnson)	89th	D-295	R-140	-	D-68	R-32	-
1967	D (Johnson)	90th	D-247	R-187	-	D-64	R-36	-
1969	R (Nixon)	91st	D-243	R-192	-	D-57	R-43	-
1971 [2]	R (Nixon)	92d	D-254	R-180	-	D-54	R-44	2
1973 [2 3]	R (Nixon)	93d	D-239	R-192	1	D-56	R-42	2
1975 [4]	R (Ford)	94th	D-291	R-144	-	D-60	R-37	2
1977 [5]	D (Carter)	95th	D-292	R-143	-	D-61	R-38	1
1979 [6]	D (Carter)	96th	D-276	R-157	-	D-58	R-41	1
1981 [5]	R (Reagan)	97th	D-243	R-192	-	R-53	D-46	1
1983	R (Reagan)	98th	D-269	R-165	-	R-54	D-46	-
1985	R (Reagan)	99th	D-252	R-182	-	R-53	D-47	-

- Represents zero. [1] Includes Hawaii; members seated Aug. 1959. [2] Senate had 1 Independent and 1 Conservative-Republican. [3] House had 1 Independent-Democrat. [4] Senate had 1 Independent, 1 Conservative-Republican, and 1 undecided (New Hampshire). [5] Senate had 1 Independent.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial.

NO. 418. CONGRESSIONAL BILLS, ACTS, AND RESOLUTIONS: 1967 TO 1984

[Excludes simple and concurrent resolutions. See also *Historical Statistics, Colonial Times to 1970*, series Y 189-198]

ITEM	90th Cong., 1967-68	91st Cong., 1969-70	92d Cong., 1971-72	93d Cong., 1973-74	94th Cong., 1975-76	95th Cong., 1977-78	96th Cong., 1979-80	97th Cong., 1981-82	98th Cong., 1983-84
Measures introduced	26,460	26,303	22,969	23,396	21,096	19,387	12,583	11,490	11,156
Bills	24,786	24,631	21,363	21,950	19,762	18,045	11,722	10,582	10,134
Joint resolutions	1,674	1,672	1,606	1,446	1,334	1,342	861	908	1,022
Measures enacted	1,002	941	768	774	729	803	736	529	677
Public	640	695	607	651	588	633	613	473	623
Private	362	246	161	123	141	170	123	56	54

Source: U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

NO. 419. CONGRESSIONAL BILLS VETOED: 1923 TO 1984

[See also *Historical Statistics, Colonial Times to 1970*, series Y 199-203]

PERIOD	President	Total vetoes	Regular vetoes	Pocket vetoes	Vetoes sustained	*Bills passed over veto*
1923-1929	Coolidge	50	20	30	46	4
1929-1933	Hoover	37	21	16	34	3
1933-1945	F. Roosevelt	635	372	263	626	9
1945-1953	Truman	250	180	70	238	12
1953-1961	Eisenhower	181	73	108	179	2
1961-1963	Kennedy	21	12	9	21	-
1963-1969	Johnson	30	16	14	30	-
1969-1974	Nixon	42	24	18	36	6
1974-1977	Ford	72	53	19	60	12
1977-1981	Carter	31	13	18	29	2
1981-1984	Reagan	39	31	8	35	4

- Represents zero.

Source: U.S. Congress, Senate Library, *Presidential Vetoes . . . 1789-1968*; U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

No. 420. Composition of Congress, by Political Party Affiliation—States: 1979 to 1985

[Figures are for the beginning of the first session. Dem.=Democratic; Rep.=Republican. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Representatives								Senators							
	96th Cong.,[1] 1979		97th Cong., 1981		98th Cong.,[2] 1983		99th Cong.,[3] 1985		96th Cong.,[4] 1979		97th Cong.,[4] 1981		98th Cong., 1983		99th Cong., 1985	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
U.S.	**276**	**157**	**243**	**192**	**269**	**165**	**252**	**182**	**58**	**41**	**46**	**53**	**46**	**54**	**47**	**53**
Region:																
Northeast	69	35	59	45	58	37	54	41	10	8	9	9	9	9	9	9
Midwest	65	55	58	63	62	51	61	51	14	10	10	14	10	14	12	12
South	96	38	87	47	103	39	93	49	22	9	18	13	18	14	18	14
West	46	29	39	37	46	38	44	41	12	14	9	17	9	17	8	18
N. Eng	**18**	**7**	**16**	**9**	**16**	**8**	**14**	**10**	**7**	**5**	**6**	**6**	**6**	**6**	**6**	**6**
ME	–	2	–	2	–	2	–	2	1	1	1	1	1	1	1	1
NH	1	1	1	1	1	1	–	2	1	1	–	2	–	2	–	2
VT	–	1	–	1	–	1	–	1	1	1	1	1	1	1	1	1
MA	10	2	10	2	10	1	10	1	2	–	2	–	2	–	2	–
RI	2	–	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CT	5	1	4	2	4	2	3	3	1	1	1	1	1	1	1	1
Mid. Atl	**51**	**28**	**43**	**36**	**42**	**29**	**40**	**31**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
NY	26	13	22	17	20	14	19	15	1	1	1	1	1	1	1	1
NJ	10	5	8	7	9	5	8	6	2	–	2	–	2	–	2	–
PA	15	10	13	12	13	10	13	10	–	2	–	2	–	2	–	2
E. No. Cent	**47**	**38**	**43**	**43**	**44**	**36**	**44**	**35**	**8**	**2**	**6**	**4**	**6**	**4**	**7**	**3**
OH	10	13	10	13	10	11	11	10	2	–	2	–	2	–	2	–
IN	7	4	6	5	5	5	4	5	1	1	–	2	–	2	–	2
IL	11	13	10	14	12	10	13	9	1	1	1	1	1	1	2	–
MI	13	6	12	7	12	6	11	7	2	–	2	–	2	–	2	–
WI	6	2	5	4	5	4	5	4	2	–	1	1	1	1	1	1
W. No. Cent	**18**	**17**	**15**	**20**	**18**	**15**	**17**	**16**	**6**	**8**	**4**	**10**	**4**	**10**	**5**	**9**
MN	4	4	3	5	5	3	5	3	–	2	–	2	–	2	–	2
IA	3	3	3	3	3	3	2	4	1	1	–	2	–	2	1	1
MO	8	2	6	4	6	3	6	3	1	1	1	1	1	1	1	1
ND	–	1	1	–	1	–	1	–	1	1	1	1	1	1	1	1
SD	1	1	1	1	1	–	1	–	1	1	–	2	–	2	–	2
NE	1	2	–	3	–	3	–	3	2	–	2	–	2	–	2	–
KS	1	4	1	4	2	3	2	3	–	2	–	2	–	2	–	2
So. Atl	**48**	**17**	**39**	**26**	**50**	**19**	**44**	**25**	**10**	**5**	**7**	**8**	**7**	**9**	**7**	**9**
DE	–	1	–	1	1	–	1	–	1	1	1	1	1	1	1	1
MD	6	2	7	1	7	1	6	2	1	1	1	1	1	1	1	1
VA	4	6	1	9	4	6	4	6	–	1	–	1	–	2	–	2
WV	4	–	2	2	4	–	4	–	2	–	2	–	2	–	2	–
NC	9	2	7	4	9	2	6	5	1	1	–	2	–	2	–	2
SC	4	2	2	4	3	3	3	3	1	1	1	1	1	1	1	1
GA	9	1	9	1	9	1	8	2	2	–	1	1	1	1	1	1
FL	12	3	11	4	13	6	12	7	2	–	1	1	1	1	1	1
E. So. Cent	**16**	**11**	**16**	**11**	**18**	**10**	**18**	**10**	**6**	**2**	**5**	**3**	**5**	**3**	**5**	**3**
KY	4	3	4	3	4	3	4	3	2	–	2	–	2	–	1	1
TN	5	3	5	3	6	3	6	3	1	1	1	1	1	1	2	–
AL	4	3	4	3	5	2	5	2	2	–	1	1	1	1	1	1
MS	3	2	3	2	3	2	3	2	1	1	1	1	1	1	1	1
W. So. Cent	**32**	**10**	**32**	**10**	**35**	**10**	**31**	**14**	**6**	**2**	**6**	**2**	**6**	**2**	**6**	**2**
AR	2	2	2	2	2	2	3	1	2	–	2	–	2	–	2	–
LA	5	3	6	2	6	2	6	2	2	–	2	–	2	–	2	–
OK	5	1	5	1	5	1	5	1	1	1	1	1	1	1	1	1
TX	20	4	19	5	22	5	17	10	1	1	1	1	1	1	1	1
Mt	**9**	**10**	**7**	**12**	**8**	**15**	**7**	**17**	**6**	**10**	**5**	**11**	**5**	**11**	**5**	**11**
MT	1	1	1	1	1	1	1	1	2	–	2	–	2	–	2	–
ID	–	2	–	2	–	2	1	1	1	1	–	2	–	2	–	2
WY	–	1	–	1	–	1	–	1	–	2	–	2	–	2	–	2
CO	3	2	3	2	3	2	2	4	1	1	1	1	1	1	1	1
NM	1	1	–	2	1	2	1	2	–	2	–	2	1	1	1	1
AZ	2	2	2	2	2	3	1	4	1	1	1	1	1	1	1	1
UT	1	1	–	2	–	3	–	3	–	2	–	2	–	2	–	2
NV	1	–	1	–	1	1	1	1	1	1	1	1	–	2	–	2
Pac	**37**	**19**	**32**	**25**	**38**	**23**	**37**	**24**	**6**	**4**	**4**	**6**	**4**	**6**	**3**	**7**
WA	6	1	5	2	5	3	5	3	2	–	1	1	1	1	–	2
OR	4	–	3	1	3	2	3	2	–	2	–	2	–	2	–	2
CA	25	17	22	21	28	17	27	18	1	1	1	1	1	1	1	1
AK	–	1	–	1	–	1	–	1	1	1	–	2	–	2	–	2
HI	2	–	2	–	2	–	2	–	2	–	2	–	2	–	2	–

– Represents zero. [1] California and Wisconsin each had 1 vacancy. [2] Colorado had one vacancy. [3] Indiana had one vacancy. [4] Virginia had one Senator classified as Independent.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, biennial; and unpublished data.

No. 421. Members of Congress—Incumbents Re-elected: 1960 to 1984

ITEM	PRESIDENTIAL-YEAR ELECTIONS							MIDTERM ELECTIONS					
	1960	1964	1968	1972	1976	1980	1984	1962	1966	1970	1974	1978	1982
Representatives:													
Incumbent candidates	405	397	409	390	384	398	411	402	411	401	391	382	393
Re-elected	375	344	396	365	368	361	392	368	362	379	343	358	354
Percent of candidates	92.6	86.6	96.8	93.6	95.8	90.7	95.3	91.5	88.1	94.5	87.7	93.7	90.0
Defeated: In primaries	[1] 5	8	4	12	3	6	3	12	8	10	8	5	[2] 10
In general elections	25	45	9	13	13	31	16	22	41	12	40	19	29
Senators:													
Incumbent candidates	29	33	28	27	25	29	29	35	32	31	27	25	30
Re-elected	28	28	20	16	16	26	29	29	28	24	23	15	28
Percent of candidates	96.6	84.8	71.4	74.1	64.0	55.2	89.7	82.9	87.5	77.4	85.2	60.0	93.3
Defeated: In primaries	-	1	4	2	-	4	-	1	3	1	2	3	-
In general elections	1	4	4	5	9	9	3	5	1	6	2	7	2

- Represents zero. [1] Excludes one Representative defeated in primary who was subsequently the party's nominee after primary victor's death. [2] Six incumbents defeated in primaries by other incumbents due to redistricting.

Source: Congressional Quarterly, Inc., Washington, DC, *Congressional Quarterly Weekly Report*, vol. 38, Nos. 14 and 45, April 5 and Nov. 8, 1980; vol 40, Nos. 45 and 49, Nov. 6 and Dec. 4, 1982; and vol. 42, No. 45, Nov. 10, 1984. (Copyright.)

No. 422. Members of Congress—Selected Characteristics: 1971 to 1985

[As of beginning of first session of each Congress. Figures for Representatives exclude vacancies]

MEMBERS OF CONGRESS AND YEAR	Male	Female	Black	Married	Not married [1]	AGE (in years)					
						Under 40	40-49	50-59	60-69	70-79	80 and over
REPRESENTATIVES											
92d Cong., 1971	421	12	12	407	26	40	133	152	86	19	3
93d Cong., 1973	419	14	15	399	34	45	132	154	80	20	2
94th Cong., 1975	416	19	15	381	54	69	138	137	75	14	2
95th Cong., 1977	417	18	16	379	56	81	121	147	71	15	-
96th Cong., 1979	417	16	16	364	69	86	125	145	63	14	-
97th Cong., 1981	416	19	17	349	86	94	142	132	54	12	1
98th Cong., 1983	413	21	21	366	68	86	145	132	57	13	1
99th Cong., 1985	412	22	20	365	69	71	154	131	59	17	2
SENATORS											
92d Cong., 1971	99	1	1	97	3	4	24	32	23	16	1
93d Cong., 1973	100	-	1	96	4	3	25	37	23	11	1
94th Cong., 1975 [2]	100	-	1	94	6	5	21	35	24	15	-
95th Cong., 1977	100	-	1	91	9	6	26	35	21	10	2
96th Cong., 1979	99	1	-	95	5	10	31	33	17	8	1
97th Cong., 1981	98	2	-	93	7	9	35	36	14	6	-
98th Cong., 1983	98	2	-	90	10	7	28	39	20	3	3
99th Cong., 1985	98	2	-	92	8	4	27	38	25	4	2

- Represents zero. [1] Single, widowed, or divorced. [2] Includes Senator Durkin, NH, seated Sept. 1975.

No. 423. Members of Congress—Seniority and Occupation: 1981 to 1985

[As of beginning of first session of each Congress, except as noted. Dem.=Democratic; Rep.=Republican]

SENIORITY AND OCCUPATION	REPRESENTATIVES						SENATORS					
	97th Cong., 1981	98th Cong., 1983 [1]	98th Cong., 1984 [2]	99th Cong., 1985			97th Cong., 1981	98th Cong., 1983	98th Cong., 1984 [2]	99th Cong., 1985		
				Total	Dem.	Rep.				Total	Dem.	Rep.
Total	435	[3] 435	[3] 435	[3] 435	252	182	100	100	100	100	47	53
Seniority: [4]												
Less than 2 years	77	83	84	48	16	32	19	5	6	8	5	3
2-9 years	231	224	227	239	136	102	51	61	60	55	21	34
10-19 years	96	88	85	104	66	38	17	21	23	28	13	15
20-29 years	23	28	28	33	23	10	11	10	9	7	6	1
30 years or more	8	11	10	11	11	-	2	3	2	2	2	-
Occupation: [5]												
Agriculture	28	29	29	24	11	13	9	9	9	7	2	5
Business or banking	134	139	141	144	68	76	28	35	35	30	12	18
Education	59	43	44	37	24	13	10	12	13	10	3	7
Journalism	21	21	22	21	11	10	7	7	7	8	6	2
Law	194	201	199	190	121	69	59	61	60	61	32	29
Public service/politics	52	49	49	65	42	23	13	2	3	11	4	7

- Represents zero. [1] Data have been adjusted for the subsequent switching of parties by one Representative and the Representative elected to fill the vacancy created by the death of Representative Rosenthal. [2] As of second session. [3] Includes one vacancy. [4] Represents consecutive years of service. [5] Not all occupations reported are listed. Source: Congressional Quarterly, Inc., Washington, DC, *Congressional Quarterly Weekly Report*, vol. 41, No. 4, Jan. 29, 1983, and previous issues (copyright), and unpublished data. Members of Congress may state more than 1 occupation; therefore, sum may be greater than total.

Source of tables 422 and 423: Except as noted, compiled by U.S. Bureau of the Census from U.S. Congress, Joint Committee on Printing, *Congressional Directory*, biennial.

NO. 424. NUMBER OF GOVERNORS, BY POLITICAL PARTY AFFILIATION: 1960 TO 1985

[Reflects results of elections in previous year and holdover incumbents]

YEAR	Democratic	Republican	YEAR	Democratic	Republican	Independent	YEAR	Democratic	Republican	Independent
1960	34	16	1969	20	30	-	1977	37	12	1
1962	34	16	1970	18	32	-	1978	37	12	1
1963	34	16	1971	29	21	-	1979	32	18	-
1964	34	16	1972	30	20	-	1980	31	19	-
1965	33	17	1973	31	19	-	1981	27	23	-
1966	33	17	1974	32	18	-	1982	27	23	-
1967	25	25	1975	36	13	1	1983	34	16	-
1968	24	26	1976	36	13	1	1984	35	15	-
							1985	34	16	-

- Represents zero.

Source: National Governors' Association, Washington, DC, *Governors of the American States, Commonwealths, and Territories*, annual. (Copyright.)

NO. 425. VOTE CAST FOR AND GOVERNOR ELECTED, BY STATE: 1978 TO 1984

[**In thousands, except percent.** D=Democratic, R=Republican]

DIVISION AND STATE	1978		1980		1982		1984		Candidate elected at most recent election
	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	
N. Eng.:									
ME	370	D-47.7	(x)	(x)	460	D-61.1	(x)	(x)	Joseph E. Brennan
NH	270	D-49.4	384	D-59.0	283	R-51.4	384	R-66.8	John H. Sununu
VT	124	R-62.8	210	R-58.6	169	R-55.0	234	D-50.0	Madeleine M. Kunin
MA	1,962	D-52.5	(x)	(x)	2,050	D-59.5	(x)	(x)	Michael S. Dukakis
RI	314	D-62.8	406	D-73.7	337	D-73.3	408	R-60.0	Edward DiPrete
CT	1,037	D-59.2	(x)	(x)	1,084	D-53.3	(x)	(x)	William A. O'Neill
Mid. Atl.:									
NY	4,769	D-50.9	(x)	(x)	5,255	D-50.9	(x)	(x)	Mario M. Cuomo
NJ [2]	2,126	D-55.7	2,317	R-49.5	(x)	(x)	(x)	(x)	Thomas H. Kean
PA	3,743	R-52.5	(x)	(x)	3,684	R-50.8	(x)	(x)	Richard Thornburgh
E. No. Cent.:									
OH	2,843	R-49.3	(x)	(x)	3,357	D-59.0	(x)	(x)	Richard F. Celeste
IN	(x)	(x)	2,178	R-57.7	(x)	(x)	2,198	R-52.2	Robert D. Orr
IL	3,150	R-59.0	(x)	(x)	3,674	R-49.4	(x)	(x)	James R. Thompson
MI	2,867	R-56.8	(x)	(x)	3,040	D-51.4	(x)	(x)	James J. Blanchard
WI	1,501	R-54.4	(x)	(x)	1,580	D-56.7	(x)	(x)	Anthony S. Earl
W. No. Cent.:									
MN	1,586	R-52.3	(x)	(x)	1,786	D-58.8	(x)	(x)	Rudy Perpich
IA	843	R-58.3	(x)	(x)	1,038	R-52.8	(x)	(x)	Terry E. Branstad
MO	(x)	(x)	2,088	R-52.6	(x)	(x)	2,106	R-56.7	John Ashcroft
ND	(x)	(x)	303	R-53.6	(x)	(x)	314	D-55.3	George Sinner
SD	260	R-56.6	(x)	(x)	279	R-70.9	(x)	(x)	William J. Janklow
NE	492	R-55.9	(x)	(x)	548	D-50.6	(x)	(x)	Bob Kerrey
KS	736	D-49.4	(x)	(x)	763	D-53.2	(x)	(x)	John Carlin
So. Atl.:									
DE	(x)	(x)	225	R-70.6	(x)	(x)	244	R-55.5	Michael N. Castle
MD	1,012	D-71.0	(x)	(x)	1,139	D-62.0	(x)	(x)	Harry Hughes
VA [2]	1,251	R-55.9	1,421	D-53.5	(x)	(x)	(x)	(x)	Charles S. Robb
WV	(x)	(x)	742	D-54.1	(x)	(x)	742	R-53.3	Arch A. Moore
NC	(x)	(x)	1,847	D-61.9	(x)	(x)	2,227	R-54.3	James G. Martin
SC	627	D-61.4	(x)	(x)	672	D-69.8	(x)	(x)	Richard W. Riley
GA	663	D-80.7	(x)	(x)	1,169	D-62.8	(x)	(x)	Joe Frank Harris
FL	2,530	D-55.6	(x)	(x)	2,689	D-64.7	(x)	(x)	Robert Graham
E. So. Cent.:									
KY [3]	939	D-59.4	(x)	(x)	(x)	(x)	1,031	D-54.5	Martha Layne Collins
TN	1,190	R-55.6	(x)	(x)	1,239	R-59.6	(x)	(x)	Lamar Alexander
AL	760	D-72.6	(x)	(x)	1,129	D-57.6	(x)	(x)	George C. Wallace
MS [3]	677	D-61.1	(x)	(x)	(x)	(x)	743	D-55.1	William A. Allain
W. So. Cent.:									
AR	529	D-63.3	839	R-51.9	789	D-54.7	887	D-62.6	Bill Clinton
LA	[4] 1,372	[4] R-50.3	(x)	(x)	(x)	(x)	[5] 1,616	[5] 62.3	Edwin Edwards
OK	777	D-51.7	(x)	(x)	883	D-62.1	(x)	(x)	George Nigh
TX	2,370	R-50.0	(x)	(x)	3,191	D-53.2	(x)	(x)	Mark White
Mt.:									
MT	(x)	(x)	360	D-55.4	(x)	(x)	379	D-70.3	Ted Schwinden
ID	289	D-74.5	(x)	(x)	327	D-50.6	(x)	(x)	John V. Evans
WY	138	D-50.9	(x)	(x)	169	D-63.1	(x)	(x)	Ed Herschler
CO	824	D-58.8	(x)	(x)	956	D-65.7	(x)	(x)	Richard D. Lamm
NM	346	D-50.5	(x)	(x)	407	D-53.0	(x)	(x)	Toney Anaya
AZ	539	D-52.5	(x)	(x)	726	D-62.5	(x)	(x)	Bruce Babbitt
UT	(x)	(x)	600	D-55.2	(x)	(x)	630	R-55.9	Norman H. Bangerter
NV	192	R-56.2	(x)	(x)	240	D-53.4	(x)	(x)	Richard H. Bryan
Pac.:									
WA	(x)	(x)	1,731	R-56.7	(x)	(x)	1,889	D-53.3	Booth Gardner
OR	911	R-54.7	(x)	(x)	1,042	R-61.4	(x)	(x)	Victor Atiyeh
CA	6,922	D-56.0	(x)	(x)	7,877	R-49.3	(x)	(x)	George Deukmejian
AK	127	R-39.1	(x)	(x)	195	D-46.1	(x)	(x)	Bill Sheffield
HI	282	D-54.5	(x)	(x)	312	D-45.2	(x)	(x)	George R. Ariyoshi

X Not applicable. [1] Includes minor party and scattered votes. [2] Voting years 1977 and 1981. [3] Voting years 1979 and 1983. [4] Dec. 1979 vote. [5] Primary election, Oct. 1983, held on a non-party basis. Winner was Democratic.

Source: Elections Research Center, Washington, DC, *America Votes*, biennial (Copyright.)

No. 426. Composition of State Legislatures, by Political Party Affiliation: 1978 to 1984

[Data reflect election results in year shown for most States; and, except as noted, results in previous year for other States. Figures reflect immediate results of elections, including holdover members in State houses which do not have all of their members running for re-election. Dem.=Democratic; Rep.=Republican. In general, Lower House refers to body consisting of State Representatives; Upper House, of State Senators]

STATE	LOWER HOUSE								UPPER HOUSE							
	1978 [1 2]		1980 [3 4]		1982 [5 6]		1984 [7 8]		1978 [2 9]		1980 [4 10]		1982 [5 11]		1984 [7 12]	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.,	Dem.	Rep.
U.S.	**3,454**	**2,027**	**3,289**	**2,190**	**3,429**	**2,006**	**3,150**	**2,302**	**1,260**	**669**	**1,182**	**742**	**1,210**	**725**	**1,166**	**752**
AL [13]	101	4	100	4	97	8	87	12	35	–	35	–	32	3	28	4
AK [14]	25	14	22	16	19	21	21	18	9	11	11	9	9	11	9	11
AZ [15]	18	42	17	43	21	39	22	38	14	16	14	16	12	18	12	18
AR [14]	94	6	93	7	93	7	91	9	35	–	34	1	32	3	31	4
CA [14]	50	30	48	32	48	32	47	33	25	14	23	17	25	14	25	15
CO [14]	27	38	26	39	25	40	18	47	13	22	13	22	14	21	11	24
CT [15]	103	48	83	68	87	64	66	85	26	10	22	13	23	13	12	24
DE [14]	20	21	16	25	24	17	19	22	13	8	12	9	13	8	13	8
FL [14]	89	31	81	39	84	36	77	43	29	11	27	13	32	8	32	8
GA [15]	160	20	156	23	156	24	154	26	51	5	51	5	49	7	47	9
HI [14]	42	9	39	12	43	8	40	11	18	7	17	8	20	5	21	4
ID [15]	20	50	14	56	19	51	17	67	16	19	12	23	14	21	14	28
IL [14]	89	88	86	91	70	48	67	51	32	27	30	29	33	26	31	28
IN [14]	46	54	35	63	43	57	39	61	21	29	15	35	18	32	20	30
IA [14]	44	56	42	58	60	40	60	40	21	29	22	28	28	22	29	21
KS [14]	56	69	53	72	53	72	49	76	19	21	16	24	16	24	16	24
KY [14]	75	25	75	24	76	24	74	26	29	9	29	9	28	10	28	10
LA [13]	96	9	95	10	93	11	91	14	39	–	39	–	38	1	38	1
ME [15]	77	73	84	67	92	59	85	66	13	19	16	17	23	10	24	11
MD [13]	125	16	125	15	124	17	124	17	40	7	40	7	41	6	41	6
MA [15]	129	30	128	31	129	29	126	34	34	6	32	7	33	7	32	8
MI [14]	70	40	64	46	63	47	57	53	24	14	24	14	20	18	18	19
MN [14]	67	67	70	64	77	57	65	69	47	20	45	22	42	25	42	24
MS [13]	116	4	115	4	116	5	116	6	48	4	46	4	49	3	49	3
MO [14]	117	46	111	52	110	53	108	55	22	12	23	10	22	12	21	13
MT [14]	55	45	43	57	55	45	50	50	26	24	21	29	24	26	28	22
NE [16]	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)
NV [14]	26	14	26	14	23	19	17	25	15	5	15	5	17	4	13	8
NH [15]	170	223	160	238	158	237	102	297	11	13	10	13	9	15	6	18
NJ [14]	44	36	43	37	44	36	44	35	27	13	22	18	23	17	23	16
NM [14]	41	29	41	29	46	24	42	28	32	10	22	20	23	19	21	21
NY [15]	86	64	86	63	97	52	94	56	25	35	25	35	26	35	26	35
NC [15]	106	14	95	24	102	18	82	38	44	6	40	10	44	6	38	12
ND [14]	29	71	27	73	55	51	42	64	15	35	10	40	21	32	24	29
OH [14]	62	37	54	45	62	37	58	40	18	15	15	18	17	16	15	18
OK [14]	75	26	73	28	76	25	69	32	38	10	37	11	34	14	34	14
OR [14]	34	26	33	27	36	24	34	26	23	7	22	8	21	9	18	12
PA [14]	100	102	100	103	103	100	103	100	28	22	23	26	23	27	23	27
RI [15]	84	16	82	18	85	15	77	21	46	4	43	7	29	21	38	12
SC [14]	107	16	107	17	103	20	96	27	43	3	41	5	39	6	36	10
SD [15]	22	48	21	49	16	54	13	57	11	24	10	25	9	26	10	25
TN [14]	60	38	57	39	60	37	62	37	20	12	20	12	22	11	23	10
TX [14]	127	23	114	35	114	36	98	52	26	5	23	7	26	5	25	6
UT [14]	24	51	17	58	17	58	14	61	10	19	7	22	5	24	6	23
VT [15]	69	79	64	86	65	83	72	76	10	20	14	16	13	17	18	12
VA [14]	74	25	66	33	65	34	65	34	31	9	31	9	32	8	32	8
WA [14]	49	49	42	56	54	44	53	45	30	19	24	25	26	23	27	22
WV [14]	74	26	78	22	87	13	73	27	26	8	27	7	31	3	30	4
WI [14]	60	37	59	39	59	40	52	47	21	12	19	14	19	14	19	14
WY [14]	20	42	23	39	25	38	18	46	11	19	11	19	11	19	11	19

– Represents zero. [1] Excludes 1 Independent each for ME, MA, TN, and VA; 1 Libertarian for AK; 2 Independent-Republicans for MS; 2 Independents for VT; 1 vacancy each for PA and SC; 2 vacancies for WI; and 7 vacancies for NH. [2] Status as of January 1980; includes elections held and vacancies filled in 1979. [3] Excludes 1 Independent each for MD, MA, and VA; 2 Independents each for MS and TN; 2 Libertarians for AK; 1 vacancy each for AL, GA, KY, MS, NY, NC, TN, TX, and WI; and 2 vacancies each for IN and NH. [4] Status as of late 1981; includes elections held and vacancies filled in 1981. [5] Status as of August 1983, except for KY, LA, MS, NJ, and VA which are as of Jan. 1984 and reflect elections held in 1983. [6] Excludes 1 Independent each for LA, TN, VA, and WY; 2 Independents for NH; 1 vacancy each for MS, NY, SC, and TN; 2 vacancies each for MA and VT; and 3 vacancies for NH. [7] Status as of Jan. 1985. [8] Excludes 1 Independent each for RI and VA; 5 Independents for AL; 1 Libertarian for AK; and 1 vacancy each for AL, NH, NJ, OH, RI, and SC. [9] Excludes 1 Independent each for ME and TN; and 1 vacancy for CA.

[10] Excludes 1 Independent each for MA and TN; 1 vacancy each for CT, MO, NH, and TX; and 2 vacancies for PA. [11] Excludes 1 Independent for CA and 1 vacancy for SC.

[12] Excludes 3 Independents for AL, and 1 vacancy each for MI, MN, and NJ.

[13] Members of both houses serve 4-year terms.

[14] Upper House members serve 4-year terms and Lower House members serve 2-year terms. [15] Members of both houses serve 2-year terms. [16] Single chamber (unicameral body) of 49 members, elected without party designation.

Source: The Council of State Governments, Lexington, KY, *Book of the States*, and its *Supplement I*, both biennial. (Copyright.)

No. 427. Political Party Control of State Legislatures, by Party: 1961 to 1985

[As of beginning of year. Until 1972 there were two non-partisan legislatures in Minnesota and Nebraska. Since then only Nebraska has had a non-partisan legislature]

Year	Legislatures under—Democratic control	Split control or tie	Republican control	Year	Legislatures under—Democratic control	Split control or tie	Republican control	Year	Legislatures under—Democratic control	Split control or tie	Republican control
1961	27	6	15	1971	23	9	16	1981	28	6	15
1963	25	7	16	1973	27	6	16	1983 [1]	34	4	11
1965	32	10	6	1975	37	7	5	1985	27	11	11
1967	24	8	16	1977	36	8	5				
1969	20	8	20	1979	30	7	12				

[1] Two 1984 mid-term recall elections resulted in a change in control of the Michigan State senate. At the time of the 1984 election, therefore, Democrats controlled 33 legislatures.

Source: National Conference of State Legislatures, Denver, CO, *State Legislatures*, January 1985.

No. 428. Black Elected Officials, by Office, 1970 to 1985, and by Region and State, 1985

[As of January 1985, no Black elected officials had been identified in Idaho, Montana, New Hampshire, North Dakota, or South Dakota. For composition of regions, see fig. I, inside front cover]

Year, region, division, and state	Total	U.S. and State legislatures [1]	City and county offices [2]	Law enforcement [3]	Education [4]
1970 (Feb.)	1,472	182	715	213	362
1972 (Mar.)	2,264	224	1,108	263	669
1973 (Apr.)	2,621	256	1,264	334	767
1974 (Apr.)	2,991	256	1,602	340	793
1975 (Apr.)	3,503	299	1,878	387	939
1976 (Apr.)	3,979	299	2,274	412	994
1977 (July)	4,311	316	2,497	447	1,051
1978 (July)	4,503	316	2,595	454	1,138
1979 (July)	4,584	315	2,647	486	1,136
1980 (July)	4,890	326	2,832	526	1,206
1981 (July)	5,014	343	2,863	549	1,259
1982 (July)	5,115	342	2,951	563	1,259
1983 (July)	5,559	386	3,197	607	1,369
1984 (Jan.)	5,654	396	3,259	636	1,363
1985 (Jan.)	**6,016**	**407**	**3,522**	**656**	**1,431**
Region:					
Northeast	694	70	264	100	260
Midwest	1,150	93	680	131	246
South	3,801	215	2,481	339	766
West	371	29	97	86	159
N. Eng	**110**	**21**	**62**	**3**	**24**
Maine	1	–	1	–	–
Vermont	1	1	–	–	–
Massachusetts	32	5	18	–	9
Rhode Island	8	4	2	–	2
Connecticut	68	11	41	3	13
Mid. Atl	**584**	**49**	**202**	**97**	**236**
New York	246	23	43	45	135
New Jersey	200	7	108	–	85
Pennsylvania	138	19	51	52	16
E. No. Cent	**943**	**69**	**549**	**113**	**212**
Ohio	196	13	116	27	40
Indiana	68	8	50	3	7
Illinois	357	24	237	24	72
Michigan	300	20	135	55	90
Wisconsin	22	4	11	4	3
W. No. Cent	**207**	**24**	**131**	**18**	**34**
Minnesota	9	1	3	3	2
Iowa	9	1	3	–	5
Missouri	156	17	111	12	16
Nebraska	4	1	1	–	2
Kansas	29	4	13	3	9
So. Atl	**1,615**	**112**	**1,168**	**72**	**263**
Delaware	22	3	11	–	8
Maryland	97	25	52	15	5
District of Columbia	252	1	242	–	9
Virginia	116	7	102	7	–
West Virginia	20	1	19	–	–
North Carolina	291	16	196	13	66
South Carolina	310	20	188	3	99
Georgia	340	27	237	17	59
Florida	167	12	121	17	17
E. So. Cent	**1,012**	**60**	**647**	**138**	**167**
Kentucky	55	2	36	6	11
Tennessee	138	14	84	18	22
Alabama	375	24	264	39	48
Mississippi	444	20	263	75	86
W. So. Cent	**1,174**	**43**	**666**	**129**	**336**
Arkansas	317	5	169	41	102
Louisiana	475	18	275	59	123
Oklahoma	122	5	93	2	22
Texas	260	15	129	27	89
Mt	**44**	**10**	**16**	**8**	**10**
Wyoming	3	1	1	–	1
Colorado	15	3	3	5	4
New Mexico	5	–	4	–	1
Arizona	11	2	5	1	3
Utah	1	1	–	–	–
Nevada	9	3	3	2	1
Pac	**327**	**19**	**81**	**78**	**149**
Washington	16	3	6	2	5
Oregon	11	3	6	–	2
California	296	12	69	76	139
Alaska	3	1	–	–	2
Hawaii	1	–	–	–	1

– Represents zero. [1] Includes elected State administrators. [2] County commissioners and councilmen, mayors, vice mayors, aldermen, regional officials, and other. [3] Judges, magistrates, constables, marshals, sheriffs, justices of the peace, and other. [4] Members of State education agencies, college boards, school boards and other.

Source: Joint Center for Political Studies, Washington, DC, *Black Elected Officials: A National Roster*, annual. (Copyright.)

No. 429. Hispanic State Legislators and Mayors—States: 1983 and 1985

[For States not shown, no Hispanic State legislators or mayors had been identified. For composition of regions, see fig. I, inside front cover]

Region, division, and State	Total	State legislators	Mayors [1]	Division and State	Total	State legislators	Mayors [1]	Division and State	Total	State legislators	Mayors [1]
1983 (July)	115	108	7								
1985 (Feb.)											
U.S.	**125**	**113**	**12**	**E. No. Cent**	**3**	**3**	**-**	**Mt**	**61**	**57**	**4**
				IN	1	1	-	MT	2	2	-
Region:				IL	2	2	-	CO	11	9	2
Northeast	11	11	-					NM	36	34	2
Midwest	6	6	-	**W. No. Cent**	**3**	**3**	**-**	AZ	11	11	-
South	35	30	5	MN	1	1	-	UT	1	1	-
West	73	66	7	KS	2	2	-				
								Pac	**12**	**9**	**3**
N. Eng	**1**	**1**	**-**	**So. Atl**	**11**	**9**	**2**	WA	1	1	-
CT	1	1	-	FL	10	8	2	CA	10	7	3
				LA	1	1	-	HI	1	1	-
Mid. Atl	**10**	**10**	**-**								
NY	7	7	-	**W. So. Cent**	**24**	**21**	**3**				
NJ	2	2	-	TX	24	21	3				
PA	1	1	-								

- Represents zero. [1] Covers cities of 30,000 population or more. Incomplete data.

Source: National Association of Latino Elected and Appointed Officials, Washington, DC, *unpublished* data.

No. 430. Women Holding State and Local Public Offices, by Office, 1975 to 1984, and by State, 1982 and 1984

[As of **August**. For data on women in U.S. Congress, see table 422]

Public office	1975	1977	1979	1980	1981	1982	1983	1984
Total	**7,089**	**11,392**	**14,353**	**16,083**	**16,585**	**16,881**	(NA)	(NA)
State legislature	[1] 702	[1] 806	[1] 947	763	908	911	989	996
County commission	456	656	947	1,144	1,205	1,397	1,427	1,508
Mayoralty	566	735	998	1,333	1,680	1,670	(NA)	(NA)
Townships and local councils	5,365	9,195	11,461	12,843	12,792	12,903	(NA)	(NA)

State	State legislature, 1984	County commission, 1984	Mayoralty, 1982	Townships and local councils, 1982	State	State legislature, 1984	County commission, 1984	Mayoralty, 1982	Townships and local councils, 1982
Alabama	9	5	24	299	Missouri	25	17	24	263
Alaska	8	23	11	170	Montana	19	13	11	95
Arizona	19	9	8	86	Nebraska	6	28	27	185
Arkansas	7	59	25	237	Nevada	6	7	1	7
California	14	61	65	338	New Hampshire	121	6	15	74
Colorado	25	17	27	286	New Jersey	11	22	36	378
Connecticut	43	(x)	27	204	New Mexico	9	4	11	70
Delaware	10	3	10	43	New York	23	119	-	9
District of Columbia	(x)	(x)	-	6	North Carolina	23	75	47	273
Florida	28	42	28	268	North Dakota	17	10	18	146
Georgia	19	24	19	190	Ohio	11	18	48	931
					Oklahoma	12	5	39	246
Hawaii	17	6	1	1	Oregon	20	13	31	266
Idaho	16	8	19	112	Pennsylvania	10	14	36	142
Illinois	28	139	66	454	Rhode Island	22	(x)	-	42
Indiana	18	56	200	82	South Carolina	12	24	12	141
Iowa	17	30	48	631					
Kansas	23	27	118	387	South Dakota	14	30	23	124
Kentucky	10	18	45	377	Tennessee	9	82	13	108
					Texas	13	29	68	591
Louisiana	5	19	15	123	Utah	9	3	12	112
Maine	41	4	51	159	Vermont	28	(x)	19	58
Maryland	35	22	14	124	Virginia	11	39	13	183
Massachusetts	26	5	51	163	Washington	28	13	34	272
Michigan	16	85	129	2,345	West Virginia	18	8	17	166
Minnesota	28	28	62	454	Wisconsin	26	226	21	253
Mississippi	5	8	18	163	Wyoming	22	5	12	66

- Represents zero. NA Not available. X Not applicable. [1] Includes all major State appellate courts and trial courts: 92 in 1975, 110 in 1977, and 177 in 1979.

Source: Center for the American Woman and Politics, The Eagleton Institute of Politics, Rutgers University, New Brunswick, NJ, information releases.

No. 431. Resident Population of Voting Age, 1976 to 1984, and by Selected Characteristic, 1980 and 1984—States

[In thousands, except percent. Estimated population, 18 years old and over, as of November, except as noted. Includes Armed Forces stationed in each State, aliens, and institutional population. For composition of regions, see fig. 1 inside front cover]

Region, division, and state	1976	1978	1980	1982	1984						1980,[1] percent of voting-age population	
					Total	18–24 years	25–44 years	45–64 years	65 yr. and over	Percent female of total	Black	Spanish origin[2]
U.S.	**152,308**	**158,369**	**164,473**	**169,785**	**173,936**	**28,994**	**72,166**	**44,586**	**28,190**	**52.3**	**10.5**	**5.5**
Region:												
Northeast	35,354	35,868	36,271	36,952	37,495	5,988	14,836	10,121	6,550	53.4	8.9	4.5
Midwest	40,248	41,373	42,177	42,735	43,035	7,231	17,626	10,917	7,261	52.4	8.1	1.8
South	49,113	51,645	54,504	57,079	59,153	10,053	24,495	15,134	9,471	52.4	16.7	5.2
West	27,592	29,483	31,520	33,019	34,253	5,722	15,208	8,414	4,909	51.0	4.9	12.2
N.E	**8,711**	**8,956**	**9,142**	**9,351**	**9,520**	**1,587**	**3,839**	**2,434**	**1,661**	**53.1**	**3.4**	**1.9**
ME	759	791	810	830	848	138	338	220	153	52.4	.3	.4
NH	593	638	671	699	722	121	309	177	115	52.2	.4	.5
VT	337	353	370	381	391	68	169	91	63	52.3	.2	.6
MA	4,132	4,213	4,277	4,358	4,422	760	1,775	1,108	779	53.6	3.4	1.9
RI	689	707	709	723	733	124	280	191	139	53.5	2.5	1.8
CT	2,201	2,254	2,304	2,359	2,404	376	968	648	412	52.8	6.0	3.1
M.A	**26,643**	**26,912**	**27,130**	**27,601**	**27,974**	**4,401**	**10,997**	**7,686**	**4,889**	**53.4**	**10.7**	**5.4**
NY	12,892	12,912	12,929	13,142	13,326	2,146	5,294	3,634	2,253	53.7	12.4	8.3
NJ	5,220	5,326	5,418	5,551	5,659	875	2,257	1,578	950	53.2	11.0	5.7
PA	8,531	8,673	8,783	8,909	8,989	1,381	3,446	2,475	1,686	53.3	8.1	1.0
E.N.C	**28,469**	**29,251**	**29,762**	**30,093**	**30,244**	**5,106**	**12,484**	**7,736**	**4,917**	**52.5**	**9.8**	**2.1**
OH	7,461	7,638	7,738	7,818	7,846	1,290	3,201	2,068	1,287	52.8	9.2	.8
IN	3,692	3,812	3,890	3,942	3,969	681	1,633	1,015	640	52.5	6.8	1.3
IL	7,939	8,132	8,230	8,344	8,410	1,406	3,480	2,163	1,361	52.6	12.9	4.6
MI	6,214	6,406	6,529	6,543	6,530	1,129	2,755	1,632	1,014	52.2	11.7	1.4
WI	3,163	3,263	3,375	3,446	3,490	602	1,415	858	616	51.9	3.2	1.1
W.N.C	**11,780**	**12,122**	**12,415**	**12,642**	**12,792**	**2,125**	**5,142**	**3,181**	**2,343**	**52.2**	**4.1**	**1.0**
MN	2,726	2,823	2,931	3,001	3,044	525	1,279	720	520	51.8	1.1	.6
IA	2,026	2,075	2,097	2,113	2,119	335	838	534	412	52.4	1.2	.7
MO	3,408	3,499	3,576	3,636	3,682	608	1,445	942	686	53.0	9.3	.9
ND	442	455	466	480	491	83	201	119	88	50.0	.4	.5
SD	469	480	487	494	498	83	192	127	97	51.3	.3	.5
NE	1,081	1,108	1,130	1,151	1,163	192	467	288	216	52.1	2.6	1.4
KS	1,628	1,661	1,728	1,768	1,794	298	720	451	325	51.9	4.8	2.2
S.A	**24,586**	**25,832**	**27,252**	**28,482**	**29,512**	**4,908**	**11,963**	**7,658**	**4,982**	**52.6**	**18.5**	**3.2**
DE	412	426	431	445	457	85	186	118	68	52.8	14.2	1.3
MD	2,920	3,014	3,082	3,176	3,259	572	1,397	839	451	52.5	20.8	1.4
DC	525	515	494	489	482	85	208	115	74	54.8	65.8	2.8
VA	3,613	3,794	3,924	4,075	4,203	756	1,810	1,063	574	51.8	17.5	1.4
WV	1,314	1,363	1,398	1,419	1,433	208	580	387	257	52.6	3.2	.6
NC	3,907	4,088	4,272	4,429	4,559	794	1,888	1,183	694	52.5	20.3	.9
SC	1,993	2,104	2,213	2,309	2,386	437	1,018	597	335	52.4	27.3	1.0
GA	3,494	3,667	3,872	4,049	4,204	760	1,825	1,034	584	52.8	24.3	1.1
FL	6,408	6,862	7,566	8,090	8,529	1,210	3,052	2,323	1,945	52.9	11.3	8.5
E.S.C	**9,624**	**10,048**	**10,392**	**10,658**	**10,861**	**1,840**	**4,433**	**2,787**	**1,802**	**52.8**	**17.4**	**.8**
KY	2,434	2,528	2,594	2,654	2,700	462	1,115	683	440	52.1	6.6	.7
TN	3,033	3,179	3,320	3,408	3,476	567	1,436	903	570	52.8	14.2	.7
AL	2,554	2,669	2,755	2,823	2,875	485	1,160	749	482	53.2	12.9	.8
MS	1,603	1,672	1,722	1,772	1,810	325	722	452	309	53.1	31.0	.9
W.S.C	**14,904**	**15,766**	**16,861**	**17,940**	**18,779**	**3,305**	**8,099**	**4,689**	**2,687**	**51.8**	**13.4**	**11.3**
AR	1,502	1,575	1,626	1,661	1,694	266	657	435	336	52.8	14.1	.7
LA	2,623	2,760	2,916	3,050	3,147	583	1,352	777	436	52.4	26.6	2.3
OK	1,990	2,081	2,202	2,345	2,452	409	1,007	634	401	52.0	6.0	1.5
TX	8,789	9,350	10,117	10,883	11,487	2,047	5,083	2,843	1,514	51.5	11.1	17.7
Mt	**6,834**	**7,413**	**8,058**	**8,537**	**8,928**	**1,529**	**3,984**	**2,158**	**1,257**	**50.9**	**2.2**	**10.9**
MT	519	548	560	576	591	92	254	148	96	50.7	.2	1.0
ID	567	612	645	665	681	108	301	164	109	50.6	.3	3.2
WY	267	296	332	353	365	59	178	86	42	48.7	.7	4.4
CO	1,838	1,974	2,121	2,256	2,365	418	1,121	544	281	50.8	3.2	9.8
NM	783	841	899	951	997	182	428	250	136	51.4	1.7	33.1
AZ	1,611	1,766	1,962	2,091	2,200	361	914	548	376	51.4	2.5	13.3
UT	791	858	938	993	1,040	200	479	232	128	51.1	.7	3.6
NV	457	520	602	652	689	110	307	185	88	49.6	5.3	5.8
Pac	**20,758**	**22,070**	**23,462**	**24,481**	**25,326**	**4,193**	**11,225**	**6,256**	**3,652**	**51.1**	**5.8**	**12.7**
WA	2,601	2,792	3,037	3,136	3,202	510	1,438	760	494	50.9	2.4	2.3
OR	1,679	1,808	1,928	1,953	1,961	279	871	465	346	51.5	1.2	2.0
CA	15,598	16,546	17,525	18,357	19,063	3,194	8,391	4,775	2,703	51.3	7.1	16.1
AK	257	269	276	310	345	72	186	70	15	46.2	3.4	2.1
HI	624	657	696	725	755	135	336	187	94	48.7	1.9	6.0

[1] Based on enumerated population as of April 1. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 916 and 948.

No. 432. Participation in Elections for President and U.S. Representatives: 1932 to 1984

[Population estimated, as of **November**. *Resident population* 21 years old and over, 1932–1970, except as noted, and 18 and over thereafter; includes Armed Forces. Prior to 1960, excludes Alaska and Hawaii. District of Columbia is included in votes cast for President beginning 1964 and in votes cast for Representative beginning 1972]

YEAR	Resident population (incl. aliens) of voting age [1] (1,000)	VOTES CAST				YEAR	Resident population (incl. aliens) *of voting age* [1] (1,000)	VOTES CAST			
		For President [2] (1,000)	Percent of voting age population	For U.S. Representatives [2] (1,000)	Percent of voting age population			For President [2] (1,000)	Percent of voting age population	For U.S. Representatives [2] (1,000)	Percent of voting age population
1932	75,768	39,732	52.4	37,657	49.7	1958	106,447	(x)	(x)	45,818	43.0
1934	77,997	(x)	(x)	32,256	41.4	1960	109,672	68,838	62.8	64,133	58.5
1936	80,174	45,643	56.0	42,886	53.5	1962	112,952	(x)	(x)	51,267	45.4
1938	82,354	(x)	(x)	36,236	44.0	1964	114,090	70,645	61.9	65,895	57.8
1940	84,728	49,900	58.9	46,951	55.4	1966	116,638	(x)	(x)	52,908	45.4
1942	86,465	(x)	(x)	28,074	32.5	1968	120,285	73,212	60.9	66,288	55.1
1944	85,654	47,977	56.0	45,103	52.7	1970	124,498	(x)	(x)	54,173	43.5
1946	92,659	(x)	(x)	34,398	37.1	1972	140,777	77,719	55.2	71,430	50.7
1948	95,573	48,794	51.1	45,933	48.1	1974	146,338	(x)	(x)	52,495	35.9
1950	98,134	(x)	(x)	40,342	41.1	1976	152,308	81,556	53.5	74,422	48.9
1952	99,929	61,551	61.6	57,571	57.6	1978	158,369	(x)	(x)	55,332	34.9
1954	102,075	(x)	(x)	42,580	41.7	1980	164,473	86,515	52.6	77,995	47.4
1956	104,515	62,027	59.3	58,426	55.9	1982	169,785	(x)	(x)	64,514	38.0
						1984	173,936	92,653	53.3	83,231	47.9

X Not applicable. [1] Population 18 and over in Georgia, 1944–1970, and in Kentucky, 1956–1970; 19 and over in Alaska and 20 and over in Hawaii, 1960–1970. [2] Source: 1932–1958, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election.*

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 948 and earlier reports; and, beginning 1960, Elections Research Center, Washington, DC, *America Votes*, biennial (copyright).

No. 433. Percent of Voting-Age Population Casting Votes—States: *1976 to 1984*

[As of **November**. For total resident voting-age population, see table 431. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	PERCENT CASTING VOTES FOR PRESIDENTIAL ELECTORS			PERCENT CASTING VOTES FOR U.S. REPRESENTATIVES			DIVISION AND STATE	PERCENT CASTING VOTES FOR PRESIDENTIAL ELECTORS			PERCENT CASTING VOTES FOR U.S. REPRESENTATIVES		
	1976	1980	1984	1980	1982	1984		1976	1980	1984	1980	1982	1984
U.S	**53.5**	**52.6**	**53.3**	**47.4**	**38.0**	**47.9**	**So. Atl.—Con.**						
Region:							Maryland	49.3	50.0	51.4	45.5	34.4	45.9
Northeast	55.2	53.0	54.6	48.9	39.6	51.2	District of Col	32.2	35.4	43.8	30.6	23.1	33.6
Midwest	60.0	59.7	59.1	56.2	44.7	56.2	Virginia	47.0	47.6	51.1	39.6	32.8	43.7
South	47.2	47.4	48.7	38.6	29.5	38.7	West Virginia	57.2	52.8	51.4	49.1	38.5	49.2
West	53.2	51.8	52.2	49.2	42.3	49.6	North Carolina	43.0	43.4	47.7	40.7	29.8	47.3
							South Carolina	40.3	40.4	40.6	37.5	28.5	38.9
New Eng	**61.4**	**59.8**	**59.0**	**55.3**	**44.7**	**55.8**	Georgia	42.0	41.2	42.2	35.0	22.3	36.2
Maine	63.7	64.6	65.2	63.3	54.5	63.9	Florida	49.2	48.7	49.0	[1] 40.9	[1] 27.3	[1] 28.6
New Hampshire	57.3	57.2	53.9	54.2	38.5	51.7							
Vermont	55.7	57.6	60.1	52.7	43.3	57.9	**E. So. Cent**	**47.8**	**49.5**	**50.3**	**40.0**	**32.6**	**41.6**
Massachusetts	61.7	59.0	57.9	52.7	43.4	53.1	Kentucky	48.0	49.9	50.7	40.7	26.4	44.0
Rhode Island	59.7	58.7	55.9	54.6	46.1	53.2	Tennessee	48.7	48.7	49.3	39.3	34.5	37.9
Connecticut	62.8	61.0	61.0	58.1	45.4	59.6	Alabama	46.3	48.7	50.2	36.7	34.0	40.0
							Mississippi	48.0	51.9	52.0	45.8	36.2	48.0
Mid. Atl	**53.2**	**50.6**	**53.2**	**46.7**	**37.9**	**49.6**							
New York	50.7	48.0	51.1	43.4	35.6	46.7	**W. So. Cent**	**48.4**	**47.9**	**49.2**	**34.6**	**27.8**	**36.7**
New Jersey	57.7	54.9	56.9	50.6	38.7	52.9	Arkansas	51.1	51.5	52.2	[1] 12.4	45.7	[1] 27.3
Pennsylvania	54.2	51.9	53.9	49.2	40.7	51.8	Louisiana	48.7	53.1	54.2	25.0	17.0	20.4
							Oklahoma	54.9	52.2	51.2	[1] 38.0	36.5	45.3
E. No. Cent	**59.0**	**58.7**	**58.2**	**54.9**	**43.2**	**55.0**	Texas	46.3	44.9	47.0	40.2	26.2	40.7
Ohio	55.1	55.4	58.0	51.1	42.5	55.2							
Indiana	60.1	57.6	56.3	56.3	45.6	54.9	**Mt**	**55.8**	**53.9**	**53.0**	**51.8**	**41.9**	**50.7**
Illinois	59.4	57.7	57.3	54.3	43.3	54.4	Montana	63.3	65.0	65.0	60.5	55.0	62.7
Michigan	58.8	59.9	58.2	55.0	42.9	52.9	Idaho	60.7	67.8	60.4	64.3	48.3	59.5
Wisconsin	66.5	67.3	63.4	63.2	42.1	59.5	Wyoming	58.6	53.3	51.8	51.2	45.0	51.5
							Colorado	58.8	55.8	54.8	54.2	41.9	52.8
W. No. Cent	**62.4**	**62.2**	**61.2**	**59.5**	**48.2**	**59.0**	New Mexico	53.4	50.8	51.6	45.5	41.5	50.1
Minnesota	71.5	70.0	68.5	65.0	58.3	64.9	Arizona	46.1	44.5	46.6	43.5	34.0	42.9
Iowa	63.1	62.9	62.3	59.9	47.6	59.9	Utah	68.4	64.4	60.6	63.1	49.3	57.8
Missouri	57.3	58.7	57.7	57.4	42.0	55.4	Nevada	44.2	41.2	41.7	40.7	35.9	39.3
North Dakota	67.2	64.8	62.9	62.9	54.2	62.9							
South Dakota	64.1	67.4	63.9	65.7	55.9	63.5	**Pac**	**52.4**	**51.0**	**52.0**	**48.4**	**42.4**	**49.2**
Nebraska	56.2	56.7	56.1	55.3	45.1	55.9	Washington	59.8	57.4	58.8	53.5	41.7	56.5
Kansas	58.8	56.7	57.0	54.0	42.8	55.4	Oregon	61.3	61.3	62.6	57.4	52.0	61.4
							California	50.4	49.0	49.9	46.7	41.3	47.0
So. Atl	**46.3**	**46.2**	**47.9**	**40.5**	**29.4**	**38.9**	Alaska	48.1	57.2	60.3	56.2	58.4	59.8
Delaware	57.2	54.8	55.8	50.3	42.2	53.2	Hawaii	46.7	43.5	44.5	40.4	41.1	36.5

[1] State law does not require tabulation of votes for unopposed candidates.

Source: Compiled by U.S. Bureau of the Census. Population data from U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 948; votes cast from Elections Research Center, Washington, DC, *America Votes*, biennial (copyright).

No. 434. Voting-Age Population, and Percent Reporting Registered and Voted: 1972 to 1984

[As of **November**. Covers civilian noninstitutional population 18 years old and over. Includes aliens. Figures are based on Current Population Survey (see text, p. 2, and Appendix III) and differ from those in tables 432 and 433 based on population estimates and official vote counts. Differences in percentages may also be due to overreporting of voting (reluctance of some persons in the sample who actually did not vote to so report)]

Characteristic	Voting-age population (mil.)							Percent reporting they registered							Percent reporting they voted						
	Presidential election years				Congressional election years			Presidential election years				Congressional election years			Presidential election years				Congressional election years		
	1972	1976	1980	1984	1974	1978	1982	1972	1976	1980	1984	1974	1978	1982	1972	1976	1980	1984	1974	1978	1982
Total	**136.2**	**146.5**	**157.1**	**170.0**	**141.3**	**151.6**	**165.5**	**72.3**	**66.7**	**66.9**	**68.3**	**62.2**	**62.6**	**64.1**	**63.0**	**59.2**	**59.2**	**59.9**	**44.7**	**45.9**	**48.5**
White	121.2	129.3	137.7	146.8	125.1	133.4	143.6	73.4	68.3	68.4	69.6	63.5	63.8	65.6	64.5	60.9	60.9	61.4	46.3	47.3	49.9
Black	13.5	14.9	16.4	18.4	14.2	15.6	17.6	65.5	58.5	60.0	66.3	54.9	57.1	59.1	52.1	48.7	50.5	55.8	33.8	37.2	43.0
Spanish origin [1]	5.6	6.6	8.2	9.5	6.1	6.8	8.6	44.4	37.8	36.3	40.1	34.9	32.9	35.3	37.4	31.8	29.9	32.6	22.9	23.5	25.3
Male	63.8	69.0	74.1	80.3	66.4	71.5	78.0	73.1	67.1	66.6	67.3	62.8	62.6	63.7	64.1	59.6	59.1	59.0	46.2	46.6	48.7
Female	72.4	77.6	83.0	89.6	74.9	80.2	87.4	71.6	66.4	67.1	69.3	61.7	62.5	64.4	62.0	58.8	59.4	60.8	43.4	45.3	48.4
Region: [2]																					
Northeast	(NA)	33.9	35.5	36.9	33.3	35.1	36.4	(NA)	65.9	64.8	66.6	62.2	62.3	62.5	(NA)	59.5	58.5	59.7	48.7	48.1	49.8
Midwest	(NA)	39.2	41.5	42.1	38.1	40.3	41.9	(NA)	72.3	73.8	74.6	66.6	68.2	71.1	(NA)	65.1	65.8	65.7	49.3	50.5	54.7
South	*42.6*	*47.1*	*50.6*	*57.6*	*44.8*	*48.8*	*55.4*	68.7	64.6	64.8	66.9	59.8	60.1	61.7	55.4	54.9	55.6	56.8	36.0	39.6	41.8
West	(NA)	26.2	29.5	33.4	25.0	27.5	31.9	(NA)	63.2	63.3	64.7	59.8	59.1	60.6	(NA)	57.5	57.2	*58.5*	*48.1*	*47.5*	*50.7*
18–20 yr	11.0	12.1	12.3	11.2	11.6	12.2	12.1	58.1	47.1	44.7	47.0	36.4	34.7	35.0	48.3	38.0	35.7	36.7	20.8	20.1	19.8
21–24 yr	13.6	14.8	15.9	16.7	14.1	15.5	16.7	59.5	54.8	52.7	54.3	45.3	45.1	47.8	50.7	45.6	43.1	43.5	26.4	26.2	28.4
25–34 yr	26.9	31.7	35.7	40.3	29.3	33.4	38.8	68.4	62.3	62.0	63.3	54.7	55.5	57.1	59.7	55.4	54.6	54.5	37.0	38.0	40.4
35–44 yr	22.2	22.8	25.6	30.7	22.4	24.2	28.1	74.8	69.8	70.6	70.9	66.7	66.7	67.5	66.3	63.3	64.4	63.5	49.1	50.1	52.2
45–64 yr	42.3	43.3	43.6	44.3	43.0	43.4	44.2	79.7	75.5	75.8	76.6	73.6	74.3	75.6	70.8	68.7	69.3	69.8	56.9	58.5	62.2
65 yr. and over	*20.1*	22.0	*24.1*	26.7	21.0	23.0	25.6	75.6	71.4	74.6	76.9	70.2	72.8	75.2	63.5	62.2	65.1	67.7	51.4	55.9	59.9
Employed	80.2	86.0	95.0	104.2	83.1	93.2	97.2	74.3	68.8	68.7	69.4	63.8	63.0	65.5	66.0	62.0	61.8	61.6	46.8	46.7	50.0
Unemployed	3.7	6.4	6.9	7.4	5.0	4.9	10.8	58.7	52.1	50.3	54.3	44.4	44.1	49.8	49.9	43.7	41.2	44.0	26.8	27.4	34.1
Not in labor force	52.3	54.1	55.2	58.4	53.2	53.5	57.5	70.3	65.2	65.8	68.1	61.3	63.4	64.3	59.3	56.5	57.0	58.9	43.0	46.2	48.7
School years completed:																					
8 yrs. or less	28.1	24.9	22.7	20.6	24.4	23.6	22.4	61.5	54.4	53.0	53.4	54.1	53.2	52.3	47.4	44.1	42.6	42.9	34.4	34.6	35.7
High school:																					
1–3 yr	22.3	22.2	22.5	22.1	21.7	22.3	22.3	63.0	55.6	54.6	54.9	54.3	52.9	53.3	52.0	47.2	45.6	44.4	35.9	35.1	37.7
4 yr	50.7	55.7	61.2	67.8	51.7	58.4	65.2	74.0	66.9	66.4	67.3	61.9	62.0	62.9	65.4	59.4	58.9	58.7	44.7	45.3	47.1
College:																					
1–3 yr	19.3	23.6	26.7	30.9	23.7	25.1	28.8	81.7	75.2	74.4	75.7	66.9	68.7	70.0	74.9	68.1	67.2	67.5	49.6	51.5	53.3
4 yr. or more	15.9	20.2	24.0	28.6	19.8	22.2	26.9	87.8	83.7	84.3	83.8	76.0	76.9	79.4	83.6	79.8	79.9	79.1	61.3	63.9	66.5

NA Not available. [1] Persons of Spanish origin may be of any race. [2] For composition of regions, see fig. 1, inside front cover.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 397 and earlier reports; and unpublished data.

NO. 435. VOTER REGISTRATION IN 11 SOUTHERN STATES, BY RACE: 1976 TO 1984

[**In thousands, except percent.** Covers population 18 years and over]

YEAR AND RACE	Total	AL	AR	FL	GA	LA	MS	NC	SC	TN	TX	VA
1976: White	21,690	1,544	817	3,480	1,703	1,445	[1] 866	2,137	828	1,886	5,191	1,794
Black	[2] 4,149	[2] 321	[2] 204	410	[2] 598	421	[1 2] 286	396	285	[2] 271	[2] 640	[2] 317
1980: White	24,981	1,700	1,056	4,331	1,800	1,550	1,152	2,314	916	2,200	6,020	1,942
Black	4,254	350	130	489	450	465	330	440	320	300	620	360
Percent of—												
White voting age pop	71.9	81.4	76.9	67.7	63.0	74.8	98.9	70.1	58.5	78.5	75.1	62.2
Black voting age pop	55.8	55.8	57.2	58.3	48.6	60.7	62.3	51.3	53.7	64.0	56.0	53.2
1982: White	22,868	1,657	964	4,200	1,907	1,491	1,055	2,161	862	1,998	4,753	1,820
Black	4,302	437	145	500	467	468	340	436	321	310	548	330
1984: [3] White	27,999	[2] 1,828	[2] 1,097	4,983	2,102	1,701	[2] 1,211	2,622	1,005	[2] 2,217	[2] 7,030	[2] 2,203
Black	5,597	[2] 516	[2] 171	591	594	561	[2] 459	619	389	[2] 362	[2] 870	[2] 464
Percent of—												
White voting age pop	75.3	[2] 81.6	[2] 74.4	73.6	68.5	76.3	[2] 96.7	74.3	59.8	[2] 73.8	[2] 81.7	[2] 65.9
Black voting age pop	66.2	[2] 74.0	[2] 67.2	63.4	57.9	65.7	[2] 77.1	65.4	58.5	[2] 69.9	[2] 71.5	[2] 62.3

[1] 1975 data. [2] Estimated. [3] As of October, except Arkansas as of November.

Source: Voter Education Project, Inc., Atlanta, GA, *Voter Registration in the South*, semiannual.

NO. 436. PRESIDENTIAL CAMPAIGN FINANCES—PRIMARY CAMPAIGN RECEIPTS AND DISBURSEMENTS AND FEDERAL FUNDS FOR GENERAL ELECTION: 1979–1980 AND 1983–1984

[**In millions of dollars.** Covers campaign finance activity during 2 year calendar period indicated. Based on disclosure documents submitted by candidates, their principal campaign committees, and other *authorized committees*. Figures adjusted to eliminate *refunds* and rebates, refunded contributions, loan repayments, and transfers to or from affiliated committees]

RECEIPTS AND DISBURSEMENTS	PRIMARY CAMPAIGN						GENERAL ELECTION—NET FEDERAL FUNDS DISTRIBUTED			
	1979–1980 [1]			1983–1984 [2]			1979–1980		1983–1984	
	Total	Democratic	Republican	Total [3]	Democratic	Republican	Candidate	Amount	Candidate	Amount
Receipts, total [4]	**94.2**	**35.6**	**58.5**	**105.0**	**77.5**	**27.1**	**Total**	**62.7**	**Total**	**80.8**
Individual contributions	61.0	23.9	37.1	62.8	46.2	16.4	Anderson [5]	4.2	Mondale	40.4
Federal matching funds	30.9	10.3	20.5	34.9	24.6	10.1	Carter	29.4	Reagan	40.4
Disbursements	92.3	35.6	56.7	103.7	77.4	25.9	Reagan	29.2		

[1] Covers 10 candidates who received Federal matching funds (Democrats: Edmund Brown, James Carter, Edward Kennedy, and Lyndon LaRouche; Republicans: John Anderson, Howard Baker, George Bush, Phillip Crane, Robert Dole, and Ronald Reagan). [2] Covers 11 candidates who received Federal matching funds (Democrats: Reubin Askew, Alan Cranston, John Glenn, Gary Hart, Ernest Hollings, Jesse Jackson, Lyndon LaRouche, George McGovern and Walter Mondale; Republican: Ronald Reagan; Citizens Party: Sonia Johnson). [3] Includes Citizens Party candidate not shown separately. [4] Includes other types of receipts, not shown separately. [5] John Anderson, as the candidate of a new party, was permitted to raise funds privately. Total receipts for the Anderson campaign, including Federal funds, were 17.1 million dollars and total expenditures were 15.0 million dollars.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity 1979-1980, Final Report, Presidential Pre-Nomination Campaigns*, October 1981; November 1981 press release on public financing 1980 Presidential election; and, for 1983-1984, unpublished data.

NO. 437. INDEPENDENT EXPENDITURES FOR PRESIDENTIAL AND CONGRESSIONAL CAMPAIGNS: 1979–1980 TO 1983–1984

[**In thousands of dollars.** Covers campaign finance activity during 2 year calendar period indicated. An "independent expenditure" is *money spent to support or defeat* a clearly identified candidate. According to Federal election law, such an expenditure must be made without cooperation or consultation with the candidate or his/her campaign. *Independent* expenditures are not limited as are contributions]

TYPE OF OFFICE	ALL PARTIES			DEMOCRATS		REPUBLICANS		OTHERS	
	Total	For	Against	For	Against	For	Against	For	Against
1979–1980, total	**16,084**	**13,893**	**2,191**	**441**	**2,057**	**13,180**	**122**	**272**	**11**
President	13,745	12,933	813	123	737	12,538	65	272	11
Congress	2,339	960	1,378	318	1,320	642	57	(Z)	-
Senate	1,654	359	1,295	127	1,283	232	12	-	-
House of Representatives	685	601	83	191	38	410	45	(Z)	-
1981–1982, total Congress	**5,756**	**1,160**	**4,596**	**369**	**4,046**	**791**	**550**	**-**	**-**
Senate	4,093	426	3,667	128	3,183	298	484	-	-
House of Representatives	1,663	734	929	241	863	492	66	-	-
1983–1984, total	**22,757**	**19,972**	**2,785**	**1,730**	**1,015**	**18,241**	**1,770**	**1**	**-**
President	17,444	16,613	831	806	487	15,806	344	1	-
Congress	5,313	3,359	1,954	924	528	2,435	1,426	-	-
Senate	3,977	2,168	1,809	366	410	1,803	1,399	-	-
House of Representatives	1,336	1,191	145	558	118	632	27	-	-

- Represents zero. Z Less than $500.

Source: U.S. Federal Election Commission, *1979-80 FEC Index of Independent Expenditures*, 1981; *FEC Reports on Financial Activity, 1979-1980 Final Report on U.S. Senate and House Campaigns*, 1982; and *FEC Reports on Financial Activity, 1981-1982, Final Report on U.S. Senate and House Campaigns*, 1983; *1981-82 FEC Index of Independent Expenditures*, 1983; 1983-1984 data, unpublished.

No. 438. Congressional Campaign Finances—Receipts and Disbursements: 1979 to 1984

[Covers all campaign finance activity during 2 year calendar period indicated for primary, general, run-off, and special elections. For 1979–1980 relates to 1,944 House of Representatives candidates and to 344 Senate candidates; for 1981–1982 to 1,957 House of Representatives candidates and to 283 Senate candidates; and for 1983–1984 to 1,781 House of Representatives candidates and 254 Senate candidates. Except for 1983–1984 data, receipts and disbursements have been adjusted to eliminate transfers between all committees within a campaign]

ITEM	HOUSE OF REPRESENTATIVES						SENATE					
	Amount (mil. dol.)			Percent distribution			Amount (mil. dol.)			Percent distribution		
	1979–1980	1981–1982	1983–1984	1979–1980	1981–1982	1983–1984	1979–1980	1981–1982	1983–1984	1979–1980	1981–1982	1983–1984
Total receipts [1]	**144.0**	**213.2**	**223.6**	**100.0**	**100.0**	**100.0**	**104.8**	**141.5**	**174.9**	**100.0**	**100.0**	**100.0**
Contributions:												
$101–$499	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$500 and over	21.9	34.0	(NA)	15.2	15.9	(NA)	25.6	36.6	(NA)	24.4	25.9	(NA)
Party committee	4.8	6.1	5.4	3.3	2.9	2.4	1.2	1.2	1.1	1.1	.9	.6
Non-party committee	37.9	61.1	75.6	26.3	28.7	33.8	17.3	22.6	29.3	16.5	16.0	16.7
Democrats	71.9	108.8	122.3	49.9	51.0	54.7	54.6	69.0	84.3	52.1	48.8	48.2
Republicans	70.9	104.1	100.8	49.2	48.8	45.1	49.7	72.1	90.4	47.4	51.0	51.7
Others	1.2	.3	.5	.8	.1	.2	.4	.4	.2	.4	.3	.1
Incumbents	72.5	110.6	133.6	50.4	51.9	59.7	38.5	55.1	75.0	36.7	38.9	42.9
Challengers	44.4	53.7	55.3	30.8	25.2	24.7	47.8	48.0	38.9	45.6	33.9	22.2
Open seats [2]	27.1	48.9	34.7	18.8	22.9	15.5	18.5	38.4	61.0	17.7	27.1	34.9
Total disbursements	**136.0**	**204.0**	**203.6**	**100.0**	**100.0**	**100.0**	**102.9**	**138.4**	**170.5**	**100.0**	**100.0**	**100.0**
Democrats	67.8	103.1	111.2	49.9	50.5	54.6	53.6	66.9	82.1	52.1	48.3	48.1
Republicans	67.1	100.6	91.7	49.3	49.3	45.0	48.9	71.1	88.2	47.5	51.4	51.7
Others	1.1	.3	.7	.8	.2	.3	.4	.4	.2	.4	.3	.1
Incumbents	65.7	102.6	115.1	48.3	50.3	56.5	37.8	52.9	72.1	36.7	38.2	42.3
Challengers	43.8	53.1	54.5	32.2	26.0	26.8	47.2	47.6	38.3	45.9	34.4	22.5
Open seats [2]	26.5	48.2	34.0	19.5	23.6	16.7	17.9	37.9	60.1	17.4	27.4	35.2

NA Not available. [1] Includes other types of receipts, not shown separately. [2] Elections in which an incumbent did not seek re-election.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, 1979–1980, Final Report, U.S. Senate and House Campaigns*, March 1982; *FEC Reports on Financial Activity, 1981–1982, Final Report, U.S. Senate and House Campaigns*, October 1983, and *FEC Reports on Financial Activity, 1983–84, Interim Report No. 9, U.S. Senate and House Campaigns*, May 1985.

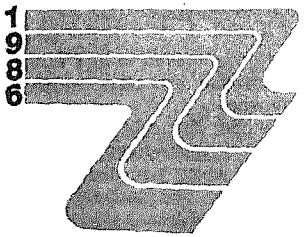
No. 439. Contributions to Congressional Campaigns by Political Action Committees (PAC) by Type of Committee: 1979 to 1984

[**In millions of dollars.** Covers amounts given to candidates in primary, general, run-off, and special elections during the two-year calendar period indicated]

TYPE OF COMMITTEE	HOUSE OF REPRESENTATIVES						SENATE					
	Total	Democrats	Republicans	Incumbents	Challengers	Open seats [1]	Total	Democrats	Republicans	Incumbents	Challengers	Open seats [1]
1979–1980, total [2]	**37.9**	**20.5**	**17.2**	**24.9**	**7.9**	**5.1**	**17.3**	**8.4**	**9.0**	**8.6**	**6.6**	**2.1**
Corporate	12.2	4.6	7.5	8.1	2.6	1.5	6.9	2.1	4.8	2.7	3.3	.9
Trade association [3]	11.7	5.1	6.6	8.0	2.2	1.5	4.1	1.9	2.2	2.2	1.4	.5
Labor	9.4	8.9	.4	6.6	1.6	1.2	3.6	3.4	.4	2.7	.7	.4
Non-connected [4]	3.1	.9	2.1	1.0	1.4	.7	1.9	.5	1.4	.5	1.1	.3
1981–1982, total [2]	**61.1**	**34.2**	**26.8**	**40.8**	**10.9**	**9.4**	**22.6**	**11.2**	**11.4**	**14.3**	**5.2**	**3.0**
Corporate	18.9	7.0	12.0	14.4	2.0	2.6	8.6	2.4	6.2	5.5	1.7	1.4
Trade association [3]	16.8	7.2	9.7	12.4	2.1	2.3	5.0	2.2	2.8	3.7	.8	.5
Labor	15.4	14.7	.7	8.5	4.3	2.6	4.9	4.5	.4	3.0	1.3	.5
Non-connected [4]	7.4	3.9	3.5	3.4	2.4	1.6	3.3	1.6	1.7	1.5	1.3	.5
1983–1984, total [2]	**77.4**	**47.3**	**30.0**	**58.4**	**11.6**	**7.3**	**33.7**	**15.6**	**18.1**	**22.1**	**6.3**	**5.2**
Corporate	24.0	10.6	13.4	19.2	2.7	2.1	14.1	3.8	10.2	10.9	1.1	2.0
Trade association [3]	20.8	10.7	10.0	16.8	2.2	1.8	7.2	3.0	4.2	5.4	.9	.9
Labor	20.4	19.3	1.1	14.7	3.6	2.0	5.6	5.1	.4	2.1	2.3	1.2
Non-connected [4]	9.3	4.8	4.5	5.0	3.0	1.3	5.8	3.1	2.7	2.8	2.0	1.0

[1] Elections in which an incumbent did not seek re-election. [2] Includes other types of political action committees not shown separately. [3] Includes membership organizations and health organizations. [4] Represents "ideological" groups as well as other issue groups not necessarily ideological in nature.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, 1979–1980, Final Report, U.S. Senate and House Campaigns*, March 1982; *FEC Reports on Financial Activity, 1981–1982, Final Report, U.S. Senate and House Campaigns*, October 1983, and *FEC Reports on Financial Activity, 1983–1984, Interim Report No. 9, U.S. Senate and House Campaigns*, May 1985.



Section 10

State and Local Government Finances and Employment

This section presents data on revenues, expenditures, debt, gross assessed value of property, and government employment within State and local governments. Nationwide statistics relating to State and local governments, their numbers, finances, and employment, are compiled primarily by the Bureau of the Census through a program of censuses and surveys. Every fifth year (for years ending in "2" and "7") the Bureau conducts a Census of Governments involving collection of data for all governmental units in the United States. In addition, the Bureau conducts annual surveys which cover all the State governments and a sample of local governments.

Publications issued annually by the Bureau of the Census include a report on governmental finances which presents figures for the Federal government, nationwide totals for State and local governments, by type, and State-local data by States. Also issued annually are a series of publications on State, city, county, and school finances, and on city, county, and other public employment. Financial data are published in the GF publication series; employment data in the GE series. There are also a series of quarterly reports covering tax revenue, and finances of major public employee retirement systems, as well as a series (GSS) of special studies. *Recurrent Publications on Governments* describes the publication program.

Basic information for Census Bureau statistics on governments is obtained mainly by mail canvass from State and local officials; however, financial data for each of the State governments and for many of the large local governments are compiled from their official records and reports by Census Bureau personnel. In some States, local government financial data are obtained through central collection arrangements with State governments. Financial data on the Federal Government are obtained by the Bureau from the Office of Management and Budget and are published in the *Budget* (see page 301).

Governmental units.—The governmental structure of the United States includes, in addition to the Federal Government and the States, thousands of local governments—counties, municipalities, townships, school districts, and numerous kinds of "special districts." As shown by table 440, almost 82,300 local governments were identified by the 1982 Census of Governments. As defined by the census, governmental units include all agencies or bodies having an organized existence, governmental character, and substantial autonomy. While most of these governments can impose taxes, many of the special districts—such as independent public housing authorities, the New York Port Authority, and numerous local irrigation, power, and other types of districts—are financed from rentals, charges for services, benefit assessments, grants from other governments, toll charges, and other nontax sources. The count of governments excludes semi-autonomous agencies through which States, cities, and counties sometimes provide for certain functions—for example, "dependent" school systems, State institutions of higher education, and certain other "authorities" and special agencies which are under the administrative or fiscal control of an established governmental unit.

Finances.—Unless otherwise stated, financial data relate to fiscal years. Most States end their fiscal year June 30; however Alabama and Michigan end their fiscal years Sept. 30; New York, March 31; and Texas, Aug. 31. Washington, DC also ends its fiscal year Sept 30. This was also the practice of the Federal Government until 1976 when its fiscal year, by an act of Congress, was revised to extend from Oct. 1 to Sept. 30. A three-month quarter (July 1 to Sept. 30, 1976) bridged the transition. Beginning 1963, local government figures are for fiscal years which close at various dates during the 12 months ended June 30 of the year specified (exceptions are school districts in Alabama, which close Sept. 30 of the specified year, and in Texas, which close Aug. 31 of year cited); figures for 1962 and earlier years are for fiscal years ended during the calendar year.

Nationwide government finance statistics have been classified and presented in terms of uniform concepts and categories, rather than according to the highly diverse terminology, organization, and fund structure utilized by individual governments. Accordingly, financial statistics which appear here for the Federal Government and for individual States or local governments have been standardized and may not agree directly with figures appearing in the original sources.

transit systems. Liquor stores are operated by 17 States and by local governments in four States. Insurance trusts relate to employee retirement, unemployment compensation, and other social insurance systems administered by the Federal, State, and local governments.

Data for cities relate only to municipal corporations and their dependent agencies, and do not include amounts for other local governments overlying city areas. Therefore, expenditure figures for "education" do not include spending by the separate school districts which administer public schools within most municipal areas. Variations in the assignment of governmental responsibility for public assistance, health, hospitals, public housing, and other functions to a lesser degree also have an important effect upon reported amounts of city expenditure, revenue, and debt. Therefore, any intercity comparisons based upon these figures should be made with caution, and with due recognition of variations that exist among urban areas in the relative role of the municipal corporation.

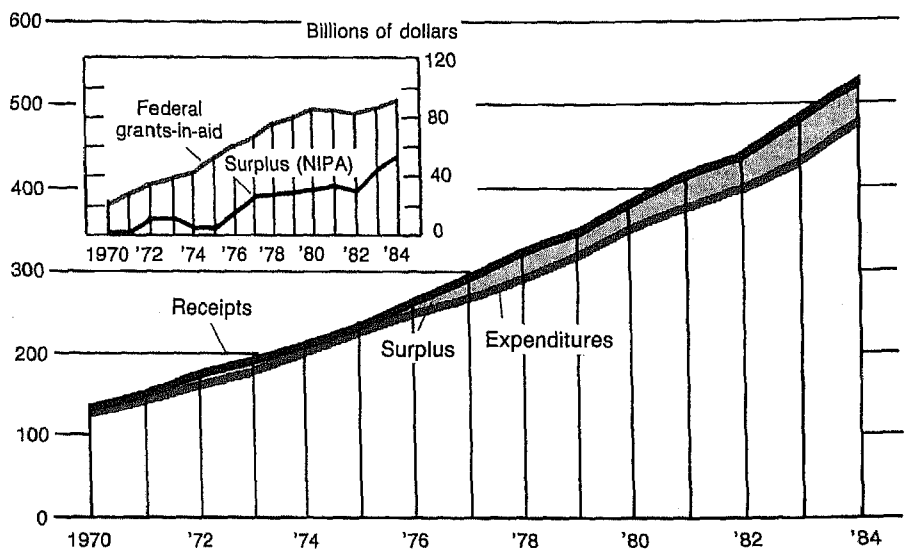
Employment and payrolls.—These data are based mainly on mail canvassing of State and local governments. Payroll includes all salaries, wages, and individual fee payments for the month specified, and employment relates to all persons on governmental payrolls during a pay period of the month covered—including paid officials, temporary help, and (unless otherwise specified) part-time as well as full-time personnel. Figures shown for individual governments cover major dependent agencies such as institutions of higher education, as well as the basic central departments and agencies of the government.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

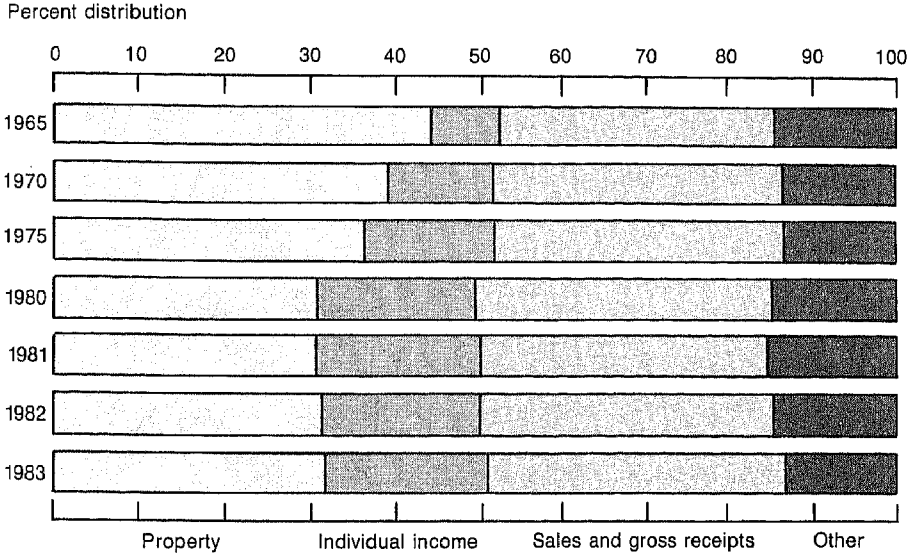
Figure 10.1

State and Local Government Finances: 1970 to 1984



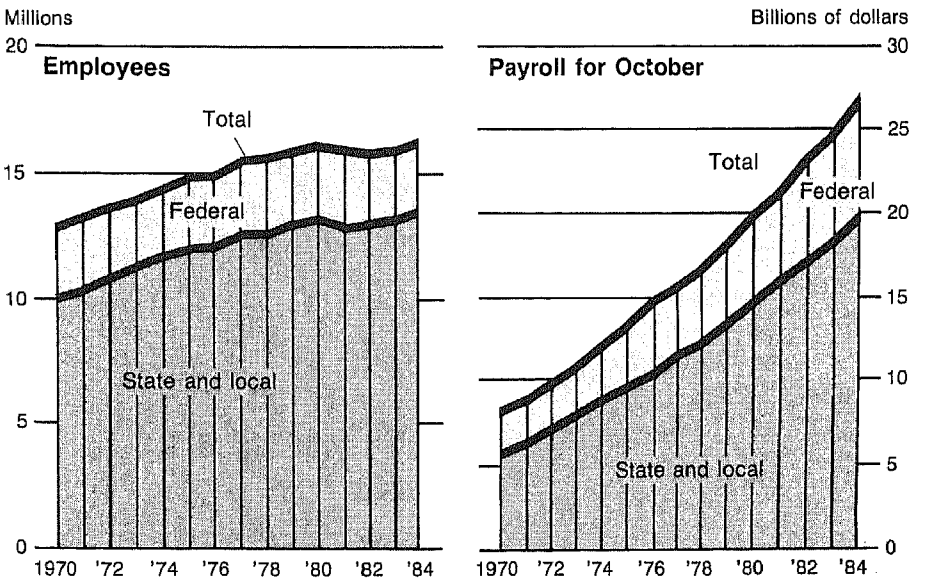
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 453.

Figure 10.2
State and Local Government Taxes — Percent Distribution, by Type: 1965 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 453.

Figure 10.3
Governmental Employment and Payroll: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 481.

No. 440. Number of Governmental Units, by Type of Government: 1942 to 1982

[See text, p. 259]

TYPE OF GOVERNMENT	1942	1952 [1]	1957 [1]	1962	1967	1972	1977	1982
Total	155,116	116,807	102,392	91,237	81,299	78,269	79,913	82,341
U.S. Government	1	1	1	1	1	1	1	1
State government	48	50	50	50	50	50	50	50
Local governments	155,067	116,756	102,341	91,186	81,248	78,218	79,862	82,290
County	3,050	3,056	3,050	3,043	3,049	3,044	3,042	3,041
Municipal	16,220	16,807	17,215	18,000	18,048	18,517	18,862	19,076
Township and town	18,919	17,202	17,198	17,142	17,105	16,991	16,822	16,734
School district	108,579	67,355	50,454	34,678	21,782	15,781	15,174	14,851
Special district	8,299	12,340	14,424	18,323	21,264	23,885	25,962	28,588

[1] Adjusted to include units in Alaska and Hawaii which adopted statehood in 1959.

Source: U.S. Bureau of the Census, *Census of Governments: 1967*, vol. 1, No. 1, *Governmental Organization*, and *1982*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment* (GC82(6)-4).

No. 441. All Governments—Revenue, Expenditure, and Debt: 1950 to 1983

[Prior to 1960, excludes Alaska and Hawaii. Excludes intergovernmental revenue and expenditure. 1983 data revised since originally published. Local government amounts are estimates subject to sampling variation; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970*, series Y 505-637 and Y 655-848]

ITEM AND YEAR	All governments (bil. dol.)	FEDERAL [1]		STATE AND LOCAL (bil. dol.)			ANNUAL PERCENT CHANGE [2]			PER CAPITA [3] (dollars)		
		Total (bil. dol.)	Percent of total	Total	State	Local	Federal	State	Local	Total	Federal	State and local
Revenue from own sources:												
1950	67	44	65.3	23	11	12	−3.3	6.7	9.9	440	287	153
1955	106	72	67.6	34	17	18	12.9	7.8	8.8	644	435	209
1960	153	100	65.2	53	26	27	6.8	9.4	8.8	851	554	296
1965	203	126	62.1	77	39	38	4.8	8.1	7.0	1,045	649	396
1970	334	206	61.8	128	69	60	3.0	12.3	9.3	1,642	1,011	631
1974	484	288	59.5	196	108	88	8.7	11.9	10.1	2,289	1,367	927
1975	519	302	58.2	217	119	98	5.0	10.7	10.6	2,436	1,418	1,018
1976	571	324	56.6	248	139	109	7.0	16.7	11.1	2,661	1,507	1,154
1977	658	383	58.1	275	156	120	18.1	12.0	10.2	3,039	1,766	1,272
1978	732	430	58.7	302	172	130	12.3	10.1	9.1	3,356	1,971	1,385
1979	829	500	60.3	330	190	140	16.3	10.7	7.2	3,768	2,270	1,498
1980	932	564	60.5	369	213	156	12.8	12.0	11.5	4,116	2,489	1,627
1981	1,075	659	61.3	416	240	176	16.9	12.9	13.2	4,747	2,909	1,838
1982	1,146	686	59.8	460	262	199	4.1	9.0	12.6	5,060	3,027	2,032
1983	1,181	678	57.4	504	285	219	−1.2	8.9	10.0	5,049	2,897	2,152
Direct expenditure:												
1950	70	42	60.3	28	11	17	11.1	17.3	12.9	464	280	184
1955	111	70	63.5	40	14	26	10.8	5.8	8.8	670	426	244
1960	151	90	59.7	61	22	39	5.2	9.0	8.4	841	502	339
1965	206	119	57.9	87	31	55	5.7	7.3	7.3	1,061	614	447
1970	333	185	55.5	148	56	92	4.5	12.3	10.7	1,638	910	728
1974	478	253	52.8	226	86	139	8.1	11.3	10.9	2,263	1,195	1,069
1975	560	292	52.1	268	107	161	15.5	24.0	15.7	2,628	1,370	1,259
1976	625	322	51.5	303	123	180	10.3	15.1	11.6	2,912	1,500	1,417
1977	682	359	52.8	323	129	194	11.5	4.6	8.0	3,154	1,661	1,494
1978	745	400	53.7	345	137	209	11.5	6.0	7.4	3,418	1,835	1,584
1979	832	452	54.3	380	149	232	13.0	8.9	11.0	3,782	2,054	1,728
1980	959	526	54.8	432	173	259	16.4	16.6	11.8	4,232	2,324	1,909
1981	1,110	625	56.3	485	198	287	18.7	14.4	10.7	4,899	2,757	2,142
1982	1,233	710	57.6	523	212	311	13.7	6.7	8.6	5,445	3,136	2,309
1983	1,351	786	58.2	565	233	332	10.6	10.0	6.6	5,772	3,358	2,414
Debt outstanding: [4]												
1950	281	257	91.4	24	5	19	.6	19.6	12.1	1,856	1,697	159
1955	319	274	86.1	44	11	33	1.3	16.3	11.9	1,928	1,660	268
1960	356	286	80.4	70	19	51	.9	10.6	9.2	1,979	1,591	389
1965	417	317	76.1	100	27	72	2.1	7.8	7.1	2,150	1,637	513
1970	514	371	72.1	144	42	102	4.8	9.2	7.0	2,531	1,825	706
1974	693	486	70.2	207	65	141	7.0	11.5	8.4	3,278	2,300	977
1975	764	544	71.1	220	72	148	11.9	10.5	4.6	3,591	2,553	1,038
1976	872	631	72.4	241	85	156	16.0	17.6	5.4	4,061	2,941	1,121
1977	969	709	73.2	260	90	169	12.3	6.4	6.4	4,477	3,278	1,200
1978	1,061	780	73.5	280	103	178	10.0	13.7	5.0	4,865	3,579	1,286
1979	1,138	834	73.3	304	112	192	6.9	8.9	8.2	5,170	3,788	1,382
1980	1,250	914	73.1	336	122	214	9.6	9.1	11.1	5,518	4,037	1,482
1981	1,368	1,004	73.4	364	135	229	9.8	10.6	7.2	6,038	4,431	1,606
1982	1,552	1,147	73.9	405	147	257	14.2	9.4	12.3	6,849	5,063	1,786
1983	1,836	1,382	75.3	455	167	287	20.5	13.4	11.7	7,848	5,906	1,942

[1] Data adjusted to system for reporting State and local data and therefore differ from figures in Section 11 tables.
[2] Represents average for period of intervals shown; for 1950, change from 1948. For explanation, see Guide to Tabular Presentation. Minus sign (−) indicates decrease.
[3] Based on estimated population as of July 1; except 1970 based on resident population enumerated as of April 1, 1970, and 1980 to 1982 based on resident population enumerated as of April 1, 1980. Includes Armed Forces abroad through 1955; thereafter, resident population. Excludes intergovernmental amounts.
[4] As of end of fiscal year.

Source: U.S. Bureau of the Census, *Census of Governments: 1982*, vol. 4, No. 5, *Compendium of Government Finances*, (GC 82(4)-5), and vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment* (GC 82(6)-4); and *Governmental Finances*, series GF No. 5, annual.

No. 442. All Governments—Summary of Finances: 1970 to 1983

[In billions of dollars, except percent. Federal data adjusted to system for reporting State and local data. Except for 1977 and 1982, local government amounts are estimates subject to sampling variation; see Appendix III. "N.e.c." means not elsewhere classified. 1983 data revised since orginally published. See also *Historical Statistics, Colonial Times to 1970*, series Y 522-530 and Y 534-566]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983
Revenue, total [1]	**333.8**	**519.3**	**657.5**	**731.7**	**829.4**	**932.2**	**1,075.4**	**1,146.3**	**1,181.3**
Revenue from own sources:									
Federal	205.6	302.3	383.5	429.7	499.6	563.7	659.0	685.8	677.8
Percent of total	61.6	58.2	58.3	58.7	60.2	60.5	61.3	59.8	57.4
State and local	128.2	217.0	275.4	302.0	329.8	368.5	416.4	460.4	503.5
State	68.7	119.2	155.8	171.6	189.9	212.6	240.0	261.7	284.9
Local	59.6	97.8	119.6	130.5	139.9	155.9	176.4	198.7	218.5
General revenue [1]	272.5	402.9	506.3	565.6	640.5	716.6	820.8	866.4	878.6
Taxes [2]	232.9	331.4	419.8	468.2	524.4	574.2	650.2	671.5	665.6
Individual income	101.2	143.8	186.0	214.2	254.8	286.1	332.0	348.8	344.1
Corporation income	36.6	47.3	64.1	70.7	77.8	77.9	75.3	64.2	51.3
Sales, gross receipts, and customs	48.6	70.9	83.8	93.0	101.0	112.0	134.5	139.3	144.7
Property	34.1	51.5	62.5	66.4	64.9	68.5	75.0	82.1	89.1
Charges and miscellaneous	39.6	71.4	86.5	97.4	116.1	142.4	170.6	194.9	213.0
Utilities and liquor stores	*8.6*	*13.3*	*17.5*	*20.0*	*22.6*	*25.6*	*29.9*	*34.0*	*37.3*
Insurance trusts [2]	52.7	103.1	133.7	146.1	166.2	190.0	224.7	245.8	265.3
OASDHI [3] (Federal Social Security)	38.5	75.6	92.5	104.5	120.5	139.4	163.8	181.6	187.2
Employee retirement	8.2	14.9	20.1	22.2	25.3	29.1	34.3	38.2	46.8
Unemployment compensation	3.2	8.3	15.8	13.4	13.1	13.7	18.7	17.1	21.7
Expenditure, total [1]	**330.0**	**560.1**	**682.5**	**745.4**	**832.4**	**958.7**	**1,109.8**	**1,233.5**	**1,350.9**
Direct expenditure:									
Federal	184.9	291.9	359.3	400.1	452.0	526.3	624.6	710.5	785.7
Percent of total	55.5	52.1	52.7	53.7	54.3	54.9	56.3	57.6	58.2
State and local	148.1	268.2	323.2	345.3	380.4	432.3	485.2	523.0	565.2
State	56.2	106.9	128.8	136.5	148.7	173.3	198.3	211.6	233.1
Local	91.9	161.3	194.4	208.8	231.7	259.0	286.8	311.4	332.1
Current operation	197.0	305.2	368.0	402.2	446.9	517.0	584.8	640.9	692.8
Capital outlay	47.5	66.6	75.2	81.1	93.2	99.4	116.5	129.6	148.7
Construction	28.4	43.0	43.8	44.7	51.7	58.4	62.3	61.8	62.1
Equipment, land and existing buildings	19.1	23.6	31.4	36.4	41.4	41.0	54.2	67.8	86.6
Assistance and subsidies	20.8	44.0	48.8	54.0	57.2	64.0	68.6	69.2	74.1
Interest on debt	19.2	35.1	46.4	53.4	64.2	78.9	101.0	126.1	137.9
Insurance benefits and repayments	48.5	109.2	144.1	154.8	170.9	199.4	238.9	267.6	297.4
Exhibit: Salaries and wages	*110.5*	*163.7*	*194.0*	*211.6*	*227.5*	*250.9*	*272.5*	*295.9*	*314.0*
General expenditure [1]	275.0	433.6	514.0	564.3	630.7	723.1	827.9	917.5	1,000.3
National defense and international relations	84.3	93.9	105.6	114.8	126.5	149.5	174.6	*204.3*	*226.8*
Military services only	76.6	86.6	97.8	105.8	118.3	137.5	160.7	189.3	213.2
Postal service	7.7	12.7	14.6	15.3	16.6	18.2	20.5	21.8	23.6
Education	55.8	95.0	110.6	118.8	129.4	143.8	158.0	165.8	176.6
Institutions of higher education	12.9	21.7	26.0	28.4	30.1	33.9	38.1	41.6	43.8
Local schools	37.5	61.5	71.5	76.7	83.4	92.9	100.5	105.8	112.9
Other education	5.4	11.8	13.1	13.7	16.0	17.0	19.4	18.4	19.9
Highways	16.7	22.8	23.3	24.9	29.0	33.7	34.9	35.1	37.2
Public welfare	17.5	39.4	49.4	54.2	59.1	64.8	74.6	78.8	83.9
Categorical public assistance [4]	6.9	14.1	16.2	18.1	17.7	19.6	21.5	22.1	23.4
Other public assistance [5]	.6	1.8	1.3	2.4	1.3	1.3	1.5	1.7	2.6
Other public welfare [6]	10.0	23.5	31.9	33.7	40.1	43.8	51.6	55.1	57.9
Hospitals	9.7	17.4	21.3	22.8	25.7	29.2	32.1	36.2	39.1
Health	3.9	7.5	9.3	10.2	11.4	14.1	15.2	17.1	17.4
Police	4.9	9.6	11.8	12.9	13.9	15.2	16.9	18.5	20.3
Local fire protection	2.0	3.5	4.4	4.8	5.1	5.7	6.3	7.0	7.6
Sanitation	3.4	7.5	9.4	9.9	11.8	13.2	14.9	14.9	15.6
Natural resources	11.5	18.1	22.4	26.3	30.3	35.2	43.6	45.5	54.8
Stabilization of farm prices and income	4.3	2.4	2.2	3.6	3.7	6.0	7.2	7.2	19.4
Parks and recreation	1.9	3.5	5.7	6.7	7.4	8.2	8.5	8.9	9.5
Housing and urban renewal	3.2	5.9	5.6	6.0	8.0	12.1	13.9	16.5	18.5
Veterans services, n.e.c.	5.5	8.6	10.2	10.8	11.6	12.5	13.8	15.0	15.9
Financial administration and general control	*6.3*	*11.9*	*14.8*	*16.7*	*18.7*	*20.7*	*22.5*	*24.9*	*27.9*
Interest on general debt [7]	18.4	33.8	44.5	51.3	61.8	76.0	97.6	122.0	132.9
Air and water transport and terminals	4.0	5.2	5.7	6.1	7.0	8.3	11.7	8.9	8.9
Other and unallocable	18.2	37.0	45.6	51.8	55.2	62.4	68.3	76.2	82.2
Utility and liquor stores [7]	9.4	17.3	24.2	26.3	30.8	36.2	43.0	48.4	52.8
Insurance trusts [2]	48.5	109.2	144.1	154.8	170.9	199.4	238.9	267.4	297.4
OASDHI [3] (Federal Social Security)	35.8	76.6	103.2	115.0	129.2	149.5	177.5	201.2	221.5
Employee retirement	6.4	14.6	19.2	21.8	24.8	28.9	33.6	37.5	40.3
Unemployment compensation	2.8	12.4	14.9	10.9	9.0	12.3	18.2	18.5	24.6
Debt outstanding, total	**514.5**	**764.1**	**968.8**	**1,060.9**	**1,137.9**	**1,249.9**	**1,367.8**	**1,551.6**	**1,836.4**
Federal	370.9	544.1	709.1	780.4	833.8	914.3	1,003.9	1,147.0	1,381.9

[1] Excludes duplicate transactions between levels of government. [2] Includes other items, not shown separately. [3] Old-age, survivors, disability, and health insurance. [4] Old-age assistance, aid to families with dependent children, aid to the blind, and aid to the disabled. [5] Cash assistance for general relief wholly financed from State and local sources. [6] Includes vendor payments under various public welfare programs, including the medicaid program. [7] Interest on utility debt included in "utility and liquor stores."

Source: U.S. Bureau of the Census, *Census of Governments: 1977* and *1982, Vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances*, series GF No. 5, annual.

NO. 443. ALL GOVERNMENTS—REVENUE, BY SOURCE AND LEVEL: 1975 TO 1983

[**In billions of dollars.** Except for 1982, local government amounts are estimates subject to sampling variation; see source and Appendix III. 1983 data for State and local governments revised since originally published. See also *Historical Statistics, Colonial Times to 1970*, series Y 567-584 and Y 652-665]

SOURCE OF REVENUE	1975		1980		1981		1982		1983	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total revenue	**303.5**	**[1] 264.0**	**565.5**	**[1] 451.5**	**660.8**	**[1] 506.7**	**687.6**	**[1] 547.7**	**679.7**	**[1] 593.5**
General revenue	223.0	[1] 228.2	419.1	[1] 382.3	489.5	423.4	497.8	457.7	483.7	486.8
Intergovernmental [2]	1.2	47.1	1.8	83.0	1.8	90.3	1.8	87.3	1.8	90.0
From Federal government	(x)	47.1	(x)	83.0	(x)	90.3	(x)	87.3	(x)	90.0
From State governments	1.2	(1)	1.8	(1)	1.8	(1)	1.8	(1)	1.8	(1)
From own sources	221.7	181.1	417.3	299.3	487.7	333.1	496.0	370.4	481.9	396.7
Taxes [2]	190.0	141.5	350.8	223.5	405.7	244.5	405.1	266.4	381.2	284.4
Property	(x)	51.5	(x)	66.5	(x)	75.0	(x)	82.1	(x)	89.1
Individual income	122.4	21.5	244.1	42.1	285.6	46.4	298.1	50.7	288.9	55.1
Corporation income	40.6	6.6	64.6	13.3	61.1	14.1	49.2	15.0	37.0	14.3
Sales, gross receipts and customs [2]	21.1	49.8	32.0	79.9	48.6	86.0	45.7	93.6	53.2	100.2
General	(x)	29.1	(x)	51.3	(x)	55.6	(x)	60.6	(x)	64.9
Selective [2]	16.8	20.7	24.6	28.6	40.4	30.3	36.8	33.0	35.7	35.4
Motor fuel	4.5	8.3	4.9	9.8	4.7	9.9	5.0	10.6	5.8	10.9
Alcoholic beverages	5.3	2.1	5.7	2.6	5.7	2.8	5.4	2.9	5.6	3.0
Tobacco products	2.3	3.4	2.4	3.9	2.6	4.0	2.5	4.1	4.1	4.2
Public utilities	2.9	3.1	2.9	5.9	2.3	6.7	2.1	7.7	2.9	8.9
Death and gift tax	4.6	1.4	6.4	2.0	6.8	2.2	8.0	2.4	6.1	2.5
Charges and miscellaneous [2]	31.8	39.7	66.6	75.8	82.0	88.6	90.9	104.0	100.7	112.3
Education	(z)	9.1	.1	13.8	-	15.3	-	17.1	-	18.8
Postal service	9.6	(x)	16.4	(x)	18.4	(x)	21.7	(x)	22.7	(x)
Hospitals	(z)	6.0	.1	12.7	.1	14.8	.1	17.4	.1	19.2
Natural resources [3]	3.0	.8	9.9	1.9	10.1	2.2	10.5	.8	12.3	.9
Sewerage and sanitation	(x)	2.5	(x)	4.9	(x)	5.7	(x)	6.4	(x)	7.5
Utility and liquor stores	(x)	13.3	(x)	25.6	(x)	29.9	(x)	34.0	(x)	37.3
Insurance trust revenue	80.5	22.5	146.4	43.7	171.2	53.4	189.8	56.0	195.9	69.4

- Represents zero or rounds to zero. X Not applicable. Z Less than $50 million. [1] Aggregates exclude duplicative transactions between State and local governments; see source. [2] Includes other amounts not shown separately. [3] Includes parks and recreation.

Source: U.S. Bureau of the Census, *Census of Governments: 1982, Vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual.

NO. 444. ALL GOVERNMENTS—GENERAL EXPENDITURE, BY FUNCTION AND LEVEL: 1975 TO 1983

[**In billions of dollars.** Except for 1982, local government amounts are estimates subject to sampling variation; see source and Appendix III. Aggregates exclude duplicative transactions between levels of government. See also *Historical Statistics, Colonial Times to 1970*, series Y 605-631 and Y 682-704]

FUNCTION	1975		1980		1981		1982		1983	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total, all functions	**253.5**	**[1] 230.7**	**446.6**	**[1] 369.1**	**516.9**	**[1] 407.4**	**568.4**	**[1] 436.9**	**624.2**	**[1] 466.8**
Direct general	203.9	229.7	355.8	367.3	422.3	405.6	482.4	435.1	535.6	465.1
Intergovernmental	49.6	[2] 1.0	90.8	[2] 1.7	94.6	[2] 1.9	86.0	[2] 1.8	88.5	[2] 1.8
National defense and international relations	93.9	(x)	149.5	(x)	174.6	(x)	204.3	(x)	228.8	(x)
Postal service	12.7	(x)	18.2	(x)	20.5	(x)	21.8	(x)	23.6	(x)
Education	16.1	87.9	23.5	133.2	24.9	145.8	23.5	154.3	25.3	163.9
Highways	5.1	22.5	9.9	33.3	9.6	34.6	8.6	34.5	9.4	36.7
Public welfare	26.6	28.2	47.7	47.3	56.8	54.1	57.0	58.0	61.0	60.9
Health and hospitals	8.0	18.8	14.6	32.2	15.0	36.1	15.7	40.9	16.1	44.1
Natural resources [3]	[4] 14.7	7.7	33.1	12.0	41.1	13.2	42.5	14.1	51.3	15.1
Housing and urban renewal	5.1	3.5	12.2	6.1	12.9	7.1	13.6	8.6	15.6	8.5
Space research and technology	3.3	(x)	4.9	(x)	5.5	(x)	6.2	(x)	6.8	(x)
Air transportation	2.0	1.4	3.2	2.5	4.7	2.7	2.9	2.9	2.8	3.0
Social insurance administration	2.7	1.5	4.4	2.0	4.9	2.3	5.2	2.3	5.9	2.5
Interest on general debt	25.0	8.8	61.3	14.7	80.5	17.1	101.8	20.2	108.7	24.1
Other and combined	38.3	50.4	64.1	85.8	65.9	94.4	65.3	101.1	68.9	107.9

X Not applicable. [1] Excludes duplicative transactions between State and local governments. [2] State contributions to Federal government. [3] Except as noted, includes parks and recreation. [4] Excludes parks and recreation.

Source: U.S. Bureau of the Census, *Census of Governments: 1982, Vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual, and unpublished data.

NO. 445. ALL GOVERNMENTS—REVENUE AND EXPENDITURE, BY LEVEL OF GOVERNMENT: 1983

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. Data revised since originally published. See also *Historical Statistics, Colonial Times to 1970*, series Y 505-637 and Y 652-848]

SOURCE OF REVENUE AND TYPE OF EXPENDITURE	All governments (mil. dol.)	Federal (mil. dol.)	State (mil. dol.)	Local (mil. dol.)	PERCENT		PER CAPITA [1] (dol.)	
					Federal	State and local	Federal	State and local
Revenue	[2] **1,181,271**	**679,663**	**357,661**	[2] **337,921**	**100.0**	**100.0**	**2,905**	**2,536**
Intergovernment revenue	(2)	1,846	72,728	119,399	.3	15.2	8	385
Revenue from own sources	1,181,271	677,817	284,933	218,521	99.7	84.9	2,897	2,152
General revenue from own sources	878,633	481,887	217,752	178,994	70.9	66.9	2,060	1,696
Percent of total revenue	74.4	70.9	60.9	53.0	(x)	(x)	(x)	(x)
Taxes [3]	665,615	381,179	171,440	112,997	56.1	47.9	1,629	1,216
Property	89,104	(x)	3,281	85,824	(x)	15.0	(x)	361
Individual income	344,067	288,938	49,789	5,340	42.5	9.3	1,235	236
Corporation income	51,280	37,022	13,153	1,105	5.4	2.4	158	61
Sales and gross receipts	144,718	44,471	83,895	16,352	6.5	16.9	190	428
Customs duties	8,727	8,727	(x)	(x)	1.3	(x)	37	(x)
General sales and gross receipts	64,890	(x)	53,639	11,250	(x)	10.9	(x)	277
Selective sales and gross receipts [3]	71,101	35,744	30,255	5,102	5.3	6.0	153	151
Motor fuel	16,726	5,784	10,793	149	.9	1.9	25	47
Alcoholic beverages	8,591	5,613	2,743	235	.8	.5	24	13
Tobacco products	8,322	4,140	4,001	181	.6	.7	18	18
Public utilities	11,818	2,947	5,621	3,250	.4	1.5	13	38
Motor vehicle and operators' licenses	6,732	(x)	6,289	443	(x)	1.1	(x)	29
Death and gift	8,598	6,053	2,545	–	.9	.4	26	11
Charges and misc. general revenue [3]	213,018	100,708	46,312	65,998	14.8	18.9	430	480
Current charges [3]	113,172	50,547	23,182	39,443	7.4	10.6	216	268
National defense and international relations	7,122	7,122	(x)	(x)	1.0	(x)	30	(x)
Postal service	22,679	22,679	(x)	(x)	3.3	(x)	97	(x)
Education [3]	18,829	–	13,126	5,703	–	3.2	–	80
School lunch sales	2,363	(x)	9	2,354	(x)	.4	(x)	10
Higher education	14,808	–	12,964	1,844	–	2.5	–	63
Natural resources	13,227	12,326	637	264	1.8	.2	53	4
Hospitals	19,320	76	5,309	13,935	(z)	3.2	(z)	82
Sewerage and sanitation	7,460	(x)	7	7,453	(x)	1.3	(x)	32
Parks and recreation	1,778	67	403	1,308	(z)	.3	(z)	7
Housing and urban renewal	3,116	1,473	147	1,496	.2	.3	6	7
Air transportation	2,559	24	235	2,300	(z)	.4	(z)	11
Water transport and terminals	1,468	482	284	702	.1	.2	2	4
Special assessments	1,625	(x)	56	1,569	(x)	.3	(x)	7
Sale of property	1,910	877	82	952	.1	.2	4	4
Interest earnings	47,465	21,363	12,185	13,917	3.1	4.4	91	112
Utility revenue	34,033	(x)	2,390	31,643	(x)	5.7	(x)	145
Liquor stores	3,311	(x)	2,819	492	(x)	.6	(x)	14
Insurance trust revenue	265,294	195,930	61,971	7,393	28.8	11.7	837	296
Expenditure	[2] **1,350,949**	**874,264**	**334,019**	[2] **335,098**	**100.0**	**100.0**	**3,736**	**2,423**
Intergovernment expenditure	(2)	88,539	100,887	[2] 3,005	10.1	.3	378	8
General revenue sharing	(2)	4,620	(x)	(x)	.5	(x)	21	(x)
Direct expenditure	1,350,949	785,725	233,132	332,093	89.9	99.7	3,358	2,416
General expenditure	1,000,709	535,631	184,155	280,924	61.3	82.0	2,289	1,988
Percent of total expenditure	74.1	61.3	55.0	83.8	(x)	(x)	(x)	(x)
Utility expenditure	49,995	(x)	4,417	45,579	(x)	6.8	(x)	214
Liquor stores expenditure	2,816	(x)	2,381	436	(x)	.5	(x)	12
Insurance trust expenditure	297,429	250,094	42,180	5,154	28.6	8.3	1,096	202
By character and object:								
Current operation	692,826	290,781	144,018	258,026	33.3	70.9	1,243	1,718
Capital outlay	148,728	80,744	23,351	44,633	9.2	12.0	345	291
Construction	62,062	8,796	18,616	34,650	1.0	9.4	38	226
Equip., land and existing structures	86,666	71,948	4,735	9,983	8.2	2.6	308	63
Assistance and subsidies	74,055	55,371	11,874	6,809	6.3	3.3	237	80
Interest on debt (general and utility)	137,913	108,735	11,708	17,470	12.4	5.2	465	125
Insurance benefits and repayments	297,429	250,094	42,180	5,154	28.6	8.3	1,069	202
Expenditure for salaries and wages	*314,019*	*109,641*	*60,348*	*144,031*	*12.5*	*36.1*	*469*	*873*

– Represents or rounds to zero. X Not applicable. Z Less than .05 percent or $.50. [1] Based on estimated resident population as of July 1. [2] Aggregates exclude duplicative transactions between levels of government; see source. [3] Includes amounts not shown separately.

Source: U.S. Bureau of the Census, *Governmental Finances in 1982-83*, series GF 83, No. 5.

No. 446. All Governments—Tax Revenue, by Source and Level: 1960 to 1983

[1983 data revised since originally published. Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 507-512, Y 569-579, Y 657-662, Y 716-727, and Y 802-806]

Source and year	All governments		Federal [1]		State and local		Annual percent change [2]			Per capita [3] (dollars)	
	Total (mil. dol.)	Percent of total	Total (mil. dol.)	Percent of all govt.	State (mil. dol.)	Local (mil. dol.)	Federal	State	Local	Federal	State and local
Total:											
1960	113,120	100.0	77,003	68.1	18,036	18,081	6.0	9.2	8.8	428	201
1965	144,963	100.0	93,710	64.6	26,126	25,116	4.0	7.7	6.8	483	264
1970	232,877	100.0	146,082	62.7	47,962	38,833	9.3	12.9	9.1	719	427
1975	331,435	100.0	189,970	57.3	80,155	61,310	5.4	10.8	9.6	892	664
1978	468,161	100.0	274,519	58.6	113,261	80,381	13.1	12.2	9.5	1,259	888
1979	524,446	100.0	318,932	60.8	124,908	80,606	16.1	10.3	.3	1,449	934
1980	574,244	100.0	350,781	61.1	137,075	86,387	10.0	9.8	7.2	1,549	987
1981	650,228	100.0	405,714	62.4	149,738	94,776	15.7	9.2	9.7	1,791	1,079
1982	671,515	100.0	405,125	60.3	162,607	103,783	−.1	8.6	9.5	1,788	1,176
1983	665,615	100.0	381,179	57.3	171,440	112,997	−5.9	5.4	8.9	1,629	1,216
Individual income:											
1960	43,178	38.2	40,715	94.3	2,209	[4] 254	7.2	15.1	[4] 12.2	226	14
1965	52,882	36.5	48,792	92.3	3,657	[4] 433	3.7	10.6	[4] 11.3	252	21
1970	101,224	43.5	90,412	89.3	9,183	[4] 1,630	13.1	20.2	[4] 30.4	445	53
1975	143,840	43.4	122,386	85.1	16,819	[4] 2,635	6.2	15.4	[4] 10.1	574	101
1978	214,164	45.7	180,988	84.5	29,105	[4] 4,071	13.9	15.6	[4] 15.6	830	152
1979	254,773	48.6	217,841	85.5	32,622	[4] 4,309	20.4	12.1	[4] 5.8	990	168
1980	286,149	49.8	244,069	85.3	37,089	[4] 4,990	12.0	13.7	[4] 15.8	1,078	186
1981	331,977	51.0	285,551	86.0	40,895	[4] 5,531	17.0	10.3	[4] 10.8	1,260	205
1982	348,849	51.9	298,111	85.5	45,668	5,071	4.4	11.7	(X)	1,316	224
1983	344,067	51.7	288,938	84.0	49,789	5,340	−3.1	9.0	5.3	1,235	236
Corporation income:											
1960	22,674	20.0	21,494	94.8	1,180	([4])	3.8	9.9	([4])	119	7
1965	27,390	18.9	25,461	93.0	1,929	([4])	3.4	10.3	([4])	131	10
1970	36,567	15.7	32,829	89.8	3,738	([4])	5.2	14.2	([4])	162	18
1975	47,263	14.3	40,621	85.9	6,642	([4])	4.4	12.2	([4])	191	31
1978	70,690	15.1	59,952	84.8	10,738	([4])	13.9	17.4	([4])	275	49
1979	77,805	14.8	65,677	84.4	12,128	([4])	9.5	12.9	([4])	298	55
1980	77,921	13.6	64,600	82.9	13,321	([4])	−1.6	9.8	([4])	285	59
1981	75,280	11.6	61,137	81.2	14,143	([4])	−5.4	6.2	([4])	270	62
1982	64,235	9.6	49,207	76.6	14,002	1,027	−19.5	−1.0	(X)	217	66
1983	51,280	7.7	37,022	72.2	13,153	1,105	−24.8	−6.1	7.6	158	61
Sales and gross receipts: [5]											
1960	24,452	21.6	12,603	51.5	10,510	1,339	5.6	8.9	11.4	70	66
1965	32,904	22.7	15,786	48.0	15,058	2,059	4.6	7.5	9.0	81	88
1970	48,619	20.9	18,297	37.6	27,254	3,068	3.0	12.6	7.9	90	149
1975	70,905	21.4	21,090	29.7	43,346	6,468	2.9	9.7	16.1	99	234
1978	93,049	19.9	25,453	27.4	58,270	9,326	6.5	10.4	13.0	117	310
1979	100,951	19.3	26,714	26.5	63,668	10,579	4.9	9.3	13.4	121	337
1980	111,961	19.5	32,034	28.6	67,855	12,072	19.9	6.5	14.1	141	353
1981	134,532	20.7	48,561	36.1	72,751	13,220	51.6	7.2	9.5	214	379
1982	139,288	20.7	45,675	32.8	78,789	14,824	−5.9	8.3	12.1	202	413
1983	144,718	21.7	44,471	30.7	83,895	16,352	−2.6	6.5	10.3	190	428
Property:											
1960	16,405	14.5	(X)	(X)	607	15,798	(X)	8.1	8.9	(X)	91
1965	22,583	15.6	(X)	(X)	766	21,817	(X)	4.8	6.7	(X)	117
1970	34,054	14.6	(X)	(X)	1,092	32,963	(X)	7.4	8.6	(X)	168
1975	51,491	15.5	(X)	(X)	1,451	50,040	(X)	5.9	8.7	(X)	242
1978	66,422	14.1	(X)	(X)	2,364	64,058	(X)	17.7	8.6	(X)	305
1979	64,944	12.4	(X)	(X)	2,490	62,453	(X)	5.3	−2.5	(X)	295
1980	68,499	11.9	(X)	(X)	2,892	65,607	(X)	16.1	5.0	(X)	302
1981	74,969	11.5	(X)	(X)	2,949	72,020	(X)	2.0	9.8	(X)	331
1982	82,067	12.2	(X)	(X)	3,116	78,952	(X)	5.7	9.6	(X)	362
1983	89,104	13.4	(X)	(X)	3,281	85,824	(X)	5.3	8.7	(X)	381
Other taxes: [6]											
1960	6,411	5.7	2,191	34.2	3,530	692	9.3	7.2	1.8	12	23
1965	9,191	6.3	3,670	39.9	4,715	807	10.9	6.0	3.1	19	28
1970	12,413	5.3	4,544	36.6	6,695	1,173	4.4	7.3	7.8	22	39
1975	17,936	5.4	5,873	32.7	9,897	2,166	5.3	9.1	13.1	28	57
1978	23,835	5.1	8,126	34.1	12,784	2,925	11.4	8.9	10.5	37	72
1979	25,964	5.0	8,700	33.5	13,999	3,264	7.1	9.5	11.6	40	78
1980	29,714	5.2	10,078	33.9	15,917	3,718	15.8	13.7	13.9	44	87
1981	33,469	5.1	10,465	31.3	18,999	4,005	3.8	19.4	7.7	46	102
1982	37,075	5.5	12,132	32.7	21,034	3,909	15.9	10.6	−2.4	54	110
1983	36,447	5.5	10,748	29.5	21,324	4,375	−11.4	1.4	11.9	46	110

X Not applicable. [1] Corporation income taxes include excess profits tax, normal tax, and surtax. [2] For explanation, see Guide to Tabular Presentation. Represents average for period of intervals shown here; for 1960, change from 1955. Minus sign (−) indicates decrease. [3] See footnote 3, table 441. [4] Corporation included with individual income. [5] Federal taxes include customs. [6] Includes licenses.

Source: U.S. Bureau of the Census, *Census of Governments: 1982*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment* (GC82(6)-4), and *Governmental Finances*, series GF No. 5, annual.

No. 447. All Governments—Expenditure for Capital Outlay, by Function and Level of Government: 1970 to 1983

[**In millions of dollars, except percent.** Except for 1977 and 1982, local government data are estimates subject to sampling variation; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 523–524, Y 673–674, Y 740,741, and Y 787–788]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**47,519**	**66,622**	**71,631**	**75,160**	**81,058**	**93,156**	**99,386**	**116,499**	**129,637**	**148,728**
Federal Government:										
Total	**17,869**	**21,798**	**25,100**	**30,006**	**36,289**	**39,960**	**36,492**	**48,903**	**62,835**	**80,744**
Average annual percent change [1]	−6.0	4.1	15.2	19.6	20.9	10.1	−8.7	34.0	28.5	28.5
As percent of direct expenditure	9.7	7.5	7.8	8.4	9.1	8.8	6.9	7.8	8.8	10.3
By function:										
National defense [2]	14,027	14,507	18,158	21,541	26,361	29,502	28,161	39,441	52,958	69,697
Education	9	2	3	2	58	63	97	1	19	26
Highways	9	70	66	68	85	126	132	115	84	153
Health and hospitals	166	311	367	596	627	579	673	606	827	1,146
Natural resources	1,691	3,416	3,932	5,038	5,601	5,986	4,046	5,097	4,963	4,500
Housing [3]	853	1,059	810	605	365	345	317	376	613	1,080
Air transportation	234	363	288	318	146	238	151	285	115	283
Water transportation [4]	285	251	283	283	341	557	1,003	858	780	634
All other	595	1,819	1,193	1,555	2,705	2,564	1,912	2,124	2,476	3,225
State and local government:										
Total	**29,650**	**44,824**	**46,531**	**45,154**	**44,769**	**53,196**	**62,894**	**67,596**	**66,802**	**67,984**
Average annual percent change [1]	5.0	8.6	3.8	−3.0	−.9	18.8	18.2	7.5	−1.2	1.8
As percent of direct expenditure	20.0	16.7	15.4	14.0	13.0	14.0	14.5	13.9	12.8	12.0
By function:										
Education [5]	7,621	9,861	10,111	8,886	8,674	9,505	10,737	11,327	10,855	10,880
Higher education	2,705	2,834	3,007	2,813	2,593	2,781	2,972	3,474	3,696	3,403
Elementary and secondary	4,658	6,532	6,547	5,681	5,709	6,370	7,362	7,441	6,864	7,200
Highways	10,762	13,646	14,209	12,554	12,898	15,567	19,133	19,334	18,178	18,627
Health and hospitals	790	1,781	1,843	2,150	1,878	1,984	2,443	2,559	2,503	2,710
Natural resources	789	1,113	1,072	769	643	720	1,052	1,017	1,072	1,311
Housing [3]	1,319	1,821	1,398	1,324	1,439	1,685	2,248	2,689	3,259	2,921
Air transportation	691	852	802	599	777	966	1,391	1,438	1,374	1,408
Water transportation [4]	258	419	350	350	317	559	623	878	898	716
Sewerage	1,385	3,569	3,955	4,660	4,366	5,819	6,272	6,911	5,922	5,806
Parks and recreation [6]	684	1,261	1,314	1,612	1,552	1,791	2,023	2,072	2,029	2,100
Utilities [6]	2,437	4,846	5,355	6,952	6,597	8,357	9,933	11,562	12,484	12,870
Water	1,201	2,111	2,208	2,047	2,141	2,701	3,335	3,784	3,689	3,821
Electric	820	1,485	1,762	3,167	3,001	3,943	4,572	4,980	5,603	5,292
Transit	366	1,203	1,339	1,681	1,407	1,618	1,921	2,617	3,072	3,615
Gas	50	48	46	57	47	96	105	181	120	143
Other	2,915	5,656	6,122	5,298	5,628	6,443	7,099	7,809	8,427	8,634

[1] Average annual change from immediate prior year. [2] Includes international relations and U.S. service schools. [3] Includes community development. [4] Includes terminals. [5] Includes other education. [6] Beginning 1977, includes outlays by State governments.

Source: U.S. Bureau of the Census, *Census of Governments: 1977* and *1982, Vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5 annual.

No. 448. All Governments—Gross and Net Stock of Government-Owned Fixed Capital and Gross Capital Formation in Current and Constant (1972) Dollars: 1970 to 1984

[**In billions of dollars.** Stocks are as of Dec. 31; capital formation and depreciation are annual totals; net stock and depreciation are based on the straight-line depreciation formula]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984
CURRENT DOLLARS									
All governments:									
Gross stock	1,005.4	1,701.8	2,264.6	2,598.7	2,939.7	3,160.6	3,251.7	3,411.3	3,637.0
Equipment	223.7	318.0	428.3	483.5	562.3	637.2	712.7	793.3	873.3
Structures	781.8	1,383.8	1,836.3	2,115.2	2,377.4	2,523.4	2,539.0	2,618.0	2,763.7
Net stock	628.8	1,058.3	1,384.6	1,582.1	1,777.6	1,894.0	1,933.9	2,013.1	2,133.7
Equipment	115.9	166.1	223.7	256.2	298.7	338.1	382.6	430.3	478.0
Structures	513.0	892.2	1,160.9	1,326.0	1,478.9	1,555.9	1,551.3	1,582.8	1,655.7
Gross fixed capital formation	42.9	63.0	79.1	88.8	98.7	98.5	111.9	122.6	129.3
Depreciation	28.2	44.9	58.8	67.6	77.1	84.7	91.1	97.1	105.0
Net fixed capital formation	14.7	18.1	20.3	21.2	21.5	13.8	20.8	25.5	24.3
State and local governments:									
Gross stock	637.8	1,162.2	1,564.5	1,799.2	2,034.8	2,156.2	2,172.1	2,240.5	2,367.8
Equipment	34.7	69.6	100.2	114.3	127.8	141.8	150.5	157.0	163.5
Structures	603.1	1,092.6	1,464.3	1,684.9	1,907.1	2,014.4	2,021.6	2,083.5	2,204.3
Net stock	427.6	766.7	1,008.1	1,148.8	1,286.1	1,348.6	1,344.1	1,368.3	1,434.3
Equipment	20.6	42.2	57.9	64.4	70.1	75.8	78.5	78.3	82.4
Structures	407.0	724.6	950.2	1,084.4	1,216.0	1,272.8	1,265.6	1,290.0	1,351.9
Gross fixed capital formation	28.8	41.8	45.6	48.4	53.8	51.9	50.3	50.3	56.1
Depreciation	12.8	24.6	32.7	38.2	43.5	46.3	47.7	49.0	51.3
Net fixed capital formation	16.0	17.2	12.8	10.2	10.3	5.6	2.6	1.3	4.8
CONSTANT (1972) DOLLARS									
State and local governments:									
Gross stock	698.2	822.8	881.1	897.9	915.0	928.9	941.0	952.9	965.3
Net stock	468.2	543.0	567.4	572.9	577.9	580.4	581.4	581.9	583.9
Gross fixed capital formation	33.0	30.3	27.1	25.3	25.3	23.1	22.0	21.7	23.4

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925–79; Survey of Current Business*, February 1981, October 1982, August 1984; and unpublished data.

NO. 449. FEDERAL GRANTS-IN-AID—SUMMARY: 1960 TO 1986

[Through 1975, for years ending June 30; thereafter, ending Sept. 30. Minus sign (−) indicates decrease]

YEAR	CURRENT DOLLARS							CONSTANT (1972) DOLLARS	
	Total grants (bil. dol.)	Annual percent change[1]	Grants to individuals		Grants as percent of—			Total grants (bil. dol.)	Annual percent change[1]
			Total (bil. dol.)	Percent of total grants	State-local govt. receipts[2]	Federal outlays	Gross national product		
1960	7.0	7.7	2.5	35.7	16.8	7.6	1.4	10.8	8.0
1965	10.9	7.9	3.7	33.9	17.7	9.2	1.7	15.5	5.4
1970	24.0	18.2	8.6	35.8	22.9	12.3	2.5	27.0	11.6
1975	49.8	14.7	16.4	33.0	29.1	15.0	3.4	39.2	3.4
1977	68.4	15.7	22.2	32.4	31.0	16.7	3.7	46.7	7.4
1978	77.9	13.9	24.2	31.0	31.7	17.0	3.7	49.4	5.8
1979	82.9	6.4	26.9	32.4	31.3	16.5	3.5	48.1	−2.6
1980	91.5	10.4	31.9	34.9	31.7	15.5	3.6	48.2	.2
1981	94.8	3.6	36.9	39.0	30.1	14.0	3.3	46.1	−4.4
1982	88.2	−7.0	37.9	42.9	25.6	11.8	2.9	40.4	−12.4
1983	92.5	4.9	41.6	45.0	24.7	11.4	2.9	40.7	.7
1984	97.6	5.5	44.3	45.4	23.7	11.5	2.7	41.3	1.5
1985, est	107.0	9.7	47.9	44.7	24.3	11.2	2.8	43.5	5.3
1986, est	100.7	−5.9	46.9	46.6	21.4	10.3	2.4	39.3	−9.7

[1] Percent change from immediate prior year. [2] From own sources. Receipts as defined in the national income and product accounts.

Source: Advisory Commission on Intergovernmental Relations, Washington, DC, *Significant Features of Fiscal Federalism*, 1984.

NO. 450. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS: 1970 TO 1985

[*In millions of dollars.* Through 1975, for years ending June 30; thereafter, ending Sept. 30. Includes trust funds. Minus sign (−) indicates previously disbursed funds returned to the Federal Government. See *Historical Statistics, Colonial Times to 1970*, series Y 638-651, for related data]

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1970	1975	1979	1980	1981	1982	1983	1984	1985, est.
Grant-in-aid shared revenue	[1] 24,065	49,791	82,858	91,451	94,762	88,195	92,496	97,577	107,016
National defense	37	74	94	93	75	68	86	95	117
Natural resources and environment	411	2,437	4,631	5,363	4,945	4,872	4,018	3,779	3,944
Environmental Protection Agency	194	2,025	3,963	4,603	4,181	4,079	3,266	2,922	3,077
Energy	25	43	183	499	617	509	482	534	583
Agriculture	604	404	456	569	829	986	1,822	1,832	2,210
Transportation[2]	4,599	5,864	10,438	13,087	13,462	12,171	13,248	15,013	18,027
Airports	83	292	557	590	469	339	453	694	760
Highways	4,395	4,702	7,329	9,209	9,107	7,903	8,896	10,522	13,054
Railroads	–	(z)	52	54	51	80	182	34	42
Urban mass transit	105	689	2,408	3,129	3,771	3,782	3,655	3,483	3,743
Commerce and housing credit	4	2	12	3	4	3	62	2	2
Community and regional development[2]	1,780	2,842	6,641	6,486	6,124	5,379	4,962	5,157	5,366
Appalachian development	184	306	297	335	329	304	262	209	182
Community development block grants	(x)	38	3,161	3,902	4,042	3,792	3,554	3,819	3,900
Urban renewal	1,054	1,374	298	214	156	101	38	24	35
Education, employment, training, social services[2]	6,393	12,133	22,249	21,862	21,474	16,589	16,125	16,669	18,434
Elementary and secondary education[3]	1,470	2,276	3,115	3,536	3,506	(x)	(x)	(x)	(x)
Compensatory education for the disadvantaged[3]	(x)	(x)	(x)	(x)	(x)	2,939	2,629	3,067	3,551
Special programs and populations[3]	(x)	(x)	(x)	(x)	(x)	636	509	570	454
Bilingual education[3]	(x)	(x)	(x)	(x)	(x)	110	108	112	96
Federally affected areas impact aid	622	577	858	622	693	546	548	567	720
Vocational and adult education	285	653	769	854	723	802	705	719	890
Library and learning resources	105	210	255	158	80	101	124	80	116
Work incentives	81	304	372	383	368	222	281	259	257
Social services—block grants to States	574	2,047	3,091	2,763	2,646	2,568	2,508	2,789	2,750
Human development	390	803	1,199	1,548	1,735	1,531	1,685	1,717	1,784
Employment and training assistance	954	2,504	5,397	6,191	5,926	3,295	3,187	2,555	2,975
Temporary employment assistance	(x)	372	3,285	1,797	852	38	46	−15	–
Health[2]	3,849	8,810	14,377	15,758	18,895	18,839	20,224	21,837	24,768
Alcohol, drug abuse, and mental health[4]	146	590	594	679	664	656	506	501	472
Medicaid[4]	2,727	6,840	12,407	13,957	16,833	17,391	18,985	20,061	22,985
Income security[2]	5,819	9,352	14,740	18,495	21,013	21,930	24,758	25,678	26,532
Assistance payment program[4]	4,142	5,121	6,331	6,888	7,694	7,488	7,844	8,311	8,329
Food stamps—administration	559	136	324	413	489	752	629	732	864
Child nutrition and special milk programs[4]	379	1,565	2,862	3,388	3,359	2,875	3,115	3,361	3,644
Housing assistance[4]	436	1,326	2,773	3,495	4,035	4,894	5,695	5,750	6,065
Veterans benefits and services	18	33	87	90	74	63	66	66	92
Administration of justice	42	725	517	529	332	187	101	69	163
General government	49	101	202	138	208	252	211	171	203
General purpose fiscal assistance	430	6,971	8,233	8,478	6,710	6,347	6,330	6,677	6,576
General revenue sharing	(x)	6,130	6,848	6,829	5,137	4,569	4,614	4,567	4,610

– Represents zero. X Not applicable. Z Less than $500,000. [1] Includes $5 million for international affairs subsequently provided to a private institution. [2] Includes items not shown separately. [3] The 1983 Budget proposed dismantlement of the Dept. of Education (DED). Budget data for elementary and secondary education previously performed by DED are included in the Foundation for Education Assistance under compensatory education for the disadvantaged, special programs and populations, and bilingual education. [4] Includes grants for payments to individuals.

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1986.*

NO. 451. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS—SELECTED PROGRAMS, BY STATE: 1984

[In millions of dollars, except per capita. For fiscal year ending **Sept. 30]**

DIVISION AND STATE	FEDERAL AID [1]		OE [3] compensatory education [4]	EPA [5] waste treatment facilities construction	HHS [6]		HUD [8]		ETA [10] employment/ training	DEPARTMENT OF—	
	Total	Per capita [2] (dol.)			SSA [7]	Medicaid	Lower income housing assistance [9]	Community development		Transportation, highway trust fund	Treasury, general revenue sharing
Total	**94,034**	**398**	**2,973**	**2,604**	**11,314**	**19,978**	**4,491**	**3,693**	**2,473**	**9,460**	**4,567**
N.E	**5,692**	**453**	**254**	**170**	**717**	**1,350**	**363**	**207**	**114**	**427**	**264**
ME	590	511	36	22	77	154	30	16	11	52	29
NH	368	376	36	17	32	67	20	7	6	46	15
VT	331	625	26	14	42	65	14	5	6	47	13
MA	2,634	454	45	65	337	659	184	114	55	110	133
RI	548	569	36	22	61	139	45	25	10	48	20
CT	1,221	387	75	30	168	266	70	40	26	124	54
M.A	**17,806**	**479**	**309**	**508**	**2,443**	**5,151**	**956**	**793**	**386**	**1,026**	**826**
NY	10,268	579	139	292	1,415	3,545	540	452	180	474	461
NJ	2,871	382	45	131	407	576	195	130	75	158	143
PA	4,667	392	125	85	621	1,030	221	211	131	394	222
E.N.C	**15,948**	**383**	**286**	**495**	**2,534**	**3,582**	**768**	**720**	**532**	**1,398**	**739**
OH	4,044	376	126	193	549	913	225	219	135	348	173
IN	1,760	320	26	47	195	371	80	77	69	215	85
IL	4,304	374	70	131	600	834	259	192	137	411	210
MI	3,776	416	35	97	792	882	134	147	138	243	172
WI	2,064	433	29	27	398	582	70	85	53	181	99
W.N.C	**7,063**	**403**	**227**	**231**	**769**	**1,315**	**312**	**277**	**151**	**1,054**	**315**
MN	1,865	448	23	48	265	494	89	61	37	211	86
IA	1,091	375	36	33	136	175	33	50	26	194	53
MO	1,775	354	30	73	182	300	89	98	48	231	79
ND	454	661	36	16	29	61	17	8	6	95	14
SD	436	617	36	12	26	60	28	7	7	78	15
NE	637	397	30	13	59	90	23	21	11	103	29
KS	805	330	36	36	72	135	33	32	16	142	39
S.A	**13,921**	**353**	**624**	**378**	**1,134**	**2,436**	**681**	**479**	**368**	**1,596**	**729**
DE	299	487	36	14	23	36	17	8	6	43	13
MD	1,697	390	51	84	173	290	99	60	41	216	88
DC	1,382	2,218	82	1	62	132	36	14	14	20	18
VA	1,628	289	52	30	163	306	90	65	44	193	99
WV	819	420	28	37	72	100	35	27	24	173	44
NC	1,929	313	67	50	157	433	108	64	65	194	122
SC	1,169	354	127	17	72	225	53	42	35	117	69
GA	2,214	379	28	60	175	432	106	81	49	336	112
FL	2,784	254	153	85	237	482	137	118	90	304	164
E.S.C	**6,183**	**411**	**287**	**125**	**373**	**1,246**	**301**	**244**	**195**	**754**	**299**
KY	1,590	427	85	27	131	337	79	64	49	182	76
TN	1,885	400	131	28	95	396	96	63	56	248	84
AL	1,532	384	40	41	81	276	77	75	58	199	77
MS	1,176	453	31	29	66	237	49	42	32	125	62
W.S.C	**8,025**	**307**	**241**	**217**	**449**	**1,762**	**380**	**347**	**222**	**977**	**452**
AR	946	403	43	19	47	251	39	35	27	106	45
LA	1,776	398	33	49	132	429	71	80	48	238	93
OK	1,167	354	27	34	83	255	60	40	27	121	63
TX	4,136	259	138	115	187	827	210	192	120	512	251
Mt	**5,578**	**444**	**291**	**133**	**366**	**558**	**197**	**140**	**131**	**917**	**248**
MT	532	645	36	12	36	55	22	10	11	116	20
ID	413	413	29	15	32	49	11	11	11	69	19
WY	556	1,089	34	16	14	13	6	4	6	79	15
CO	1,176	370	69	24	106	154	47	32	24	177	54
NM	863	606	43	17	49	95	26	19	17	110	36
AZ	990	324	50	16	63	58	52	32	41	157	54
UT	708	429	26	17	53	100	12	22	12	140	35
NV	340	374	4	16	13	34	21	10	9	69	15
Pac	**13,818**	**404**	**458**	**349**	**2,526**	**2,575**	**533**	**483**	**376**	**1,309**	**697**
WA	1,698	390	29	54	233	258	68	74	53	286	68
OR	1,246	466	127	26	105	155	38	33	27	127	54
CA	9,799	382	194	244	2,100	2,065	371	361	276	688	517
AK	616	1,231	79	10	36	28	35	–	10	143	36
HI	459	442	29	15	52	69	21	15	10	65	22

– Represents zero. [1] Includes other amounts not shown separately. [2] Based on Bureau of the Census estimated resident population as of July 1. [3] Office of Education. [4] For the disadvantaged. [5] Environmental Protection Agency. [6] Department of Health and Human Services. [7] Social Security Administration. Includes Aid to Families with Dependent Children (AFDC), child support enforcement, low income home energy assistance, refugee assistance, State and local training and supplemental security income. [8] Department of Housing and Urban Development. [9] Includes public housing, housing payments (section 8) to public agencies, and college housing. [10] Employment and Training Administration, Job Training Partnership Act.

Source: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year 1984.*

No. 452. State and Local Governments—Summary of Finances: 1970 to 1983

[In millions of dollars, except percent. 1983 data revised since originally published. Except for 1982, local government amounts included here are estimates subject to sampling variations; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970*, series Y 652-709]

Source of revenue and type of expenditure	1970	1975	1979	1980	1981	1982	1983	
							Total	Percent
Revenue [1]	**150,106**	**264,013**	**404,934**	**451,537**	**506,728**	**547,719**	**593,461**	**100.0**
From Federal Government	**21,857**	**47,034**	**75,164**	**83,029**	**90,294**	**87,282**	**90,007**	**15.2**
Public welfare	7,574	14,357	22,487	24,921	29,176	31,780	33,339	5.6
Highways	4,608	5,320	7,147	8,980	9,508	8,440	9,136	1.5
Education	5,844	9,078	12,300	14,435	15,831	14,494	14,619	2.5
Employment security administration	664	1,525	1,935	2,056	2,367	2,352	2,541	.4
Revenue sharing	(x)	6,245	6,851	6,844	5,649	4,576	4,583	.8
Other and unallocable	3,167	10,509	24,444	25,793	27,762	25,640	25,789	4.3
From State and local sources	**128,248**	**216,979**	**329,770**	**368,509**	**416,433**	**460,437**	**503,455**	**84.9**
General, net intergovernmental	108,898	181,137	268,115	299,293	333,109	370,371	396,746	66.9
Taxes	86,795	141,465	205,514	223,463	244,514	266,390	284,437	47.9
Property	34,054	51,491	64,944	68,499	74,969	82,067	89,105	15.0
Sales and gross receipts	30,322	49,815	74,247	79,927	85,971	93,613	100,247	16.9
Individual income	10,812	21,454	36,932	42,080	46,426	50,738	55,129	9.3
Corporation income	3,738	6,642	12,128	13,321	14,143	15,028	14,258	2.4
Other	7,868	12,063	17,264	19,636	23,004	24,944	25,698	4.3
Charges and miscellaneous	22,103	39,668	62,600	75,830	88,595	103,982	112,310	18.9
Utility and liquor stores	8,614	13,335	22,628	25,560	29,896	34,040	37,344	6.3
Water supply system	2,687	4,142	6,250	6,766	7,718	8,472	9,528	1.6
Electric power system	2,385	4,689	9,938	11,387	13,715	16,027	17,823	3.0
Transit system	1,135	1,411	2,245	2,397	2,965	3,526	3,535	.6
Gas supply system	401	625	1,297	1,809	2,220	2,671	3,047	.5
Liquor stores	2,006	2,468	2,898	3,201	3,278	3,343	3,311	.6
Insurance trust revenue [2]	10,736	22,507	39,027	43,656	53,429	56,025	69,364	11.7
Employee retirement	6,493	12,354	21,923	25,441	30,382	34,143	42,526	7.2
Unemployment compensation	3,101	8,155	12,941	13,529	18,571	16,922	21,583	3.6
Direct expenditure	**148,052**	**268,241**	**380,374**	**432,328**	**485,174**	**523,023**	**565,225**	**100.0**
By function:								
Direct general expenditure [2]	131,332	229,747	326,024	367,340	405,576	435,103	465,079	82.3
Education [2]	52,718	87,858	119,448	133,211	145,784	154,282	163,676	29.0
Higher education	12,924	21,702	30,059	33,919	38,114	41,570	43,820	7.8
Local schools	37,461	61,485	83,385	92,930	100,535	105,761	112,945	20.0
Highways	16,427	22,528	28,440	33,311	34,603	34,520	36,655	6.5
Public welfare	14,679	27,181	40,418	45,552	52,248	56,216	59,157	10.5
Health	1,806	4,414	7,179	8,387	9,771	10,636	11,546	2.0
Hospitals	7,863	14,432	21,039	23,787	26,330	30,245	32,572	5.8
Police protection	4,494	8,526	12,207	13,494	14,947	16,511	17,934	3.2
Fire protection	2,024	3,522	5,147	5,718	6,336	7,026	7,582	1.3
Natural resources	2,732	4,223	4,706	5,509	6,175	6,567	7,082	1.3
Sanitation and sewerage	3,413	7,438	11,787	13,214	14,898	14,940	15,603	2.8
Housing and urban renewal	2,138	3,460	4,724	6,062	7,086	8,584	8,505	1.5
Parks and recreation	1,888	3,462	5,896	6,520	7,064	7,501	8,050	1.4
Financial administration	2,030	3,594	6,071	6,719	7,230	8,106	8,789	1.6
General control	2,652	5,046	7,742	8,697	9,541	10,735	12,094	2.1
Interest on general debt [3]	4,374	8,782	12,987	14,747	17,131	20,160	24,136	4.3
Utility and liquor stores [3]	9,447	17,285	30,846	36,191	43,016	48,412	52,812	9.3
Water supply system	3,211	5,440	8,069	9,228	10,582	11,408	12,454	2.2
Electric power system	2,486	5,280	12,665	15,016	17,871	20,446	22,223	3.9
Transit system	1,753	3,977	6,465	7,641	9,607	11,150	12,311	2.2
Gas supply system	370	580	1,231	1,715	2,230	2,566	3,008	.5
Liquor stores	1,627	2,009	2,416	2,591	2,726	2,842	2,816	.5
Insurance trust expenditure [2]	7,273	21,209	23,504	28,797	36,583	38,508	47,334	8.4
Employee retirement	3,629	7,443	12,273	14,008	15,695	17,813	19,254	3.4
Unemployment compensation	2,723	12,311	8,886	12,070	17,932	18,126	24,172	4.3
By character and object:								
Current operation	97,915	180,976	274,167	307,811	343,623	375,057	402,045	71.1
Capital outlay	29,650	44,824	53,196	62,894	67,596	66,802	67,984	12.0
Construction	24,252	36,356	43,326	51,492	54,950	53,668	53,266	9.4
Equipment, land and existing structures	5,399	8,468	9,870	11,402	12,646	13,134	14,718	2.6
Assistance and subsidies	8,090	11,146	14,044	15,222	16,861	17,335	18,684	3.2
Interest on debt (general and utility)	5,123	10,087	15,463	17,604	20,511	24,321	29,178	5.2
Insurance benefits and repayments	7,273	21,209	23,504	28,797	36,583	39,508	47,335	8.4
Expenditure for salaries and wages	*62,998*	*106,168*	*149,104*	*163,896*	*180,261*	*191,570*	*204,378*	*36.2*
Debt outstanding, end of year	**143,570**	**219,926**	**304,103**	**335,603**	**363,892**	**404,579**	**454,501**	**100.0**
Long-term	131,415	200,140	292,302	322,456	348,329	385,786	435,946	95.9
Short-term	12,155	19,786	11,801	13,147	15,562	18,793	18,554	4.1
Long term debt:								
Issued	12,848	21,117	42,085	42,364	43,819	49,182	72,451	(x)
Retired	7,011	10,904	27,056	17,404	18,929	20,955	26,894	(x)

X Not applicable. [1] Excludes duplicative transactions between State and local governments. [2] Includes amounts not shown separately. [3] Interest on utility debt included in "utility expenditure." For total interest on debt, see "Interest on debt (general and utility)," below.

Source: U.S. Bureau of the Census, *Census of Governments: 1982, Vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

No. 453. State and Local Government Receipts and Expenditures in the National Income and Product Accounts: 1970 to 1984

[In billions of dollars. Includes trust accounts transactions. For explanation of national income, see text, p. 427]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Receipts	**135.4**	**237.7**	**297.7**	**327.6**	**352.0**	**386.1**	**420.0**	**441.9**	**478.2**	**523.6**
General, own source	101.7	166.3	208.1	225.7	244.0	267.7	299.4	322.2	352.9	387.8
Personal tax and nontax receipts [1]	23.2	43.1	56.3	63.8	70.4	78.8	89.0	97.8	109.0	120.3
Income taxes	11.1	22.8	30.8	35.3	38.5	42.6	47.9	51.9	58.7	64.5
Nontaxes	7.9	14.6	18.9	21.4	24.5	28.2	32.6	36.7	40.8	45.8
Corporate profits tax accruals	3.5	7.1	11.1	11.9	13.4	14.5	15.4	14.0	16.0	19.1
Indirect business tax and nontax accruals [1]	75.0	116.2	140.7	150.0	160.2	174.4	194.9	210.3	228.0	248.4
Sales taxes	31.6	51.7	64.0	71.0	77.3	82.9	90.7	96.6	107.4	119.4
Property taxes	36.7	53.4	63.2	63.7	64.4	68.4	76.7	85.1	91.3	98.3
Contributions for social insurance	9.2	16.8	22.1	24.7	27.4	29.7	32.7	35.8	39.0	42.6
Federal grants-in-aid	24.4	54.6	67.5	77.3	80.5	88.7	87.9	83.9	86.3	93.2
Expenditures [2]	**133.5**	**232.2**	**269.7**	**297.3**	**321.5**	**355.5**	**382.4**	**409.0**	**434.1**	**470.7**
Purchases of goods and services	124.4	217.2	250.4	278.3	306.0	340.8	367.6	391.5	415.8	452.0
Compensation of employees	71.1	120.6	144.0	157.6	171.8	190.0	206.8	223.7	241.4	260.7
Transfer payments to persons	14.7	24.6	29.7	32.8	35.0	39.7	43.2	46.7	50.7	54.8
Net interest paid [3]	−1.8	−4.2	−4.0	−6.2	−11.8	−17.1	−20.1	−19.1	−21.9	−25.3
Less: Dividends received	.2	.8	1.3	1.7	1.9	1.8	2.1	2.8	2.8	2.8
Subsidies [4]	−3.6	−4.5	−5.1	−5.7	−5.9	−6.1	−6.2	−7.3	−7.8	−8.1
Surplus	**1.9**	**5.5**	**28.0**	**30.3**	**30.4**	**30.6**	**37.6**	**32.9**	**44.1**	**52.9**
Social insurance funds	6.9	13.1	18.0	20.3	23.8	27.1	29.8	33.7	37.5	42.6
Other	−5.1	−7.6	10.1	10.0	6.6	3.5	7.8	−.8	6.6	10.4

[1] Includes other items not shown separately. [2] Includes wage accruals less disbursements of $175 million in 1978, −$135 million in 1979, and −$40 million in 1980, not shown separately. Excludes dividends received by government not shown separately. [3] Interest paid less interest received. [4] Less current surplus of government enterprises.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *1976–1979;* and *Survey of Current Business*, July issues.

No. 454. State and Local Governments—Summary of Finances 1970 to 1983

[General revenue and expenditure exclude utilities, liquor stores, and insurance trusts. Local government amounts included here are estimates subject to sampling variation; see source and Appendix III. 1983 data revised since originally published. See *Historical Statistics, Colonial Times to 1970*, series Y 652–709, for totals]

ITEM	TOTAL (mil. dol.)				PERCENT DISTRIBUTION				PER CAPITA [1] (dol.)			
	1970	1975	1980	1983	1970	1975	1980	1983	1970	1975	1980	1983
General revenue	**130,756**	**228,171**	**383,322**	**486,753**	**100.0**	**100.0**	**100.0**	**100.0**	**643**	**1,071**	**1,688**	**2,080**
From Federal government [2]	21,857	47,034	83,029	90,007	16.7	20.6	21.7	18.5	108	221	367	385
Public welfare	(NA)	(NA)	24,921	33,339	5.9	6.3	6.5	6.8	37	67	110	142
Highways	(NA)	(NA)	8,980	9,136	3.5	2.3	2.3	1.9	23	25	40	39
Education	(NA)	(NA)	14,435	14,619	4.5	4.0	3.8	3.0	29	43	64	62
Revenue sharing	(NA)	(NA)	6,844	4,583	(X)	2.7	1.8	0.9	(X)	29	30	20
From own sources	108,898	181,137	299,293	396,746	83.3	79.4	78.3	81.5	536	850	1,321	1,696
Taxes [3]	86,795	141,465	223,463	284,437	66.4	62.0	58.4	58.5	427	664	987	1,216
Property	34,054	51,491	68,499	89,105	26.0	22.6	17.9	18.3	168	242	302	381
Sales and gross receipts	30,322	49,815	79,927	100,247	23.2	21.8	20.9	20.6	149	234	353	428
General	16,128	29,102	51,328	64,890	12.3	12.8	13.4	13.3	79	137	227	277
Selective	14,194	20,713	28,599	35,357	10.9	9.1	7.5	7.3	70	97	126	151
Individual income	10,812	21,454	42,080	55,129	8.3	9.4	11.3	11.3	53	101	186	236
Corporate income	3,738	6,642	13,321	14,258	2.9	2.9	3.5	2.9	18	31	59	61
Charges and miscellaneous	22,103	39,668	75,830	112,310	16.9	17.4	19.8	23.1	109	186	335	480
Direct general expenditure	**131,332**	**229,747**	**367,340**	**465,079**	**100.0**	**100.0**	**100.0**	**100.0**	**646**	**1,078**	**1,622**	**1,987**
Education	52,718	87,858	133,211	163,876	40.1	38.2	36.3	35.3	259	412	588	700
Public welfare	14,679	27,191	45,552	59,157	11.1	11.9	12.4	12.6	72	128	201	253
Health and hospitals	9,669	18,846	32,174	44,118	7.4	8.2	8.8	9.5	48	88	142	189
Police protection and correction	6,120	11,901	19,942	27,717	4.6	5.2	5.4	6.0	30	56	88	118
Natural resources, parks and recreation	4,620	7,685	12,029	15,132	3.5	3.3	4.8	3.3	23	36	53	65
Sanitation and sewerage	3,413	7,438	13,214	15,603	2.6	3.2	3.2	3.4	17	35	58	49
Housing and community development	2,138	3,460	6,062	8,505	1.7	1.5	1.7	1.8	11	16	27	36
Interest on general debt	4,374	8,782	14,747	24,136	3.4	3.8	4.0	5.2	22	41	65	103
Other [3]	33,600	56,587	90,410	106,834	25.4	24.7	23.4	23.0	164	266	400	475
Debt outstanding	**143,570**	**219,926**	**335,603**	**454,501**	**100.0**	**100.0**	**100.0**	**100.0**	**706**	**1,032**	**1,482**	**1,942**
Short term	12,155	19,786	13,147	18,554	8.5	9.0	3.9	4.1	59	93	58	79
Long term	131,415	200,140	322,456	435,946	91.5	91.0	96.1	95.9	647	939	1,424	1,863
Issued	12,848	21,125	42,364	72,451	(X)	(X)	(X)	(X)	63	93	187	1,269
Retired	7,011	10,904	17,404	26,894	(X)	(X)	(X)	(X)	34	51	77	115

NA Not available. X Not applicable. [1] See footnote 3, table 441. [2] Includes other revenue, not shown separately. [3] Libraries, social insurance administration, veterans service, highways, airports, water transport, parking facilities, fire protection, protective inspection and regulation, general control, financial administration, general public buildings, and other and unallocable.

Source: U.S. Bureau of the Census, *Census of Governments: 1982, Vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances*, series GF No. 5, annual.

No. 455. State and Local Governments—Revenue, Expenditure, and Debt

[For fiscal years. In millions of dollars, except as indicated. Except for 1982, local government amounts included

Year, division, and state	General revenue										
	Amount from—						Per capita [2] (dol.)				Per $1,000 personal income [3] (dol.)
	Total [1]	Federal Govt.	Taxes			Current charges	Total		Taxes		
			Total	Property	Other		Amount	Rank	Total	Rank	
1970	130,756	21,857	86,795	34,054	52,741	14,873	643	(x)	427	(x)	176
1975	228,171	47,034	141,465	51,491	89,974	25,588	1,071	(x)	664	(x)	198
1980	382,322	83,029	223,463	68,499	154,964	44,373	1,668	(x)	987	(x)	198
1981	423,404	90,294	244,514	74,969	169,545	50,238	1,869	(x)	1,079	(x)	196
1982	457,654	87,282	266,390	82,067	184,322	56,920	2,020	(x)	1,176	(x)	190
U.S., 1983	**486,753**	**90,006**	**284,437**	**89,105**	**195,332**	**62,625**	**2,080**	(x)	**1,216**	(x)	**189**
N. Eng.:											
ME	2,072	482	1,240	469	771	197	1,808	36	1,082	31	202
NH	1,586	316	912	579	332	190	1,654	42	951	40	155
VT	1,085	276	598	237	360	119	2,066	24	1,138	25	221
MA	13,180	2,884	8,215	3,018	5,197	1,185	2,285	14	1,425	9	189
RI	2,215	475	1,237	513	724	224	2,319	11	1,295	15	215
CT	6,672	1,036	4,499	1,937	2,562	549	2,126	21	1,434	8	154
Mid. Atl.:											
NY	51,593	9,295	33,377	10,754	22,622	4,868	2,920	4	1,889	4	237
NJ	16,675	2,516	10,879	4,739	6,140	1,654	2,233	19	1,457	7	171
PA	22,881	4,729	13,907	3,740	10,167	2,157	1,924	31	1,169	22	176
E. No. Cent.:											
OH	19,690	3,334	11,821	3,813	8,008	2,728	1,832	35	1,100	29	171
IN	8,958	1,630	4,960	1,716	3,244	1,693	1,635	43	905	44	163
IL	23,067	4,438	14,418	5,482	8,936	2,222	2,008	26	1,255	17	167
MI	21,349	4,069	12,428	5,176	7,252	3,018	2,354	10	1,370	11	214
WI	10,854	1,960	6,619	2,400	4,220	1,564	2,285	15	1,393	10	211
W. No. Cent.:											
MN	10,664	1,766	6,106	1,712	4,394	1,497	2,573	6	1,473	5	231
IA	5,731	956	3,402	1,363	2,039	971	1,973	28	1,171	21	183
MO	7,862	1,544	4,627	1,212	3,415	1,049	1,582	48	931	41	156
ND	1,576	310	748	216	532	288	2,318	12	1,100	28	216
SD	1,311	324	640	272	367	166	1,873	33	914	42	196
NE	3,314	535	1,831	760	1,071	565	2,075	22	1,146	24	196
KS	4,853	777	2,737	1,081	1,657	678	2,001	27	1,129	26	171
So. Atl.:											
DE	1,475	270	771	113	658	234	2,433	8	1,273	16	209
MD	9,757	1,784	5,810	1,522	4,287	1,166	2,267	16	1,350	12	187
DC	2,701	1,140	1,329	366	962	118	4,335	3	2,132	3	294
VA	9,936	1,674	6,074	1,798	4,277	1,491	1,790	37	1,094	30	163
WV	3,428	746	1,909	355	1,555	480	1,745	39	972	37	201
NC	9,707	2,035	5,542	1,296	4,246	1,365	1,596	47	911	43	176
SC	5,248	1,047	2,867	703	2,164	862	1,608	45	878	46	193
GA	11,081	2,432	5,578	1,526	4,052	2,261	1,933	29	973	35	205
FL	17,890	2,782	10,334	3,544	6,791	2,948	1,675	40	968	38	156
E. So. Cent.:											
KY	5,825	1,372	3,299	594	2,705	652	1,568	50	888	45	178
TN	7,381	1,699	3,766	965	2,801	1,294	1,576	49	803	49	178
AL	6,594	1,418	3,193	393	2,800	1,371	1,666	41	806	48	193
MS	4,141	988	1,991	427	1,563	861	1,601	46	769	51	209
W. So. Cent.:											
AR	3,454	835	1,794	377	1,417	500	1,484	51	771	50	178
LA	9,098	1,671	4,663	653	4,010	1,175	2,050	25	1,051	31	204
OK	6,111	1,075	3,704	622	3,082	903	1,853	34	1,123	27	169
TX	27,907	4,107	16,235	5,984	10,251	3,938	1,775	38	1,033	35	160
Mt.:											
MT	1,992	399	963	457	506	171	2,438	7	1,179	20	260
ID	1,616	351	865	236	629	242	1,634	44	875	47	185
WY	2,374	404	1,256	518	738	229	4,620	2	2,443	2	383
CO	6,513	1,009	3,661	1,280	2,381	990	2,075	23	1,166	23	174
NM	3,703	866	1,456	201	1,255	359	2,647	5	1,041	34	296
AZ	5,630	749	3,154	935	2,218	752	1,900	32	1,064	32	193
UT	3,121	622	1,559	455	1,104	399	1,927	30	963	39	226
NV	1,973	294	1,082	208	873	366	2,214	20	1,214	19	187
Pac.:											
WA	9,669	1,732	5,615	1,630	3,986	1,303	2,249	18	1,306	14	197
OR	6,121	1,160	3,270	1,349	1,921	809	2,299	13	1,229	18	224
CA	56,966	10,749	33,655	8,730	24,925	7,216	2,263	17	1,337	13	183
AK	5,686	454	2,351	402	1,949	311	11,871	1	4,908	1	799
HI	2,467	486	1,491	275	1,216	272	2,412	9	1,457	7	213

X Not applicable. [1] Includes miscellaneous revenue, not shown separately. [2] Data for 1975 based on estimated resident population as of July 1; 1970 and 1980–1982 based on enumerated resident population as of April 1, 1970 and 1980, respectively; 1983 based on estimated resident population as of July 1.

1970 TO 1983 AND BY STATE, 1983

here are estimates subject to sampling variation; see source and Appendix III. Data revised since originally published]

DEBT OUTSTANDING			DIRECT GENERAL EXPENDITURE								CAPITAL OUTLAY [4]		YEAR, DIVISION AND STATE
Total	Per capita [2] (dol.)	Rank	Total	Per capita [2] (dol.)	Rank	Education	Highways	Public welfare	Health, hospitals	All other	Total	Per capita [2] (dol.)	
143,570	706	(x)	131,332	646	(x)	52,718	16,427	14,679	9,668	37,840	29,650	146	1970
221,224	1,038	(x)	229,747	1,077	(x)	87,858	22,528	27,191	18,846	73,324	44,824	211	1975
335,603	1,482	(x)	367,340	1,622	(x)	133,211	33,311	45,552	32,174	123,092	62,894	278	1980
363,892	1,606	(x)	405,576	1,790	(x)	145,784	34,603	52,248	36,101	136,840	67,596	295	1981
404,579	1,786	(x)	435,103	1,921	(x)	154,283	34,520	56,216	40,882	149,202	66,802	296	1982
454,501	**1,942**	(x)	**465,079**	**1,988**	(x)	**163,876**	**36,655**	**59,157**	**44,118**	**161,273**	**67,984**	**291**	**U.S., 1983**
													N. Eng.:
1,748	1,525	37	2,028	1,770	34	697	227	360	87	657	221	193	ME.
1,962	2,046	24	1,651	1,721	39	562	206	211	91	580	194	202	NH.
1,052	2,003	25	1,093	2,081	22	413	126	138	60	356	116	221	VT.
13,114	2,274	21	12,150	2,107	20	3,499	670	2,124	1,138	4,719	1,554	269	MA.
2,797	2,928	10	2,074	2,172	15	686	97	363	159	768	153	160	RI.
7,457	2,376	19	6,242	1,989	25	2,102	412	885	424	2,419	594	189	CT.
													Mid. Atl.:
54,240	3,070	9	49,294	2,790	4	14,614	2,864	7,826	4,947	19,044	5,790	328	NY.
17,839	2,389	18	15,582	2,086	21	5,344	1,022	1,901	930	6,385	1,673	224	NJ.
21,348	1,795	30	20,949	1,761	35	7,038	1,712	3,485	1,516	7,197	2,576	217	PA.
													E. No. Cent.:
13,954	1,298	46	19,315	1,797	31	7,132	1,374	2,878	2,010	5,922	2,404	224	OH.
5,303	968	51	8,717	1,591	44	3,594	627	953	952	2,592	1,027	187	IN.
18,679	1,626	32	21,789	1,897	28	7,524	1,831	3,227	1,400	7,806	2,757	240	IL.
13,865	1,529	36	20,296	2,238	9	7,211	1,096	3,576	2,149	6,264	1,634	202	MI.
6,871	1,446	40	10,657	2,156	16	3,885	945	1,667	979	3,181	1,182	249	WI.
													E. No. Cent.:
11,627	2,806	11	9,964	2,404	6	3,362	999	1,476	859	3,268	1,373	331	MN.
2,983	1,027	48	5,857	2,016	24	2,297	722	683	610	1,545	821	283	IA.
5,761	1,159	47	7,352	1,479	49	2,709	684	813	796	2,350	950	191	MO.
1,042	1,532	35	1,519	2,234	11	586	181	123	96	534	233	342	ND.
1,333	1,905	28	1,252	1,789	32	446	195	120	61	430	227	324	SD.
5,270	3,300	7	3,033	1,899	27	1,207	390	295	293	849	634	397	NE.
5,626	2,320	20	4,756	1,961	26	1,810	524	504	403	1,516	761	314	KS.
													So. Atl.:
2,303	3,800	4	1,321	2,181	14	520	131	64	67	539	202	333	DE.
10,658	2,476	17	9,532	2,215	13	3,296	853	1,008	806	3,569	1,467	341	MD.
2,996	4,608	2	2,218	3,560	3	427	69	375	230	1,118	464	745	DC.
7,350	1,324	44	9,490	1,710	40	3,746	883	936	867	3,057	1,232	222	VA.
3,862	1,965	26	3,390	1,725	38	1,279	397	300	304	1,109	505	257	WV.
7,946	1,307	45	9,105	1,497	47	3,785	693	910	1,021	2,695	1,120	184	NC.
5,360	1,642	31	4,726	1,448	50	1,975	259	454	681	1,357	671	205	SC.
8,556	1,493	39	10,239	1,786	33	3,323	928	1,023	1,976	2,989	2,072	362	GA.
15,173	1,421	41	17,565	1,645	42	6,033	1,377	1,244	2,216	6,695	3,657	342	FL.
													E. So. Cent.:
9,375	2,524	15	5,772	1,554	45	2,151	703	763	336	1,819	854	230	KY.
7,508	1,603	33	6,996	1,493	48	2,429	639	731	919	2,278	1,103	235	TN.
6,024	1,521	38	6,605	1,668	41	2,566	640	560	943	1,896	1,040	263	AL.
2,653	1,026	46	4,005	1,548	46	1,427	503	438	648	989	485	188	MS.
													W. So. Cent.:
3,186	1,369	42	3,193	1,372	51	1,264	338	396	334	861	350	150	AR.
11,763	2,650	12	9,404	2,119	19	3,039	1,096	936	1,097	3,236	1,724	388	LA.
5,137	1,558	34	5,783	1,754	36	2,471	582	713	521	1,497	1,026	311	OK.
30,169	1,919	27	27,211	1,731	37	11,836	2,489	1,978	2,692	8,216	5,615	357	TX.
													MT.:
1,477	1,808	29	1,747	2,139	17	700	229	166	95	558	271	332	MT.
987	998	50	1,583	1,600	43	591	190	129	154	519	282	285	ID.
1,789	3,481	6	1,834	3,569	2	697	255	77	178	630	474	921	WY.
6,665	2,123	23	6,354	2,024	23	2,585	574	588	536	2,071	1,218	388	CO.
3,496	2,499	16	3,210	2,295	8	1,269	397	223	261	1,060	639	457	NM.
7,673	2,590	14	5,586	1,885	29	2,335	453	347	388	2,063	1,541	520	AZ.
5,174	3,196	8	3,003	1,855	30	1,359	271	256	180	938	982	601	UT.
2,021	2,268	22	2,085	2,340	7	570	220	116	221	957	457	513	NV.
													Pac.:
16,953	3,943	3	9,152	2,128	18	3,319	992	923	711	3,207	2,801	651	WA.
9,422	3,539	5	5,955	2,237	10	2,243	449	464	360	2,439	750	282	OR.
33,849	1,345	43	55,827	2,218	12	18,226	2,568	8,963	5,092	20,978	6,153	244	CA.
8,454	17,649	1	4,149	8,662	1	986	418	180	141	2,424	1,346	2,809	AK.
2,656	2,596	13	2,466	2,411	5	710	154	290	185	1,128	410	401	HI.

[3] Based on personal income for the previous calendar year. [4] Includes general functions, liquor stores, and utilities.

Source: U.S. Bureau of the Census, *Governmental Finances*, series GF, No. 5, annual.

No. 456. State and Local Governments—General Revenue, Origin, and Allocation, 1960 to 1983, and by State: 1983

[Except for 1982, local government amounts are estimates subject to sampling variation: see source and Appendix III. 1983 data revised since originally published. For composition of regions, see fig. I inside front cover]

Year, region, division, and state	Total general revenue (mil. dol.)	Originating level of government [1]						Final recipient level [2]			
		Revenue (mil. dol.)			Percent			Revenue (mil. dol.)		Percent	
		Federal	State	Local	Federal	State	Local	State	Local	State	Local
1960	50,505	6,974	20,619	22,912	13.8	40.8	45.4	18,081	32,424	35.8	64.2
1965	74,001	11,029	30,610	32,362	14.9	41.4	43.7	26,920	47,081	36.4	63.6
1970	130,756	21,858	57,507	51,392	16.7	43.9	39.3	50,835	79,921	38.8	61.1
1975	228,195	47,054	96,784	84,357	20.6	42.4	37.0	83,543	144,651	36.6	63.4
1978	315,960	69,592	135,638	110,730	22.0	42.9	35.0	124,439	191,521	39.4	60.6
1979	343,278	75,164	150,906	117,209	21.9	44.0	34.1	133,832	209,447	39.0	61.0
1980	382,322	83,029	169,266	130,027	21.7	44.3	34.0	152,303	230,019	39.8	60.2
1981	423,404	90,294	187,374	145,736	21.3	44.3	34.4	169,143	254,261	39.9	60.1
1982	457,654	87,282	205,945	164,426	19.1	45.0	35.9	179,748	277,905	39.3	60.7
1983	**486,753**	**90,007**	**217,752**	**178,994**	**18.5**	**44.7**	**36.8**	**192,102**	**294,651**	**39.5**	**60.5**
Region:											
Northwest	117,959	22,009	50,467	45,481	18.7	42.8	38.6	45,070	72,891	38.2	61.8
Midwest	119,229	21,645	51,883	45,702	18.2	43.5	38.3	47,167	72,064	39.6	60.4
South	141,733	27,074	63,564	51,098	19.1	44.8	36.1	58,834	82,903	41.5	58.5
West	107,831	19,275	51,844	36,710	17.9	48.1	34.0	41,035	66,800	38.1	61.9
N.E	**26,810**	**5,469**	**12,877**	**8,462**	**20.4**	**48.0**	**31.6**	**13,459**	**13,352**	**50.2**	**49.8**
ME	2,072	482	1,010	579	23.3	48.7	28.0	1,149	923	55.5	44.5
NH	1,586	316	586	684	20.0	36.9	43.1	743	843	46.9	53.1
VT	1,085	276	529	280	25.5	48.8	25.8	682	403	62.9	37.1
MA	13,180	2,884	6,298	3,998	21.9	47.8	30.3	6,151	7,030	46.7	53.3
RI	2,215	475	1,156	584	21.4	52.2	26.4	1,323	892	59.7	40.3
CT	6,672	1,036	3,298	2,337	15.5	49.4	35.0	3,411	3,261	51.1	48.9
M.A	**91,149**	**16,540**	**37,590**	**37,019**	**18.1**	**41.2**	**40.6**	**31,611**	**59,539**	**34.7**	**65.3**
NY	51,593	9,295	19,296	23,002	18.0	37.4	44.6	15,197	36,396	29.5	70.5
NJ	16,675	2,516	8,088	6,071	15.1	48.5	36.4	6,738	9,938	40.4	59.6
PA	22,881	4,729	10,206	7,946	20.7	44.6	34.7	9,676	13,205	42.3	57.7
E.N.C	**83,918**	**15,432**	**36,047**	**32,438**	**18.4**	**43.0**	**38.7**	**32,650**	**51,268**	**38.9**	**61.1**
OH	19,690	3,334	8,672	7,683	16.9	44.0	39.0	7,223	12,467	36.7	63.3
IN	8,958	1,631	4,134	3,193	18.2	46.2	35.6	3,454	5,504	38.6	61.4
IL	23,067	4,438	8,971	9,658	19.2	38.9	41.9	8,568	14,499	37.1	62.9
MI	21,349	4,069	9,030	8,250	19.1	42.3	38.6	9,484	11,865	44.4	55.6
WI	10,854	1,960	5,240	3,654	18.1	48.3	33.7	3,921	6,933	36.1	63.9
W.N.C	**35,311**	**6,213**	**15,836**	**13,264**	**17.6**	**44.8**	**37.6**	**14,517**	**20,796**	**41.1**	**58.9**
MN	10,664	1,766	5,332	3,567	16.6	50.0	33.4	4,230	6,434	39.7	60.3
IA	5,731	956	2,511	2,264	16.7	43.8	39.5	2,203	3,528	38.4	61.6
MO	7,862	1,544	3,303	3,015	19.6	42.0	38.4	3,355	4,507	42.7	57.3
ND	1,576	310	882	384	19.7	55.9	24.4	846	730	53.7	46.3
SD	1,311	324	550	438	24.7	41.9	33.4	671	641	51.1	48.9
NE	3,314	536	1,317	1,461	16.2	39.8	44.1	1,351	1,963	40.8	59.2
KS	4,853	777	1,941	2,135	16.0	40.0	44.0	1,861	2,993	38.3	61.7
S.A	**71,222**	**13,910**	**31,037**	**26,277**	**19.5**	**43.6**	**36.9**	**28,344**	**42,879**	**39.8**	**60.2**
DE	1,475	270	950	255	18.3	64.5	17.3	942	533	63.9	36.1
MD	9,757	1,784	4,574	3,399	18.3	46.9	34.8	4,329	5,428	44.4	55.6
DC	2,701	1,140	(x)	1,561	42.2	(x)	57.8	(x)	2,701	(x)	100.0
VA	9,936	1,674	4,847	3,415	16.9	48.8	34.4	4,548	5,389	45.8	54.2
WV	3,428	746	1,819	864	21.8	53.0	25.2	1,778	1,651	51.8	48.2
NC	9,706	2,035	4,852	2,820	21.0	50.0	29.1	4,176	5,530	43.0	57.0
SC	5,248	1,047	2,757	1,443	20.0	52.5	27.5	2,813	2,434	53.6	46.4
GA	11,081	2,432	4,144	4,505	21.9	37.4	40.7	4,345	6,736	39.2	60.8
FL	17,990	2,782	7,094	8,015	15.5	39.7	44.8	5,413	12,477	30.3	69.7
E.S.C	**23,941**	**5,477**	**11,325**	**7,139**	**22.9**	**47.3**	**29.8**	**11,515**	**12,427**	**48.1**	**51.9**
KY	5,825	1,372	3,351	1,102	23.6	57.5	18.9	3,317	2,508	56.9	43.1
TN	7,381	1,699	2,859	2,824	23.0	38.7	38.3	3,118	4,263	42.2	57.8
AL	6,594	1,418	3,181	1,995	21.5	48.2	30.3	3,243	3,352	49.2	50.8
MS	4,141	988	1,934	1,218	23.9	46.7	29.4	1,837	2,304	44.4	55.6
W.S.C	**46,570**	**7,687**	**21,202**	**17,682**	**16.5**	**45.5**	**38.0**	**18,975**	**27,597**	**40.7**	**59.3**
AR	3,454	835	1,645	975	24.2	47.6	28.2	1,722	1,733	49.8	50.2
LA	9,098	1,670	4,438	2,989	18.4	48.8	32.9	4,100	4,998	45.1	54.9
OK	6,111	1,075	3,337	1,700	17.6	54.6	27.8	3,047	3,065	49.9	50.1
TX	27,907	4,107	11,782	12,018	14.7	42.2	43.1	10,106	17,801	36.2	63.8
Mt	**26,922**	**4,694**	**12,059**	**10,170**	**17.4**	**44.8**	**37.8**	**10,447**	**16,478**	**38.8**	**61.2**
MT	1,992	399	787	806	20.0	39.5	40.5	881	1,111	44.2	55.8
ID	1,616	351	788	477	21.7	48.7	29.5	775	842	47.9	52.1
WY	2,374	404	1,033	938	17.0	43.5	39.5	1,008	1,367	42.4	57.6
CO	6,513	1,009	2,447	3,057	15.5	37.6	46.9	2,078	4,434	31.9	68.1
NM	3,703	866	2,165	672	23.4	58.5	18.1	2,018	1,685	54.5	45.5
AZ	5,690	749	2,534	2,348	13.3	45.0	41.7	1,669	3,962	29.6	70.4
UT	3,121	622	1,392	1,107	19.9	44.6	35.5	1,355	1,766	43.4	56.6
NV	1,973	294	913	765	14.9	46.3	38.8	663	1,311	33.6	66.4
Pac	**80,909**	**14,581**	**39,785**	**26,540**	**18.0**	**49.2**	**32.8**	**30,588**	**50,322**	**37.8**	**62.2**
WA	9,669	1,732	4,960	2,977	17.9	51.3	30.8	4,256	5,413	44.0	56.0
OR	6,121	1,160	2,695	2,265	19.0	44.0	37.0	2,610	3,511	42.6	57.4
CA	56,966	10,749	26,104	20,112	18.9	45.8	35.3	17,743	39,224	31.1	68.9
AK	5,686	454	4,485	746	8.0	78.9	13.1	4,080	1,606	71.8	28.2
HI	2,467	486	1,541	440	19.7	62.5	17.8	1,899	568	77.0	23.0

X Not applicable. [1] Before intergovernmental transfers. [2] After intergovernmental transfers.

Source: U.S. Bureau of the Census, *Governmental Finances*, series GF No. 5, annual, and *1982 Census of Governments*, Vol. 4, No. 5, *Compendium of Government Finances* (GC82(4)-5).

No. 457. New Issues of Long-Term State and Local Government Securities: 1970 to 1983

[**In billions of dollars.** Beginning 1982, includes outlying areas, except as indicated]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983
All issues, new capital and refunding	18.2	30.6	46.8	48.6	43.5	48.5	47.7	[1] 79.0	[1] 85.1
General obligations	11.9	16.0	18.0	17.9	12.1	14.1	12.4	21.1	21.5
Revenue	6.1	14.5	28.7	30.7	31.3	34.3	35.3	58.0	63.6
Type of issuer: [1]									
State	4.2	7.4	6.4	6.6	4.3	5.3	5.3	7.9	6.8
Special district and statutory authority	5.6	12.4	21.7	24.2	23.4	27.0	27.5	43.3	48.6
Municipalities, counties, townships [2]	8.4	10.7	18.6	17.7	15.6	16.1	14.9	25.4	27.3
Issues for new capital, total	18.1	29.5	36.2	37.6	41.5	46.7	46.5	74.8	71.1
Use of proceeds:									
Education	5.0	4.7	5.1	4.9	5.2	4.6	4.6	6.5	8.2
Transportation	3.2	2.2	2.9	3.5	2.4	2.6	3.4	6.3	4.4
Roads, bridges	1.5	1.3	1.6	1.3	1.1	1.1	.9	1.7	1.3
Utilities and conservation	3.5	5.5	8.1	9.0	8.5	8.0	10.2	14.3	13.5
Electric and gas	.9	1.9	3.4	4.5	3.5	3.4	6.3	7.1	6.3
Social welfare	1.2	3.9	7.9	9.7	15.7	19.4	12.1	25.6	25.4
Public housing	.5	1.2	3.8	5.6	12.1	15.5	5.9	14.9	17.4
Industrial aid	.1	.4	2.1	.9	1.7	1.7	3.4	2.9	3.8
Other	5.1	12.8	10.1	9.6	8.0	10.4	12.8	19.2	16.0

[1] Excludes outlying areas. [2] Includes school districts.

Source: Public Securities Association, New York, NY, *Statistical Yearbook of Municipal Finances.*

No. 458. State and Local Governments—Indebtedness and Debt Transactions: 1970 to 1983

[**In billions of dollars, except per capita.** As of end of fiscal year. Local government amounts are estimates subject to sampling variation; see source and Appendix III. See *Historical Statistics, Colonial Times to 1970,* series Y 680, Y 747, and Y 794, for debt outstanding]

ITEM	DEBT OUTSTANDING						LONG-TERM		
	Total	Per capita [1] (dol.)	Long-term			Short-term	Net long-term	Debt issued	Debt retired
			Local [2] schools	Utilities [3]	All other				
1970: Total	143.6	704	31.5	19.6	80.3	12.2	121.7	12.8	7.0
State	42.0	206	3.0	(NA)	35.9	3.1	34.5	3.9	1.9
Local	101.6	498	28.6	19.6	44.4	9.1	87.3	8.9	5.1
1975: Total	219.9	1,032	40.5	30.0	129.6	19.8	183.4	21.1	10.9
State	72.1	338	3.9	(NA)	63.7	4.6	58.4	8.4	2.9
Local	147.7	693	36.6	30.0	65.9	15.2	125.0	12.7	8.0
1980: Total	335.6	1,482	32.3	55.2	235.0	13.1	262.9	42.4	17.4
State	122.0	540	3.8	4.6	111.5	2.1	79.8	16.4	5.7
Local	213.6	942	28.5	50.6	123.5	11.0	183.1	25.9	11.7
1983: Total	454.5	1,942	41.7	74.5	319.7	18.6	334.0	72.5	26.9
State	167.3	715	6.1	6.1	152.5	2.6	94.8	30.3	10.3
Local	287.2	1,227	35.6	68.4	167.2	16.0	239.2	42.2	16.6

NA Not available. [1] 1975 based on estimated resident population as of July 1; 1970 and 1980 based on enumerated resident population as of April 1, 1983 based on July; estimated resident population. [2] Includes debt for education activities other than higher education. [3] Beginning 1980, data for State governments classified as "utility," rather than in "All other."

Source: U.S. Bureau of the Census, *Governmental Finances,* series GF No. 5, annual, and unpublished data.

No. 459. State and Local Governments—Cash and Security Holdings by Purpose and Type of Asset: 1983

[**In millions of dollars except per capita.** For fiscal year]

ITEM	TOTAL		State	ITEM	TOTAL		State
	Amount	Per capita [1]			Amount	Per capita [1]	
Total	**585,848**	**2,504**	**391,224**	Workers' compensation	13,169	56	13,169
Insurance systems	305,728	1,307	246,022	Other	459	2	459
By type of holding:				Other than insurance trust systems	280,120	1,197	145,202
Unemployment compensation fund balance [2]	5,009	21	4,999	By type of holding:			
Other cash and deposits	9,168	39	6,304	Cash and deposits	107,417	459	32,795
Securities	291,551	1,246	234,719	Securities	172,702	738	112,407
Federal	73,500	314	59,095	Federal	61,827	264	31,459
U.S. Treasury	47,619	204	36,929	U.S. Treasury	57,396	245	28,301
Federal agency	25,881	111	22,166	Federal agency	4,430	19	3,158
State and local securities	4,001	17	2,278	State and local	5,736	25	4,915
Other	214,050	915	173,345	Other	105,140	449	76,032
By purpose of holding:				By purpose of holding:			
Unemployment comp	4,818	21	4,810	Long term debt offsets	101,989	436	69,915
Employee retirement	287,282	1,228	227,584	Bond funds	38,570	165	11,243
				Other	139,561	596	64,043

[1] Based on estimated resident population as of July 1. [2] In U.S. Treasury.

Source. U.S. Bureau of the Census, *Governmental Finances in 1982-83,* series GF No. 5.

No. 460. State Governments—Summary of Finances: 1970 to 1983

[1983 data revised since originally published. See also *Historical Statistics, Colonial Times to 1970*, series Y 710–782]

ITEM	TOTAL (mil. dol.)						PER CAPITA [1]	
	1970	1975	1980	1981	1982	1983	1970	1983
Borrowing and revenue	**93,463**	**166,696**	**293,356**	**329,213**	**351,172**	**387,057**	**$461**	**$1,659**
Borrowing	4,524	9,663	16,394	18,385	20,273	29,397	22	126
Revenue	88,939	157,033	276,962	310,828	330,899	357,660	439	1,533
General revenue	77,755	134,611	233,592	258,159	275,111	290,480	384	1,245
Taxes	47,962	80,155	137,075	149,738	162,607	171,440	237	735
Sales and gross receipts	27,254	43,346	67,855	72,751	78,789	83,895	135	360
General	14,177	24,780	43,168	46,412	50,357	53,639	70	230
Motor fuels	6,283	8,255	9,722	9,734	10,473	10,793	31	46
Alcoholic beverages	1,420	1,963	2,478	2,613	2,722	2,743	7	12
Tobacco products	2,308	3,286	3,738	3,893	3,955	4,001	11	17
Other	3,065	5,061	8,750	10,099	11,282	12,719	15	55
Licenses	4,615	6,289	8,690	9,492	10,106	10,658	23	46
Motor vehicles	2,728	3,655	4,936	5,266	5,549	5,784	13	25
Corporations in general	764	1,041	1,388	1,612	1,761	1,848	4	8
Other	1,123	1,592	2,366	2,614	2,796	3,026	6	13
Individual income	9,183	18,819	37,089	40,895	45,668	49,789	45	213
Corporation net income	3,738	6,642	13,321	14,143	14,002	13,153	18	56
Property	1,092	1,451	2,892	2,949	3,116	3,281	6	14
Other	2,081	3,607	7,227	9,506	10,926	10,666	10	46
Charges and miscellaneous	9,545	16,629	32,190	37,636	43,338	46,312	47	198
Intergovernmental revenue	20,248	37,827	64,326	70,786	69,166	72,728	100	312
From Federal Government	19,252	36,148	61,892	67,868	66,026	68,985	95	296
Public welfare	7,818	14,247	24,680	28,892	31,510	32,949	39	141
Education	4,554	7,879	12,765	14,100	13,149	13,208	23	57
Highways	4,431	5,260	8,860	9,369	8,304	8,927	22	38
Other	2,450	8,761	15,587	15,507	13,063	13,901	12	60
From local governments	995	1,680	2,434	2,918	3,139	3,742	5	16
Liquor stores revenue	1,748	2,129	2,765	2,805	2,854	2,819	9	12
Insurance trust revenue [2]	9,437	20,293	39,301	48,041	50,848	61,971	47	266
Employee retirement	5,205	10,182	21,146	25,122	29,035	35,236	26	151
Unemployment compensation	3,090	5,712	13,468	18,443	16,854	21,480	15	92
Utility revenue [3]	(NA)	(NA)	1,304	1,823	2,085	2,390	(NA)	10
Expenditure and debt redemption	**87,151**	**161,804**	**263,494**	**297,465**	**317,548**	**345,593**	**430**	**1,481**
Debt redemption	2,096	2,922	5,682	5,938	7,190	11,574	10	50
Expenditure	85,055	158,882	257,812	291,527	310,358	334,019	420	1,431
General expenditure [4]	77,642	138,303	228,223	253,654	269,490	285,042	384	1,221
Education	30,865	54,012	87,939	96,921	102,984	107,703	152	462
Public welfare	13,206	25,559	44,219	51,463	55,257	57,544	65	247
Highways	13,483	17,483	25,044	25,439	25,131	26,431	67	113
Health and hospitals	5,355	10,158	17,855	20,593	22,284	23,926	26	103
State hospitals	3,941	6,891	11,015	12,360	13,681	14,663	19	63
Other hospitals and health	1,415	3,267	6,840	8,233	8,603	9,263	7	40
Corrections	1,104	2,203	4,449	5,093	5,889	6,743	5	29
Natural resources	2,223	3,554	4,346	5,008	5,485	5,834	11	25
General control	717	1,496	3,232	3,419	3,909	4,271	4	18
Financial administration	1,032	1,792	3,031	3,331	3,735	4,206	5	18
Police protection	741	1,423	2,263	2,558	2,730	3,002	4	13
Employment security	767	1,509	2,001	2,269	2,278	2,464	4	11
Housing and community development	120	632	601	688	778	1,003	1	4
Misc. and unallocable	8,029	18,483	33,242	38,871	39,027	41,915	40	180
Liquor stores expenditure	1,404	1,719	2,206	2,305	2,408	2,381	7	10
Insurance trust expenditure [2]	6,010	18,860	24,981	32,221	34,730	42,180	30	181
Employee retirement	2,376	5,160	10,256	11,419	13,133	14,204	12	61
Unemployment compensation	2,713	12,245	12,006	17,846	18,027	24,068	13	103
Utility expenditure [3]	(NA)	(NA)	2,401	3,347	3,730	4,417	(NA)	19
By character and object:								
Intergovernmental expenditure	28,892	51,978	84,504	93,180	98,743	100,887	143	432
Direct expenditure	56,163	106,905	173,307	198,348	211,615	232,710	277	997
Current operation	30,971	60,793	108,131	122,794	133,152	144,018	153	617
Capital outlay	13,295	17,307	23,325	24,286	23,466	23,351	66	100
Construction	11,185	14,443	19,736	20,632	19,560	18,616	55	80
Land and existing structures	1,240	1,475	1,345	1,152	1,316	1,508	6	6
Equipment	870	1,389	2,243	2,502	2,590	3,228	4	14
Assistance and subsidies	4,387	6,673	9,818	10,889	10,867	11,452	22	49
Interest on debt	1,499	3,272	7,052	8,157	9,400	11,709	7	50
Insurance benefits and repayments	6,010	18,860	24,981	32,221	34,730	42,180	30	181
Debt outstanding, yearend	**42,008**	**72,127**	**121,958**	**134,847**	**147,470**	**167,290**	**208**	**717**
Long-term	38,903	67,548	119,821	132,521	143,702	164,695	192	706
Full faith and credit	17,736	33,736	49,364	52,582	51,507	55,078	88	236
Nonguaranteed	21,167	33,812	70,457	79,940	92,195	109,617	105	470
Short-term	3,104	4,579	2,137	2,325	3,768	2,595	15	11
Net long-term	34,478	58,388	79,810	81,538	87,047	94,779	170	406
Full faith and credit only	14,832	29,503	39,357	41,429	39,766	41,442	73	178

NA Not available. [1] Based on estimated resident population as of July 1. [2] Includes other items not shown separately. [3] For 1970 and 1975, utility revenue and expenditure were not compiled separately and are included with general revenue and expenditure. [4] Intergovernmental and direct.

Source: U.S. Bureau of the Census, *Census of Governments: 1977* and *1982*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *State Government Finances*, series GF No. 3, annual.

NO. 461. STATE GENERAL OPERATING FUND RESOURCES AND EXPENDITURES: 1984 TO 1986

[**In millions of dollars, except percent.** Fiscal year data. General operating funds exclude special funds earmarked for particular purposes, such as highway trust funds; they support most on-going broad-based State services, as opposed to long-term State capital projects and are available for appropriation to support any governmental activity. Minus sign (–) indicates deficit]

STATE	GENERAL FUND RESOURCES [1]			EXPENDITURES [3]			BALANCE [4]					
							Total			As percent of expenditures		
	1984	1985 [2]	1986 [2]	1984	1985 [2]	1986 [2]	1984	1985 [2]	1986 [2]	1984	1985 [2]	1986 [2]
United States	**179,974**	**200,731**	**210,775**	**167,149**	**186,269**	**198,842**	**5,579**	**5,441**	**4,230**	**3.3**	**2.9**	**2.1**
Alabama	2,237	2,691	2,732	1,964	2,399	2,727	274	292	5	14.0	12.2	.2
Alaska	3,450	3,605	3,094	2,926	3,585	3,094	224	–280	–	7.7	–7.8	–
Arizona	1,858	2,158	2,366	1,846	2,154	2,343	12	1	19	.7	.1	.8
Arkansas	1,262	1,573	1,672	1,262	1,573	1,672	–	–	–	–	–	–
California	[5] 22,885	[5] 27,080	[5] 29,466	22,869	25,837	28,363	[5] 491	[5] 1,265	[5] 1,054	2.2	4.9	3.7
Colorado	[5] 1,738	[5] 1,892	[5] 2,001	1,707	1,784	1,904	[5] 31	[5] 49	[5] 98	1.8	2.8	5.2
Connecticut	3,792	3,832	4,011	3,627	3,658	4,011	–	–	–	–	–	–
Delaware	780	936	989	721	797	944	58	134	42	8.0	16.8	4.5
Florida	5,845	6,279	6,763	5,749	6,271	6,758	96	8	4	1.7	.1	.1
Georgia	3,988	4,364	4,838	3,926	4,364	4,838	62	–	–	1.6	–	–
Hawaii	1,494	1,608	1,705	1,389	1,499	1,568	105	109	136	7.6	7.3	8.7
Idaho	497	561	586	483	559	588	9	–	–2	1.9	–	–.3
Illinois	9,307	9,670	10,101	8,878	9,336	9,795	217	274	274	2.4	2.9	2.8
Indiana	3,095	3,466	3,440	2,711	3,107	3,155	102	19	47	3.8	.6	1.5
Iowa	1,986	2,092	2,197	1,978	2,092	2,196	–	–	–	–	–	–
Kansas	1,600	1,777	1,863	1,517	1,639	1,738	83	137	125	5.5	8.4	7.2
Kentucky	2,468	2,546	2,663	2,427	2,493	2,650	41	–	13	1.7	–	.5
Louisiana	3,969	4,210	4,271	3,915	4,209	4,276	53	1	–	1.4	–	–
Maine	789	870	932	756	862	927	17	6	3	2.3	.7	.3
Maryland	3,451	3,801	4,101	3,433	3,790	4,087	18	11	14	.5	.3	.3
Massachusetts	5,020	5,502	5,867	4,900	5,236	5,626	19	102	39	.4	2.0	.7
Michigan	5,631	5,854	5,871	5,337	5,464	5,692	284	41	3	5.3	.8	.1
Minnesota	[5] 5,137	[5] 5,687	[5] 5,548	4,560	4,865	4,903	[5] 374	[5] 583	[5] 426	8.2	12.0	8.7
Mississippi	1,348	1,436	1,594	1,337	1,400	1,583	11	36	1	.8	2.6	.1
Missouri	2,556	2,912	3,060	2,357	2,575	2,994	199	159	66	8.4	6.2	2.2
Montana	396	400	399	353	378	360	35	22	39	9.9	5.8	10.8
Nebraska	797	827	844	752	851	828	45	–24	16	6.0	–2.8	1.9
Nevada	486	562	525	404	515	475	82	48	50	20.3	9.3	10.5
New Hampshire	369	431	423	368	385	422	1	19	1	.3	4.9	.2
New Jersey	7,175	8,385	8,787	6,597	7,784	8,597	578	602	190	8.8	7.7	2.2
New Mexico	[5] 1,426	[5] 1,479	[5] 1,502	1,272	1,369	1,392	[5] 154	[5] 110	[5] 109	12.1	8.0	7.8
New York	[5] 18,822	[5] 21,137	[5] 22,834	17,620	19,535	21,448	[5] 51	[5] 102	[5] 153	.3	.5	.7
North Carolina	4,030	4,531	5,042	3,776	4,517	4,830	255	15	212	6.8	.3	4.4
North Dakota	575	683	639	478	543	545	110	140	94	23.0	25.8	17.3
Ohio	8,082	9,287	9,898	7,776	8,661	9,544	95	298	345	1.2	3.4	3.6
Oklahoma	1,601	1,829	2,022	1,556	1,676	2,022	6	88	–	.4	5.3	–
Oregon	1,563	1,724	1,661	1,519	1,581	1,563	44	143	98	2.9	9.0	6.3
Pennsylvania	8,067	8,864	9,116	7,991	8,559	9,107	76	305	9	1.0	3.6	.1
Rhode Island	939	1,022	1,034	902	993	1,028	32	29	6	3.6	2.9	.6
South Carolina	2,246	2,458	2,581	2,111	2,458	2,553	55	–	2	2.6	–	.1
South Dakota	326	329	351	287	324	346	5	5	5	1.7	1.5	1.5
Tennessee	2,084	2,657	2,713	1,911	2,459	2,577	147	97	53	7.7	3.9	2.1
Texas	9,318	10,918	10,967	4,994	5,677	5,478	79	15	40	1.6	.3	.7
Utah	1,154	1,289	1,298	1,073	1,289	1,298	81	–	–	7.6	–	–
Vermont	303	342	389	339	361	386	–36	–19	3	–10.6	–5.3	.8
Virginia	3,538	3,926	4,120	2,846	3,926	4,118	81	–	2	2.9	–	.1
Washington	4,060	4,176	4,643	3,927	4,175	4,639	134	–	4	3.4	–	.1
West Virginia	1,498	1,633	1,572	1,356	1,575	1,558	142	58	14	10.5	3.7	.9
Wisconsin	4,394	4,927	5,200	4,011	4,584	4,938	360	342	262	9.0	7.5	5.3
Wyoming	542	513	482	355	346	358	187	99	156	52.7	28.6	43.6

– Represents zero. [1] Includes funds budgeted, adjustments, and balances from previous year. [2] Estimates. [3] Does not include transfers (plus or minus). [4] Resources, less expenditures and transfers. [5] Includes budget stabilization ("rainy day") funds.

Source: National Governor's Association and National Association of State Budget Officers, Washington, DC, *Fiscal Survey of the States*, annual (copyright).

No. 462. State Governments—Revenue,

[In millions of dollars, except as indicated.

Year, division, and state	Total revenue[1]	General revenue								Debt outstanding
		Total		Per capita[2]		Intergovernmental revenue		Taxes	Charges and miscellaneous	
		Amount	Rank	Total (dol.)	Rank	From Federal Government	From local governments			Total
1970	88,939	77,755	(X)	384	(X)	19,252	995	47,962	9,545	42,008
1975	157,033	134,611	(X)	634	(X)	36,148	1,680	80,155	16,629	72,127
1980	276,962	233,592	(X)	1,034	(X)	61,892	2,434	137,075	32,190	121,958
1982	330,899	275,111	(X)	1,218	(X)	66,026	3,139	162,607	43,338	147,470
U.S., 1983	**357,667**	**290,480**	(X)	**1,245**	(X)	**68,985**	**3,742**	**171,440**	**46,312**	**167,290**
N. Eng:										
ME	1,685	1,435	41	1,252	24	407	17	780	230	1,073
NH	1,167	875	48	913	47	267	23	329	256	1,532
VT	900	768	50	1,502	11	255	4	358	171	765
MA	9,383	8,455	10	1,466	12	1,943	214	5,156	1,142	7,888
RI	1,835	1,562	40	1,636	8	393	13	726	430	2,226
CT	4,707	4,159	26	1,325	20	857	3	2,538	760	5,236
Mid. Atl:										
NY	35,851	27,895	2	1,579	9	7,148	1,452	16,178	3,118	27,765
NJ	12,604	10,281	8	1,377	17	1,994	200	6,128	1,960	10,306
PA	17,777	13,719	4	1,153	29	3,459	55	8,430	1,775	6,497
E. No. Cent:										
OH	17,682	11,294	7	1,051	39	2,484	138	6,734	1,938	6,095
IN	6,166	5,420	19	989	45	1,272	14	3,196	938	1,208
IL	15,120	12,037	6	1,048	41	2,991	76	7,420	1,551	7,862
MI	16,097	12,479	5	1,376	18	3,091	358	7,023	2,007	4,669
WI	8,545	6,925	11	1,458	13	1,657	29	4,297	943	3,210
W. No. Cent:										
MN	8,074	6,841	12	1,651	7	1,421	87	4,319	1,012	2,761
IA	4,106	3,324	29	1,144	30	776	37	2,014	497	594
MO	5,319	4,503	22	906	48	1,176	25	2,640	683	2,251
ND	1,330	1,157	45	1,702	6	261	14	526	356	382
SD	961	820	49	1,171	28	261	9	325	225	791
NE	1,881	1,779	39	1,114	33	430	32	987	330	387
KS	2,990	2,548	34	1,051	40	596	11	1,566	376	379
So. Atl:										
DE	1,315	1,166	44	1,923	4	212	3	639	311	1,562
MD	6,598	6,003	17	1,395	14	1,394	35	3,468	1,106	4,662
VA	7,540	6,270	15	1,130	31	1,350	73	3,553	1,293	2,666
WV	3,202	2,436	35	1,239	25	612	5	1,470	348	1,676
NC	7,662	6,509	13	1,070	37	1,580	97	4,028	823	1,623
SC	4,598	3,642	27	1,116	32	863	22	2,113	645	3,154
GA	6,992	6,064	16	1,058	38	1,903	17	3,504	640	1,844
FL	10,569	9,057	9	848	50	1,885	78	6,225	869	3,567
E. So. Cent:										
KY	5,364	4,523	21	1,218	26	1,159	13	2,602	749	3,031
TN	4,783	4,175	25	891	49	1,287	29	2,246	612	1,797
AL	5,250	4,405	23	1,113	34	1,201	24	2,341	839	2,340
MS	3,346	2,783	33	1,076	36	838	11	1,538	396	908
W. So. Cent:										
AR	2,739	2,355	36	1,012	44	706	4	1,338	307	651
LA	6,947	5,767	18	1,299	22	1,319	10	3,029	1,409	5,244
OK	4,805	4,245	24	1,287	23	889	20	2,623	714	1,331
TX	17,400	14,938	3	950	46	3,148	8	9,019	2,763	3,029
Mt:										
MT	1,400	1,133	46	1,386	16	337	8	514	273	512
ID	1,349	1,083	47	1,095	35	292	3	620	168	448
WY	1,597	1,396	42	2,716	2	360	3	736	297	581
CO	4,203	3,253	30	1,036	43	797	9	1,752	695	1,151
NM	3,343	2,915	32	2,084	3	723	28	1,166	999	1,076
AZ	3,969	3,104	31	1,048	42	492	78	2,060	473	559
UT	2,442	1,930	38	1,192	27	526	12	974	418	1,070
NV	1,696	1,166	43	1,308	21	240	12	779	134	757
Pac:										
WA	8,353	6,483	14	1,508	10	1,420	103	4,191	769	2,527
OR	4,696	3,601	28	1,353	19	864	42	1,784	912	6,589
CA	43,768	34,972	1	1,389	15	8,686	182	22,260	3,845	12,071
AK	5,247	4,871	20	10,169	1	385	-	2,046	2,439	4,665
HI	2,308	1,937	37	1,693	5	394	2	1,151	390	2,320

- Represents zero. X Not applicable. [1] Includes liquor stores, utilities, and insurance trust activities, not shown separately. [2] 1970 and 1982 based on enumerated resident population as of April 1, 1970, and 1980 respectively. 1980 based on provisional 1980 estimate as of April 1; 1975 and 1983 based on estimated resident population as of July 1.

DEBT, AND EXPENDITURE 1970 TO 1983, AND BY STATE: 1983

For fiscal year, see text p. 259. 1983 data revised since originally published]

DEBT OUTSTANDING—Con.		Total expenditure [1]	GENERAL EXPENDITURES								YEAR, DIVISION AND STATE
			Total [3]			Selected functions					
Per capita [2]			Amount	Per capita [2]		Education	Public welfare	Highways	Health and hospitals	Natural resources	
Total (dol.)	Rank			Total (dol.)	Rank						
207	(x)	85,055	77,642	383	(x)	30,865	13,206	13,483	5,355	2,223	1970
340	(x)	158,882	138,303	651	(x)	54,012	25,559	17,483	10,158	3,554	1975
540	(x)	257,812	228,223	1,010	(x)	87,939	44,220	25,044	17,855	4,346	1980
653	(x)	310,358	269,490	1,193	(x)	102,984	55,257	25,131	22,284	5,485	1982
717	(x)	**334,019**	**285,042**	**1,221**	(x)	**107,703**	**57,544**	**26,431**	**23,926**	**5,834**	**U.S., 1983.**
											N. Eng.:
936	17	1,671	1,434	1,251	23	463	361	163	78	48	ME.
1,597	7	1,109	913	952	45	226	165	143	87	15	NH.
1,457	9	890	803	1,529	8	267	144	93	58	27	VT.
1,368	11	9,332	8,305	1,440	13	1,886	2,195	444	827	49	MA.
2,330	4	1,708	1,476	1,546	7	441	377	59	158	10	RI.
1,669	6	4,427	3,833	1,221	27	1,075	842	268	394	37	CT.
											Mid. Alt.:
1,572	8	31,921	26,578	1,504	9	7,944	6,929	1,404	2,697	164	NY.
1,380	10	11,764	9,735	1,304	20	2,896	1,874	643	641	144	NJ.
546	32	16,733	12,874	1,082	35	4,127	3,513	1,382	1,194	210	PA.
											E. No. Cent.:
567	30	15,901	11,933	1,110	31	4,631	2,698	1,103	1,283	132	OH.
221	47	5,843	5,211	951	46	2,385	837	547	379	98	IN.
685	23	15,004	12,269	1,068	37	4,262	3,193	1,255	790	139	IL.
515	33	14,789	12,150	1,340	17	3,816	3,536	879	1,332	147	MI.
676	24	7,633	6,957	1,464	11	2,477	1,536	478	439	133	WI.
											W. No. Cent.:
666	25	6,496	5,826	1,406	15	2,058	1,197	600	401	164	MN.
205	48	4,157	3,624	1,248	24	1,575	630	497	301	78	IA.
453	37	4,780	4,326	870	48	1,753	806	496	397	106	MO.
562	31	1,302	1,201	1,767	5	498	117	149	91	44	ND.
1,130	14	859	819	1,170	30	242	115	128	49	44	SD.
243	46	1,807	1,722	1,078	36	606	285	272	170	69	NE.
156	51	2,864	2,542	1,048	42	1,125	489	298	212	76	KS.
											So. Atl.:
2,578	2	1,072	989	1,632	6	423	64	114	67	23	DE.
1,083	15	6,921	5,969	1,387	16	1,797	1,024	760	691	103	MD.
480	34	6,747	6,098	1,099	33	2,436	864	779	707	64	VA.
853	18	3,046	2,368	1,205	28	981	298	367	160	62	WV.
267	45	7,232	6,428	1,057	39	3,124	851	625	579	152	NC
966	16	4,229	3,296	1,010	43	1,545	453	271	359	80	SC.
322	43	6,563	6,013	1,049	41	2,561	1,011	778	520	135	GA.
334	42	9,874	9,145	856	50	4,077	1,142	956	895	338	FL.
											E. So. Cent.:
816	20	5,165	4,549	1,225	26	1,847	749	641	255	118	KY.
384	39	4,578	4,062	867	49	1,651	695	520	372	70	TN.
591	28	5,220	4,638	1,171	29	2,197	553	514	463	94	AL.
351	41	3,132	2,746	1,061	38	1,140	425	356	220	94	MS.
											W. So. Cent.:
280	44	2,488	2,254	968	44	945	392	292	172	68	AR.
1,182	12	7,431	6,294	1,418	14	2,293	918	824	620	205	LA.
404	38	4,772	4,133	1,253	22	1,956	720	490	375	81	OK.
193	49	15,796	14,115	898	47	7,442	1,924	1,565	1,200	246	TX.
											MT.:
626	27	1,263	1,057	1,294	21	384	152	168	69	65	MT.
453	36	1,245	1,038	1,050	40	423	121	160	66	55	ID.
1,131	13	1,263	1,074	2,090	2	332	75	204	53	46	WY.
367	40	4,062	3,486	1,110	31	1,573	587	323	299	79	CO.
769	21	2,692	2,524	1,804	4	1,099	218	325	191	49	NM.
189	50	3,589	3,215	1,085	34	1,553	266	373	182	51	AZ.
661	26	2,304	2,007	1,240	25	1,029	253	196	150	54	UT.
850	19	1,570	1,191	1,337	18	460	109	164	53	20	NV.
											Pac.:
588	29	7,908	6,400	1,488	10	2,993	936	717	407	192	WA.
2,475	3	4,356	3,536	1,329	19	1,131	444	344	254	114	OR.
480	35	42,493	36,488	1,449	12	13,921	10,000	1,836	2,274	962	CA.
9,740	1	3,836	3,422	7,145	1	924	173	361	116	222	AK.
2,268	5	2,178	1,977	1,932	3	709	289	107	181	57	HI.

[3] Includes amounts not shown separately.

Source: U.S. Bureau of the Census, *State Government Finances in 1983*, series GF83, No. 3, and *Census of Governments: 1977* and *1982, Vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment.*

No. 463. State Government Tax Collections and Excise Taxes, by State: 1984

[Tax collections preliminary. Tax collections for fiscal year; see text page 259. Collections include local shares of State-imposed taxes. Excise taxes as of **September 1.** For composition of regions, see fig. 1 inside front cover.]

YEAR, REGION, DIVISION, AND STATE	STATE TAX COLLECTIONS (mil. dol.)								EXCISE TAXES		
		Sales and gross receipts									
	Total [1]	Total [1]	General sales or gross receipts	Motor fuels	Alcoholic beverages and tobacco products	Individual income	Corporation net income	Motor vehicle and operators' licenses	General sales and gross receipts (percent) [2]	Cigarettes (cents per package)	Gasoline (cents per gal.)
1970 [3]	47,962	27,254	14,177	6,283	3,728	9,183	3,738	2,728	(x)	(x)	(x)
1975 [3]	80,155	43,346	24,780	8,255	5,249	18,819	6,642	3,941	(x)	(x)	(x)
1980 [3]	137,075	67,855	43,168	9,722	6,216	37,089	13,321	5,325	(x)	(x)	(x)
1983 [3]	171,464	83,876	53,643	10,793	6,744	49,789	13,153	6,291	(x)	(x)	(x)
1984 [3]	196,795	95,801	62,564	12,396	7,049	58,942	15,511	6,921	(x)	(x)	(x)
Region:											
Northeast	47,046	20,558	11,906	2,027	1,803	17,449	4,582	1,549	(x)	(x)	(x)
Midwest	48,688	23,091	15,463	3,502	1,493	17,182	3,771	2,005	(x)	(x)	(x)
South [3]	55,663	31,018	19,173	4,300	2,766	11,300	3,009	2,048	(x)	(x)	(x)
West	45,398	21,134	16,021	2,569	986	13,011	4,148	1,319	(x)	(x)	(x)
N. Eng.	**11,491**	**5,439**	**3,231**	**705**	**539**	**3,770**	**1,362**	**358**	(x)	(x)	(x)
Maine	920	505	315	85	60	262	52	45	5 F & D	20	14
New Hampshire	423	196	(x)	65	42	22	98	38	(x)	17	14
Vermont	413	211	81	37	27	132	23	29	4 F & D	17	13
Massachusetts	5,839	1,993	1,246	275	254	2,790	730	131	5 F & D	26	11
Rhode Island	810	416	248	45	37	285	59	22	6 F & D	23	13
Connecticut	3,086	2,118	1,339	198	119	279	402	93	7.5 F & D	26	15
Mid. Atl.	**35,555**	**15,119**	**8,875**	**1,322**	**1,264**	**13,679**	**3,220**	**1,191**	(x)	(x)	(x)
New York	18,818	6,679	3,900	422	612	9,374	1,525	477	[4] 4 F & D	21	8
New Jersey	7,137	3,790	2,054	301	277	1,768	830	310	6 F & D	25	8
Pennsylvania	9,600	4,650	2,721	599	375	2,537	865	404	6 F & D	18	12
E. No. Cent	**34,414**	**16,274**	**10,871**	**2,391**	**1,003**	**12,229**	**2,902**	**1,327**	(x)	(x)	(x)
Ohio	7,985	4,258	2,602	616	253	2,487	525	313	[5] 5 F & D	14	12
Indiana	4,043	2,481	1,970	332	114	1,215	130	112	5 F & D	10.5	11.1
Illinois	8,701	4,276	2,651	533	239	2,961	564	468	[4] 5 F & D	12	12
Michigan	8,569	3,184	2,273	585	225	3,384	1,290	298	4 F & D	21	15
Wisconsin	5,116	2,075	1,375	345	172	2,182	393	136	5 F & D	25	16
W. No. Cent	**14,274**	**6,817**	**4,592**	**1,111**	**490**	**4,953**	**869**	**678**	(x)	(x)	(x)
Minnesota	5,077	2,042	1,251	333	138	2,316	305	215	[4] 6 F & D	18	17
Iowa	2,242	1,062	736	196	76	788	132	150	4 F & D	18	13
Missouri	3,053	1,722	1,328	197	106	904	166	136	[4] 4.125 D	13	7
North Dakota	684	305	204	54	19	74	44	34	4 F & D	16	13
South Dakota	359	291	179	58	20	(x)	18	16	[4] 4 D	15	13
Nebraska	1,069	597	375	130	43	304	67	51	[4] 3.5 F & D	18	14.9
Kansas	1,790	798	519	143	88	567	137	76	[4] 3 D	16	11
So. Atl [3]	**28,743**	**15,703**	**9,752**	**2,438**	**1,390**	**8,153**	**1,786**	**1,009**	(x)	(x)	(x)
Delaware	713	93	(x)	37	17	343	45	32	(x)	14	11
Maryland	3,947	1,785	988	290	95	1,608	198	98	5 F & D	13	13.5
District of Columbia [3]	1,460	474	295	25	17	384	95	21	6 F & D	13	15.5
Virginia	4,064	1,696	833	325	108	1,761	243	192	[4] 3 D	2.5	11
West Virginia	1,714	1,114	787	160	42	395	92	62	5 F & D	17	10.5
North Carolina	4,636	1,999	1,002	399	135	1,785	368	203	[4] 3 D	2	12
South Carolina	2,385	1,278	799	237	129	795	159	49	5 D	7	13
Georgia	3,955	2,007	1,362	373	191	1,466	316	68	[4] 3	12	[5] 7.5
Florida	7,329	5,731	3,981	617	673	(x)	365	305	5 F & D	21	4
E. So. Cent	**9,756**	**5,778**	**3,712**	**866**	**435**	**1,648**	**758**	**324**	(x)	(x)	(x)
Kentucky	2,799	1,259	754	201	68	710	198	89	[5] 5 F & D	3	10
Tennessee	2,512	1,899	1,357	290	138	55	226	136	[5] 5.5 D	13	9
Alabama	2,704	1,513	735	253	160	623	224	39	[4] 4 D	16.5	11
Mississippi	1,741	1,107	866	122	69	260	110	60	6 D	11	9
W. So. Cent	**17,164**	**9,537**	**5,709**	**996**	**941**	**1,499**	**465**	**715**	(x)	(x)	(x)
Arkansas	1,541	847	563	140	87	434	106	73	[4] 4 D	21	9.5
Louisiana	3,132	1,408	885	196	112	407	262	72	4 F & D	16	16
Oklahoma	2,662	899	457	145	117	658	97	188	[4] 3 D	18	9
Texas	9,829	6,383	3,804	515	625	(x)	(x)	382	[4] 4 F & D	18.5	10
Mt	**10,166**	**5,511**	**3,869**	**845**	**278**	**2,151**	**443**	**408**	(x)	(x)	(x)
Montana	583	135	(x)	79	27	170	35	27	(x)	16	15
Idaho	687	361	242	80	17	228	25	34	4 D	9.1	14.5
Wyoming	802	228	177	37	7	(x)	(x)	38	[4] 3 D	8	8
Colorado	2,133	1,104	791	189	72	764	88	72	[4] 3 F & D	15	12
New Mexico	1,377	783	578	107	31	75	53	45	[4] 3.75	12	11
Arizona	2,526	1,498	1,141	193	67	528	197	121	[4] 5 F & D	15	13
Utah	1,197	670	529	88	26	386	45	34	[4] 4.625 D	12	14
Nevada	861	732	411	72	31	(x)	(x)	37	[4] 5.75 F & D	15	10.25
Pac	**35,232**	**15,623**	**12,152**	**1,724**	**708**	**10,860**	**3,705**	**911**	(x)	(x)	(x)
Washington	4,542	3,461	2,726	339	204	(x)	(x)	134	[6] 6.5 F & D	23	18
Oregon	1,851	216	(x)	105	66	1,218	144	136	(x)	19	9
California	25,618	11,077	8,787	1,213	400	9,238	3,219	617	[4] 4.75 F & D	10	9
Alaska	1,973	88	(x)	32	18	1	305	15	(x)	8	8
Hawaii	1,248	781	639	35	20	403	37	9	4	(7)	[8] 8.5

X Not applicable. [1] Includes amounts for types of taxes not shown separately. [2] F=food exempt from sales tax; D=prescription drugs exempt from sales tax. [3] DC excluded from total. [4] Local sales tax rates are additional. [5] An additional tax is levied at the rate of 3 percent of the retail sales price, less the current 7.5 cents per gallon tax. [6] The State sales tax is 5.4 percent in the following counties: Clark, Cowlitz, Klickitat, and Skamania. [7] Tax is 40 percent of wholesale price. [8] Combined State and county rates are: Hawaii 13.5 cent; Honolulu 15 cents; Kauai 12.5 cent; and Maui 14.5 cents.

Source: U.S. Bureau of the Census, *State Government Tax Collections in 1984*, series GF84, No. 1.

No. 464. State Government Individual Income Taxes: 1985

[**As of August 1.** Only basic rates, brackets and exemptions are shown. *Taxable income rates and brackets apply to single individuals;* other schedules may be used for married taxpayers filing jointly or separately and/or heads of households in Alabama, Arkansas, California, Georgia, Hawaii, Idaho, Kansas, Maine, Minnesota, New Mexico, Oklahoma, Oregon, South Carolina, Utah, and West Virginia. *Alaska, Florida, Nevada,* South Dakota, Texas, Washington, and Wyoming have no State income tax]

STATE	Taxable income rates (range in percent)	TAXABLE INCOME BRACKETS		PERSONAL EXEMPTIONS			SIZE OF STANDARD DEDUCTION [1]			Federal income tax deductible [2]
		Lowest: amount under	Highest: amount over	Single	Married-joint return	Dependents	Percent	Single	Married-joint return	
AL [3]	2.0–5.0	[4] $500	[4] $3,000	$1,500	$3,000	$300	20	$2,000	$4,000	Yes
AZ [5]	2.0–8.0	1,061	6,366	1,834	3,668	1,100	18.3	917	1,834	Yes
AR	1.0–7.0	2,999	25,000	[6] 17.50	[6] 35	[6] 6	10	1,000	1,000	No
CA [5]	1.0–11.0	1,580	26,000	[6] 40	[6] 80	[6] 13	(X)	1,580	3,160	No
CO [5]	3.0–8.0	1,420	14,150	1,200	2,400	1,200	(X)	1,420	1,420	Yes
CT	Very limited State income tax [7]									
DE [3]	1.3–10.7	1,000	40,000	800	1,600	800	10	1,000	1,000	Yes [8]
DC	2.0–11.0	1,000	25,000	750	1,500	750	(X)	1,000	1,000	No
GA	1.0–6.0	750	7,000	1,500	3,000	1,500	[9] 15	[9] 2,300	[9] 3,000	No
HI	2.25–11.0	600	30,800	1,040	2,080	1,040	(X)	800	1,000	No
ID	2.0–7.5	1,000	5,000	1,040	2,080	1,040	(X)	2,390	3,540	No
IL	2.5	Flat Rate		1,000	2,000	1,000	(X)	(X)	(X)	No
IN [3]	3.0	Flat Rate		1,000	2,000	1,000	(X)	(X)	(X)	No
IA [3 5]	.5–13.0	[10] 1,023	[10] 76,725	[6] 20	[6] 40	[6] 15	[9] 15	[9] 1,200	[9] 3,000	Yes
KS	2.0–9.0	2,000	25,000	1,000	2,000	1,000	[9] 16	[9] 2,400	[9] 2,800	Yes [11]
KY [3]	2.0–6.0	3,000	8,000	[6] 20	[6] 40	[6] 20	(X)	650	650	Yes
LA	2.0–6.0	10,000	50,000	[12] 4,500	[12] 9,000	1,000	([12])	([12])	([12])	Yes
ME [5]	1.0–10.0	2,000	25,000	1,000	2,000	1,000	[9] 16	[9] 2,500	[9] 3,000	No
MD [3]	2.0–5.0	1,000	3,000	800	1,600	800	13	1,500	3,000	No
MA	[13] 5.0	[4] Flat Rate		2,200	([14])	700	(X)	(X)	(X)	No
MI [3]	5.35	Flat Rate		1,500	3,000	1,500	(X)	(X)	(X)	No
MN [5]	1.0–9.9	300	16,200	[6] 70	[6] 140	[6] 70	10	2,400	2,400	Yes [15]
MS	3.0–5.0	5,000	10,000	6,000	9,500	1,500	15	2,300	3,400	No
MO [3]	1.5–6.0	[16] 1,000	[16] 9,000	1,200	1,200	400	(X)	2,390	3,540	Yes
MT [5]	2.0–11.0	1,300	43,900	1,000	2,000	1,000	20	1,880	3,760	Yes
NE	19% of Federal income tax liability									No
NH	Very limited State income tax [17]									
NJ	[18] 2.0–3.5	20,000	50,000	1,000	2,000	1,000	(X)	(X)	(X)	No
NM	.7–7.8	1,000	[19] 100,000	1,040	2,080	1,040	(X)	2,390	3,540	No
NY [3]	[19] 2.0–13.75	1,000	26,000	850	1,700	850	(X)	2,500	2,750	No
NC	3.0–7.0	2,000	10,000	1,100	[20] 2,200	800	10	550	([20])	No
ND	[21] 2.0–9.0	[21] 3,000	[21] 50,000	1,040	2,080	1,040	(X)	2,390	3,540	Yes [21]
OH [3]	.903–9.025	5,000	100,000	[22] 1,000	[22] 2,000	[22] 1,000	(X)	(X)	(X)	No
OK	[23] .5–6.0	[23] 1,000	[23] 7,500	1,000	2,000	1,000	15	2,000	2,000	Yes [23]
OR	4.0–10.0	500	5,000	[6] 85	[6] 170	[6] 85	[9] 13	[9] 1,500	[9] 1,500	Yes [24]
PA [3]	2.35	Flat Rate		(X)	(X)	(X)	(X)	(X)	(X)	No
RI	23.15% of Federal income tax liability									No
SC [5]	2.0–7.0	2,300	12,300	(X)	(X)	(X)	(X)	2,300	3,400	Yes [25]
TN	Very limited State income tax [26]									
UT	2.75–7.75	750	3,750	750	1,500	750	[9] 15	[9] 2,000	[9] 2,000	Yes
VT	26.5% of Federal income tax liability									No
VA	2.0–5.75	3,000	12,000	600	1,200	600	15	2,000	2,000	No
WV	2.1–13.0	2,000	200,000	800	1,600	800	10	1,000	1,000	No
WI [5]	3.4–10.0	3,900	51,600	[6] 20	[6] 40	[6] 20	(X)	2,300	3,400	No

X Not applicable. [1] The lesser of either a) the percentage indicated, multiplied by adjusted gross income or b) the dollar value listed. [2] A State provision that allows the taxpayer to deduct fully the Federal income tax payment reduces the effective marginal tax rate for persons in the highest State and Federal tax brackets by approximately one-half the nominal tax rate—the deduction is of a lesser benefit to other taxpayers. [3] States in which one or more local governments levy a local income tax. [4] Social Security (FICA) taxes are deducted from taxable income. [5] Indexed by an inflation factor. Colorado, Iowa, and Wisconsin have suspended indexing through at least 1985. [6] Tax credit. [7] There is an income tax on interest and dividend income only. The rate of this tax ranges from 1% of interest and dividend income for taxpayers with an AGI of $50,000-$59,999 to 13% of such income of taxpayers with an AGI over $100,000. Capital gains are taxed at 7% after an exemption of $100 is applied. [8] Federal income tax deduction limited to $300 ($600 married). [9] A minimum standard deduction exists. In instances where the percentage standard deduction is less than the minimum, the minimum deduction amount should be taken. [10] Tax cannot reduce after-tax income of taxpayer to below $5,000. [11] Limited to $5,000 single return ($10,000 joint return) or 50% Federal tax liability, whichever is greater. FICA taxes also deductible. [12] Personal deduction and standard deduction are combined. [13] In addition there is a 7.5% surcharge which has been in effect since 1976. 10% (flat rate) imposed on net gains, interest and dividends. Tax cannot reduce after-tax income to below $4,400 ($7,200 married couple). [14] Exemption is the smaller of $4,400 or $3,000 plus the income of the spouse having the smaller earned income. [15] Taxpayers may choose between two tax tables: whether to deduct Federal taxes or to use a lower rate. Figures shown here are lower rate option. [16] FICA taxes deductible when itemizing deductions. [17] There is a 5% tax on dividend and interest income (excluding income from savings bank deposits) in excess of $1,200 ($2,400, married.) [18] No taxpayer is subject to tax if gross income is $3,000 or less ($1,500 married, filing separately). [19] No tax due from individuals with an adjusted gross income of $4,000 or less, or married head of household, or surviving spouse of $8,000 or less. Maximum tax rate on personal service income is 9.5% of such income greater than $17,000. [20] An additional exemption of $1,100 is allowed the spouse with the smallest income. Joint returns not allowed. [21] Taxpayers have the option of paying a tax of 10.5% of the taxpayers adjusted Federal income tax liability or using the long form with a separate schedule. [22] Taxpayers may choose between a $1,000 personal income exemption for each exemption, or a $650 personal exemption plus a $20 tax credit for each exemption. [23] These tax rates and brackets apply to single persons not deducting Federal income tax. For individuals deducting Federal income tax, rates range from .5% of the first $1,000 to 17% on income over $49,000. [24] Federal tax deduction limited to $7,000 ($3,500 married, filing separately). [25] Federal tax deduction limited to $500. [26] Interest and dividends taxed at 6%; dividends from Tennessee corporations taxed at 4%.

Source: Advisory Commission on Intergovernmental Relations, Washington, DC, *Significant Features of Fiscal Federalism, 1984-85*, forthcoming.

No. 465. Gross Revenue of Selected States From Parimutuel and Amusement Taxes and Lotteries, 1980 to 1983, and by State, 1983

[For fiscal years; see text, p. 259]

Year and State	Gross revenue (mil. dol.)	Parimutuel taxes (mil. dol.)	Amusement taxes (mil. dol.) [1]	Lottery revenue	
				Total (mil. dol.) [2]	Percent for prizes
1980	3,153.7	731.5	234.1	2,188.1	52.3
1981	3,724.5	751.8	259.6	2,713.1	52.4
1982	4,588.3	730.5	309.8	3,548.0	52.2
1983 [3]	**5,857.2**	**729.3**	**366.0**	**4,761.9**	**52.1**
AZ	85.0	10.1	(X)	74.9	48.6
AR	19.1	19.1	(X)	(X)	(X)
CA	118.5	118.5	(X)	(X)	(X)
CO	137.8	8.7	.4	128.7	54.8
CT	251.6	61.2	12.4	178.0	52.7
DE	28.1	.5	(Z)	27.6	56.6
FL	114.1	111.8	2.3	(X)	(X)
IL	536.4	69.0	7.9	461.5	50.1
KY	10.4	10.1	.3	(X)	(X)
LA	26.1	25.9	.2	(X)	(X)
ME	14.3	1.2	(X)	13.1	49.1
MD	461.8	16.9	.9	444.0	51.2
MA	307.5	35.5	10.1	261.9	59.2
MI	534.1	21.3	(Z)	512.8	52.6
NE	10.0	9.0	1.0	(X)	(X)
NV	189.9	.2	189.7	(X)	(X)
NH	21.7	7.2	(X)	14.5	46.2
NJ	797.1	11.8	131.0	654.3	52.0
NM	2.2	2.1	.1	(X)	(X)
NY	680.4	100.9	1.0	578.5	49.2
OH	402.4	24.6	(X)	377.8	54.0
OR	5.3	5.3	(X)	(X)	(X)
PA	847.1	21.9	.2	825.0	53.3
RI	46.7	8.1	.1	38.5	57.2
SC	6.0	(X)	6.0	(X)	(X)
SD	2.3	2.3	(X)	(X)	(X)
VT	4.7	.9	(X)	3.8	54.0
WA	179.6	12.4	.4	166.8	45.0
WV	12.3	12.3	(X)	(X)	(X)

X Not applicable. Z Less than $50,000. [1] Represents nonlicense taxes. [2] Excludes commissions.
[3] Includes States whose gross revenues were less than $1,000,000 not shown separately.

Source: U.S. Bureau of the Census, *State Government Finances in 1983*, series GF83, No. 3, and earlier issues.

No. 466. State Government Revenue From Severance Taxes, by State: 1980 to 1984

[**In millions of dollars.** Severance taxes are taxes imposed distinctively on the removal of natural products, such as oil, gas, other minerals, timber, and fish; from land or water and measured by value and/or quantity of products removed or sold. See source for information on particular taxes (including changes in tax rates) and additional analytical detail. For fiscal years, see text, p. 259. For composition of regions, see fig. I, inside front cover]

Region and State	1980	1982	1983	1984, prel.
Total	**4,208**	**7,830**	**7,406**	**7,266**
Region:				
Northeast	.3	(Z)	.1	.1
Midwest	224.2	409.8	370.4	486.8
South	2,892.5	4,733.1	4,487.2	4,338.7
West	1,090.5	2,686.7	2,547.7	2,441.0
Alabama	32.4	63.5	77.1	119.5
Alaska	506.5	1,571.6	1,494.0	1,393.0
Arkansas	18.1	29.8	28.4	27.1
California	26.0	27.9	28.7	17.5
Colorado	31.1	49.2	35.9	30.0
Florida	121.3	157.6	137.9	157.8
Idaho	1.9	2.5	.8	1.2
Indiana	1.6	1.8	1.6	1.5
Kansas	1.1	1.0	2.3	117.0
Kentucky	177.2	256.8	221.4	210.7
Louisiana	525.3	982.1	869.5	792.1
Michigan	43.5	81.6	81.4	73.3
Minnesota	123.8	118.6	84.7	74.1
Mississippi	52.5	117.0	114.6	103.0
Missouri	(Z)	(Z)	(Z)	(Z)
Montana	94.6	149.4	137.6	144.8
Nebraska	2.9	6.0	5.2	4.5
Nevada	(Z)	(X)	(X)	.1
New Hampshire	.3	(Z)	.1	.1
New Mexico	213.6	377.8	351.3	367.4
North Carolina	1.3	1.2	1.2	1.3
North Dakota	43.9	186.7	184.5	200.0
Ohio	4.6	4.0	4.0	6.6
Oklahoma	436.1	742.7	777.7	703.7
Oregon	50.6	50.5	49.7	29.2
South Dakota	2.4	9.3	5.7	8.9
Tennessee	2.2	2.5	3.4	3.3
Texas	1,525.1	2,378.6	2,254.7	2,218.8
Utah	10.6	22.3	19.7	38.4
Virginia	1.0	1.3	1.3	1.4
Washington	49.9	46.1	41.1	31.1
Wisconsin	.4	.8	1.0	.9
Wyoming	105.7	389.4	388.9	388.3

X Not applicable. Z Less than $50,000.

Source: U.S. Bureau of the Census, *State Government Tax Collections in 1984*, series GF84, No. 1, and earlier issues.

No. 467. Finances of State-Administered Unemployment Compensation Systems, 1970 to 1984, and by State, 1984

[In millions of dollars. For fiscal year ending in year shown; see text, p. 259]

Year, division, and state	Revenue				Expenditure			Assets [4]		
	Total	State—		Federal advances and contributions [3]	Total	Regular	Extended and special	Total	Trust fund account [5]	Other [6]
		Contribution [1]	Interest [2]							
1970	3,090	2,524	566	(NA)	2,713	(NA)	(NA)	12,236	12,270	−33.8
1975	5,712	5,135	577	(NA)	9,536	(NA)	(NA)	6,876	6,790	86.3
1978	13,083	9,894	261	2,928	10,672	7,930	2,743	7,450	7,429	21.2
1979	12,866	11,761	476	630	8,828	7,789	1,040	11,359	11,314	45.3
1980	13,468	11,616	797	1,055	12,006	11,012	994	11,945	11,969	−24.4
1981	18,443	11,167	954	6,321	17,846	13,170	4,677	11,634	11,721	−87.1
1982	16,854	11,911	1,103	3,841	18,027	16,370	1,657	6,789	6,967	−178.0
1983	21,480	12,848	853	7,779	24,068	20,926	3,142	4,810	4,999	−189.4
1984, total [7]	**16,671**	**17,110**	**732**	**−1,169**	**13,988**	**13,528**	**459**	**5,708**	**5,637**	**71.4**
New England	**1,088**	**1,024**	**63**	**2**	**731**	**723**	**8**	**954**	**956**	**−1.5**
Maine	84	84	2	−3	59	58	1	36	35	.5
New Hampshire	50	42	8	(z)	29	29	(z)	82	83	−.6
Vermont	36	39	–	−3	32	31	(z)	4	4	−.3
Massachusetts	577	520	53	4	361	359	2	657	659	−1.3
Rhode Island	111	110	–	1	74	73	1	64	64	−.6
Connecticut	231	229	–	2	176	174	2	112	111	.9
Middle Atlantic	**3,505**	**3,583**	**98**	**−176**	**2,932**	**2,850**	**82**	**457**	**495**	**−38.3**
New York	1,419	1,305	98	16	1,086	1,069	16	156	175	−19.6
New Jersey	834	824	(z)	10	613	604	9	309	320	−11.0
Pennsylvania	1,253	1,454	–	−201	1,233	1,176	56	−8	–	−7.8
East North Central	**2,810**	**3,976**	**11**	**−1,177**	**2,868**	**2,813**	**55**	**220**	**245**	**−24.7**
Ohio	545	927	–	−381	710	698	12	−14	–	−14.0
Indiana	292	341	11	−59	195	191	5	199	197	2.0
Illinois	988	1,270	–	−282	967	954	13	−6	–	−5.7
Michigan	586	1,011	–	−425	623	603	20	−1	–	−1.3
Wisconsin	397	428	–	−30	374	367	7	42	48	−5.9
West North Central	**1,045**	**1,112**	**24**	**−91**	**831**	**809**	**22**	**318**	**319**	**−.7**
Minnesota	265	293	–	−28	257	249	8	1	–	.6
Iowa	160	229	–	−69	161	158	3	−95	−95	.2
Missouri	296	291	1	5	183	178	5	130	132	−1.7
North Dakota	50	53	(z)	−3	46	45	2	−1	(z)	−.9
South Dakota	23	21	1	1	10	9	1	20	20	−.2
Nebraska	59	53	6	1	51	50	1	62	61	1.1
Kansas	191	172	16	3	123	120	3	201	201	.2
South Atlantic [7]	**2,029**	**1,727**	**187**	**115**	**1,312**	**1,233**	**79**	**1,392**	**1,392**	**.3**
Delaware	52	53	(z)	−1	28	28	1	54	54	−.3
Maryland	268	251	11	6	222	216	6	164	167	−2.8
District Columbia [7]	88	69	–	18	72	63	9	27	28	−1.3
Virginia	269	280	9	−20	123	118	6	182	181	1.3
West Virginia	258	150	–	108	217	174	43	36	39	−2.4
North Carolina	353	311	35	7	202	196	6	447	445	1.6
South Carolina	147	142	2	3	105	102	3	52	51	1.0
Georgia	259	213	39	7	180	172	8	436	436	(z)
Florida	423	327	90	6	234	227	7	22	20	2.0
East South Central	**831**	**933**	**37**	**−139**	**618**	**588**	**30**	**576**	**573**	**2.4**
Kentucky	145	249	–	−103	188	180	8	12	12	.1
Tennessee	314	297	9	8	164	155	9	185	184	1.9
Alabama	239	281	6	−48	165	158	8	135	134	.4
Mississippi	133	106	22	4	101	96	5	244	244	(z)
West South Central	**1,500**	**1,323**	**4**	**173**	**1,460**	**1,395**	**64**	**106**	**115**	**−8.6**
Arkansas	95	146	(z)	−51	89	86	3	35	36	−1.9
Louisiana	517	346	–	171	512	468	44	−3	5	−8.6
Oklahoma	173	165	4	4	141	137	4	73	73	.1
Texas	716	666	–	50	718	704	13	2	–	1.8
Mountain	**812**	**741**	**41**	**30**	**650**	**618**	**32**	**517**	**521**	**−3.7**
Montana	60	51	(z)	9	58	55	3	8	8	.1
Idaho	82	74	2	5	60	52	7	29	26	2.3
Wyoming	60	54	1	6	45	41	4	19	18	.3
Colorado	204	191	–	14	192	187	5	11	13	−1.2
New Mexico	69	57	8	4	66	62	4	81	83	−2.0
Arizona	122	100	18	4	89	85	5	207	208	−1.2
Utah	117	129	2	−14	69	67	2	50	51	−1.1
Nevada	97	86	10	1	72	70	2	113	113	−.9
Pacific	**3,051**	**2,692**	**267**	**92**	**2,585**	**2,499**	**87**	**1,167**	**1,020**	**146.4**
Washington	430	390	4	37	430	414	15	231	47	184.4
Oregon	259	239	13	7	214	207	7	144	146	−2.5
California	2,153	1,892	224	37	1,790	1,741	50	521	556	−35.1
Alaska	122	101	14	8	90	79	11	136	137	−.6
Hawaii	87	71	13	4	61	58	4	135	135	.2

– Represents zero. NA Not available. Z Less than $50,000 or $500,000. [1] State unemployment compensation tax (net amount received from employers and employees including penalties and interest). [2] Credited by U.S. Government [3] Beginning 1978, represents net contributions allowing for deductions of repayments of federal advances. [4] End of fis/ year. [5] In U.S. Treasury. [6] State clearing and benefit accounts. *Minus sign indicates negative balance.* [7] U.S. / divisional totals exclude DC.

Source: U.S. Bureau of the Census, *State Government Finances*, series GF No. 3, annual. Based on data reported by the Department of Labor.

No. 468. State Government Intergovernmental Expenditures: 1983

[For fiscal year; data revised since originally published. For composition of regions, see fig. I inside front cover]

REGION, DIVISION, AND STATE	Total (mil. dol.)	Per capita [1] (dol.)	Rank [2]	As percent of general expenditure	DIVISION AND STATE	Total (mil. dol.)	Per capita [1] (dol.)	Rank [2]	As percent of general expenditure
U.S	**100,887**	**432**	(X)	**35.4**	MD	1,719	399	19	28.8
Region:					DC	(X)	(X)	(X)	(X)
Northeast	23,260	470	(X)	35.3	VA	1,791	323	36	29.4
Midwest	23,220	394	(X)	33.9	WV	666	339	30	28.1
South	26,416	335	(X)	31.8	NC	2,579	424	14	40.1
West	27,971	608	(X)	41.5	SC	1,060	325	33	32.2
N. Eng	**4,159**	**333**	(X)	**24.8**	GA	1,963	342	28	32.6
ME	333	290	42	23.2	FL	3,655	342	28	40.0
NH	137	142	49	15.0	**E. So. Cent**	**4,578**	**306**	(X)	**28.6**
VT	130	248	46	16.2	KY	1,257	338	31	27.6
MA	2,441	423	15	29.4	TN	1,066	227	48	26.2
RI	264	277	43	17.9	AL	1,285	325	33	27.7
CT	853	272	44	22.3	MS	970	375	22	35.3
Mid. Atl	**19,122**	**516**	(X)	**38.9**	**W. So. Cent**	**8,191**	**318**	(X)	**30.6**
NY	10,784	610	5	40.6	AR	689	296	40	30.5
NJ	4,145	555	7	42.6	LA	1,602	361	23	25.5
PA	4,193	353	26	32.6	OK	1,302	395	20	31.5
E. No. Cent	**16,601**	**400**	(X)	**34.2**	TX	4,598	292	41	32.6
OH	4,298	400	18	36.0	**Mt**	**5,639**	**457**	(X)	**36.2**
IN	1,957	357	25	37.5	MT	267	327	32	25.3
IL	3,636	317	38	29.6	ID	320	324	35	30.8
MI	3,838	423	15	31.6	WY	406	789	2	37.8
WI	2,872	605	6	41.3	CO	1,266	403	17	36.3
W. No. Cent	**6,620**	**380**	(X)	**33.0**	NM	936	669	4	37.1
MN	2,251	543	9	38.6	AZ	1,385	467	12	43.1
IA	1,300	448	13	35.9	UT	581	359	24	28.9
MO	1,281	258	45	29.6	NV	479	537	10	40.2
ND	376	552	8	31.3	**Pac**	**22,332**	**664**	(X)	**43.1**
SD	168	240	47	20.5	WA	2,245	522	11	35.1
NE	507	318	37	29.5	OR	1,021	383	21	28.9
KS	736	304	39	29.0	CA	17,951	713	3	49.2
So. Atl	**13,646**	**358**	(X)	**33.9**	AK	1,089	2,273	1	31.8
DE	214	353	26	21.6	HI	27	26	50	1.4

X Not applicable. [1] Based on estimated resident population as of July 1. [2] See headnote, Appendix V.

Source: U.S. Bureau of the Census, *State Governmental Finances in 1983*, GF83 No. 3.

No. 469. Local Government General Revenue, by Source: 1983

[**In millions of dollars.** For **fiscal year**; data revised since originally published. Estimates based on sample and subject to sampling variability; see source and Appendix III. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	Total [1]	INTERGOVERNMENTAL FROM—		FROM OWN SOURCES		DIVISION AND STATE	Total [1]	INTERGOVERNMENTAL FROM—		FROM OWN SOURCES	
		Federal	State	Total	Taxes			Federal	State	Total	Taxes
U.S	**298,394**	**21,021**	**98,378**	**178,994**	**112,997**	**So. Atl.—Con.**					
Region:						MD	5,462	390	1,673	3,399	2,342
Northeast	74,870	5,288	24,100	45,482	34,238	DC	2,701	1,140	-	1,561	1,329
Midwest	72,893	5,228	21,962	45,702	29,290	VA	5,461	324	1,722	3,415	2,521
South	83,351	6,748	25,506	51,098	29,123	WV	1,656	134	658	864	439
West	67,280	3,758	26,811	36,712	20,345	NC	5,628	475	2,333	2,820	1,514
N. Eng	**13,625**	**1,348**	**3,816**	**8,462**	**6,812**	SC	2,456	184	829	1,443	755
ME	940	75	286	579	460	GA	6,753	529	1,720	4,505	2,074
NH	866	50	132	684	582	FL	12,555	897	3,643	8,015	4,110
VT	407	21	107	280	239	**E. So. Cent**	**12,505**	**993**	**4,373**	**7,140**	**3,521**
MA	7,244	942	2,304	3,998	3,060	KY	2,521	213	1,206	1,102	697
RI	905	82	239	584	510	TN	4,293	412	1,057	2,824	1,520
CT	3,264	179	748	2,337	1,961	AL	3,376	218	1,163	1,995	851
Mid. Atl	**61,245**	**3,940**	**20,285**	**37,020**	**27,426**	MS	2,315	150	947	1,218	453
NY	37,848	2,148	12,698	23,002	17,199	**W. So. Cent**	**27,638**	**1,625**	**8,331**	**17,682**	**10,388**
NJ	10,137	522	3,543	6,072	4,751	AR	1,737	129	633	975	456
PA	13,259	1,270	4,043	7,946	5,477	LA	5,008	352	1,667	2,989	1,634
E. No. Cent	**51,882**	**3,937**	**15,506**	**32,439**	**21,577**	OK	3,084	186	1,199	1,700	1,082
OH	12,605	850	4,072	7,683	5,087	TX	17,809	958	4,832	12,018	7,216
IN	5,518	359	1,986	3,193	1,764	**Mt**	**16,631**	**926**	**5,535**	**10,170**	**5,394**
IL	14,574	1,447	3,470	9,658	6,998	MT	1,119	61	252	806	450
MI	12,223	978	2,995	8,250	5,405	ID	845	59	309	477	245
WI	6,962	303	3,004	3,654	2,323	WY	1,370	44	388	938	520
W. No. Cent	**21,011**	**1,291**	**6,456**	**13,264**	**7,713**	CO	4,443	212	1,175	3,057	1,909
MN	6,522	344	2,611	3,567	1,786	NM	1,713	144	898	672	290
IA	3,565	180	1,121	2,264	1,388	AZ	4,040	257	1,436	2,348	1,093
MO	4,531	368	1,148	3,015	1,987	UT	1,778	96	575	1,107	584
ND	744	49	311	384	222	NV	1,323	54	503	765	302
SD	650	63	149	438	315	**Pac**	**50,649**	**2,832**	**21,276**	**26,542**	**14,951**
NE	1,995	106	428	1,461	844	WA	5,516	312	2,226	2,977	1,424
KS	3,003	181	687	2,135	1,172	OR	3,553	296	992	2,265	1,487
So. Atl	**43,208**	**4,130**	**12,802**	**26,277**	**15,214**	CA	39,405	2,063	17,230	20,112	11,395
DE	535	57	224	255	132	AK	1,606	69	791	747	305
						HI	570	92	38	440	340

- Represents zero. [1] Excludes duplicative intergovernmental transactions.

Source: U.S. Bureau of the Census, *Governmental Finances in 1982-83*, GF83 No. 5.

NO. 470. NUMBER OF LOCAL GOVERNMENTS, BY TYPE—STATES: 1977 AND 1982

[*Government in existence in January. Limited to governments actually in existence.* Excludes, therefore, a few counties and numerous townships and "incorporated places" existing as areas for which statistics can be presented as to population and other subjects, but lacking any separate organized county, township, or municipal government]

STATE	1977			1982								
									Special district governments			
	All local governmental units [1]	School district governments	Special district governments	All local governmental units	County governments	Municipal governments	Township governments [2]	School district governments	Total [1]	Natural resources	Fire protection	Housing and community development
U.S	**79,862**	**15,174**	**25,962**	**82,290**	**3,041**	**19,076**	**16,734**	**14,851**	**28,588**	**6,232**	**4,560**	**3,296**
AL	949	127	336	1,018	67	434	-	127	390	67	2	157
AK	150	-	-	156	8	142	-	-	6	-	-	6
AZ	420	230	106	452	14	76	-	232	130	81	-	-
AR	1,346	380	424	1,424	75	472	-	372	505	226	29	136
CA	3,806	1,109	2,227	4,102	57	428	-	1,111	2,506	525	381	87
CO	1,459	185	950	1,544	62	267	-	185	1,030	174	202	56
CT	434	16	236	479	-	33	149	16	281	-	48	91
DE	210	25	127	217	3	56	-	19	139	134	-	3
DC	2	-	1	2	-	1	-	-	1	-	-	-
FL	911	95	361	969	66	391	-	95	417	129	56	94
GA	1,263	188	387	1,268	158	533	-	187	390	30	-	210
HI	19	-	15	18	3	1	-	-	14	14	-	-
ID	972	117	612	1,018	44	198	-	117	659	178	101	12
IL	6,620	1,063	2,745	6,467	102	1,280	1,434	1,049	2,602	907	771	98
IN	2,854	307	885	2,865	91	564	1,008	305	897	115	-	52
IA	1,852	464	334	1,871	99	955	-	456	361	218	64	5
KS	3,725	327	1,219	3,795	105	627	1,367	326	1,370	261	-	102
KY	1,183	181	478	1,241	119	425	-	180	517	126	75	21
LA	458	66	30	468	62	301	-	66	39	18	-	-
ME	779	86	178	806	16	22	475	98	195	11	-	30
MD	426	-	252	439	23	152	-	-	264	193	-	20
MA	766	75	328	798	12	39	312	81	354	14	12	219
MI	2,633	606	168	2,643	83	532	1,245	599	184	85	-	-
MN	3,437	440	263	3,529	87	855	1,795	436	356	108	-	163
MS	835	166	304	858	82	292	-	169	315	234	-	60
MO	2,937	574	1,007	3,117	114	926	325	557	1,195	156	115	142
MT	958	465	311	1,029	54	126	-	399	450	118	94	20
NE	3,485	1,195	1,192	3,324	93	535	470	1,069	1,157	112	427	134
NV	182	17	132	184	16	17	-	17	134	31	18	15
NH	506	159	103	517	10	13	221	160	113	9	15	19
NJ	1,517	549	380	1,591	21	323	245	548	454	15	146	77
NM	313	88	100	319	33	96	-	89	101	71	-	6
NY	3,309	740	964	3,249	57	615	928	726	923	1	841	-
NC	874	-	302	905	100	484	-	-	321	146	-	112
ND	2,707	346	587	2,795	53	365	1,360	325	692	82	279	37
OH	3,285	631	312	3,393	88	941	1,318	669	377	97	22	54
OK	1,675	625	406	2,212	77	581	-	638	916	107	6	134
OR	1,447	375	797	1,454	36	241	-	352	825	193	248	24
PA	5,246	581	2,035	5,198	66	1,019	1,549	514	2,050	3	1	92
RI	120	3	78	122	-	8	31	3	80	4	36	27
SC	585	93	182	645	46	265	-	92	242	45	59	46
SD	1,727	194	148	1,767	64	312	996	196	199	107	16	39
TN	905	14	471	913	94	335	-	15	469	129	-	103
TX	3,883	1,138	1,425	4,180	254	1,121	-	1,124	1,681	391	18	396
UT	492	40	207	504	29	224	-	40	211	72	5	9
VT	647	272	67	664	14	57	237	273	83	14	14	8
VA	389	-	65	407	95	229	-	-	83	42	-	-
WA	1,666	302	1,060	1,734	39	265	-	300	1,130	157	414	42
WV	595	55	258	633	55	231	-	55	292	15	-	38
WI	2,518	410	190	2,592	72	580	1,269	408	263	154	-	100
WY	385	55	217	395	23	91	-	56	225	113	45	-

- Represents zero. [1] Includes other types of governments not shown separately. [2] Includes "town" governments in the 6 New England States and in Minnesota, New York, and Wisconsin.

Source: U.S. Bureau of the Census, *Census of Governments: 1977* and *1982*, vol. 1, No. 1, *Governmental Organization.*

No. 471. County, Municipal, and Township Governments, 1982, and Their Population, 1980, by Population-Size Groups

[Number of governments as of **January 1982**; population as of **April 1980**. Township governments include "towns" in the 6 New England States, Minnesota, New York, and Wisconsin]

Population-size group	County governments			Municipal governments			Township governments		
	Number, 1982	Population, 1980		Number, 1982	Population, 1980		Number, 1982	Population, 1980	
		Number (1,000)	Percent		Number (1,000)	Percent		Number (1,000)	Percent
Total	**3,041**	**203,754**	**100.0**	**19,076**	**141,036**	**100.0**	**16,734**	**50,751**	**100.0**
250,000 or more	156	102,551	50.3	57	41,311	29.3	30	5,460	10.8
100,000–249,999	218	33,325	16.4	112	16,305	11.6			
50,000–99,999	374	26,234	12.9	250	17,310	12.3	73	4,969	9.8
25,000–49,999	611	21,516	10.6	525	18,316	13.0	214	7,270	14.3
10,000–24,999	957	15,856	7.8	1,253	19,666	13.9	702	10,802	21.3
5,000–9,999				1,515	10,721	7.6	962	6,705	13.2
2,500–4,999				2,078	7,352	5.2	1,724	6,054	11.9
1,000–2,499	725	4,273	2.1	3,772	6,043	4.3	3,764	6,036	11.9
Less than 1,000				9,514	4,010	2.8	9,265	3,455	6.8

Source: U.S. Bureau of the Census, *Census of Governments: 1982, Vol. 1, No. 1, Governmental Organization.* (GC82(1)).

No. 472. County Governments—Summary of Finances, 1975 to 1983, and Per Capita, by Population-Size Group, 1983

[Per capita based on population as of **April 1, 1980**. Covers fiscal years ending between **July 1** of preceding year and **June 30** of year stated. Represents all counties and their dependent agencies (including dependent school systems where applicable)]

Item	All counties (mil. dol.) [1]					Per capita (dollars), 1983					
						All counties		Counties with 1980 population (in 1,000) of—			
	1975	1980	1981	1982	1983	Total (3,042) [2]	Percent distribution	Less than 100 [3] (2,667) [2]	100–199.9 (183) [2]	200–299.9 (72) [2]	300 or more (120) [2]
General revenue	**32,893**	**54,573**	**60,583**	**66,655**	**70,577**	**346.39**	**100.0**	**324.63**	**291.14**	**305.30**	**385.39**
Intergovernmental revenue [4]	14,755	24,746	26,788	28,002	27,773	136.31	39.4	122.41	111.56	121.16	156.18
From State government	11,842	18,969	21,168	22,731	22,756	111.69	32.2	102.77	89.75	99.09	126.64
From Federal government	2,385	4,948	4,712	4,315	4,048	19.87	5.7	16.95	17.63	17.95	22.98
General revenue sharing	1,595	1,746	1,696	1,720	1,736	8.52	2.5	10.40	7.41	7.08	7.73
Tax revenue [4]	12,660	18,813	20,567	22,970	25,218	123.77	35.7	105.98	106.39	98.42	146.44
Property	10,316	14,300	15,798	17,744	19,609	96.24	27.8	82.78	83.48	79.86	112.75
Charges and miscellaneous	5,478	11,014	13,128	15,682	17,587	86.32	24.9	96.24	73.19	85.72	82.77
General expenditure	**32,744**	**54,291**	**59,915**	**64,576**	**69,133**	**339.30**	**100.0**	**318.11**	**286.09**	**301.73**	**376.64**
Capital outlay	4,850	6,505	6,642	6,391	6,562	32.21	9.5	31.72	26.14	21.96	36.20
Other	27,894	47,786	53,273	58,185	62,571	307.09	90.5	286.39	259.95	279.77	340.44
Public welfare	6,169	8,591	9,746	10,339	10,442	51.25	15.1	27.58	39.87	58.24	70.32
Education	5,643	8,412	9,201	9,596	10,083	49.49	14.6	64.74	53.71	30.88	40.79
Highways	3,458	5,227	5,634	5,813	6,142	30.14	8.9	47.53	27.37	23.85	19.41
Hospitals	3,337	5,975	6,473	7,577	8,101	39.76	11.7	43.80	20.19	32.77	43.52
General control	1,986	3,374	3,746	4,231	4,826	23.69	7.0	19.91	20.58	22.29	27.57
Police protection	1,450	2,661	3,093	3,489	3,736	18.34	5.4	16.05	16.72	15.94	20.91
Financial administration	883	1,521	1,679	1,879	2,018	9.90	2.9	10.36	9.39	9.25	9.84
General public buildings	824	1,072	1,128	1,145	1,237	6.07	1.8	6.26	6.51	5.29	5.97
Health	1,428	2,806	3,182	3,735	4,098	20.11	5.9	16.64	19.95	22.40	22.25
Correction	980	1,759	2,031	2,305	2,766	13.58	4.0	(5)	(5)	(5)	(5)
Natural resources	510	687	721	666	789	3.87	1.1	4.01	2.21	1.95	4.60
Parks and recreation	741	1,094	1,216	1,242	1,351	6.63	2.0	3.19	4.85	4.96	9.96
Interest on general debt	795	1,542	1,896	2,456	3,235	15.88	4.7	14.96	12.46	15.33	17.59
Other and unallocable	4,541	9,570	10,170	10,103	10,309	50.60	14.9	43.08	52.28	58.58	83.91
Debt outstanding, end of year	**18,935**	**32,993**	**38,021**	**44,671**	**55,277**	**271.30**	**100.0**	**276.33**	**235.58**	**235.19**	**284.38**
Long-term	17,617	31,543	36,022	42,090	52,304	256.71	94.6	269.40	227.57	224.93	261.55
Short-term	1,318	1,450	1,999	2,581	2,973	14.59	5.4	6.95	8.00	10.25	22.82

[1] Except for 1982, data are estimates subject to sampling variation; see Appendix III and source.
[2] Figures in parentheses represent number of counties in each size group. [3] Estimated.
[4] Includes other revenues not shown separately. [5] Included in other and unallocable.

Source: U.S. Bureau of the Census, *County Government Finances*, series GF, No. 8, annual.

No. 473. Gross Assessed Value of Property and Government Revenue From Property Taxes: 1966 to 1983

[**In billions of dollars, except percent.** Minus sign (−) indicates decrease. 1983 revenue data revised since originally published.]

ITEM	1966	1971	1975	1976	1978	1979	1981	1982	1983
Gross assessed value of property	**499.0**	**717.8**	**1,096.3**	**1,229.1**	**1,502.2**	**[1] 1,678.8**	**2,958.2**	(NA)	(NA)
State assessed	41.6	53.5	74.8	84.8	102.2	113.5	159.2	(NA)	(NA)
Locally assessed	457.4	664.2	1,021.5	1,144.3	1,400.0	1,565.3	2,799.0	(NA)	(NA)
Real property	393.2	573.9	881.6	992.5	1,211.2	1,358.5	2,514.9	(NA)	(NA)
Percent of locally assessed	86.0	86.4	86.3	86.4	86.5	86.8	89.8	(NA)	(NA)
Net assessed value of locally taxable property [2]	484.1	694.6	1,062.9	1,189.4	1,438.4	1,607.3	2,837.5	(NA)	(NA)
Percent of gross assessed	97.0	96.8	97.0	96.8	95.8	95.7	95.9	(NA)	(NA)
Approximate market value: [3]									
Locally assessed realty	1,277.0	1,755.0	(NA)	3,202.0	(NA)	(NA)	6,760.4	(NA)	(NA)
Ordinary realty	943.0	(NA)	(NA)	2,511.8	(NA)	(NA)	5,500.7	(NA)	(NA)
REVENUE FROM PROPERTY TAXES									
Total revenue, State and local	**24.7**	**37.9**	**51.5**	**57.0**	**66.4**	**64.9**	**75.0**	**82.1**	**89.1**
Percent of general revenue	29.7	26.1	22.6	22.3	21.0	18.9	17.7	17.9	18.3
Percent of tax revenue	43.6	39.9	36.4	36.3	34.3	31.6	30.7	30.8	31.3
Revenue, State governments	.8	1.1	1.5	2.1	2.4	2.5	2.9	3.1	3.3
Percent of all revenue	*1.5*	*1.1*	*.9*	*1.1*	*1.1*	*1.0*	*.9*	*.9*	*.9*
Percent of tax revenue	2.8	2.2	1.8	2.4	2.1	2.0	2.0	1.9	1.9
Revenue, local governments	23.8	36.7	50.0	54.9	64.1	62.5	72.0	79.0	85.8
Annual average percent change from prior year shown	[4] 9.3	9.0	6.6	9.7	8.1	−2.6	9.8	9.6	8.7
Percent of all revenue	40.2	36.4	32.2	30.8	29.9	26.6	25.0	25.0	25.4
Percent of tax revenue	87.1	84.6	81.6	81.2	80.0	77.5	76.0	76.1	76.0

NA Not available. [1] Includes 1976 value data for IL, IN, LA, MI, MN, MS, NV, NJ, NY, NC, PA, RI, SC, and WV. [2] Value subject to local general property taxation, including State-assessed property, after deduction of partial exemptions. [3] See source for details for computation of approximate market value. [4] Change from 1965.

Source: U.S. Bureau of the Census, *Census of Governments: 1967, 1972, 1977,* and *1982,* vol. 2; *Property Values Subject to Local General Property Taxation in the United States: 1975, 1978,* and *1979,* series GSS Nos. 80, 92, and 98; and *Governmental Finances,* series GF, No. 5, annual.

No. 474. Approximate Market Value of Locally Assessed Ordinary Realty, As Indicated By Measurable Sales, By Use Category: 1981

[**In billions of dollars.** Excludes value of totally exempt property. Data are estimates subject to sampling variability. Detail may not equal the total because of independent computations at each level. See source for explanation of ordinary realty and appoximate market value]

STATE	Total	USE CATEGORY					STATE	Total	USE CATEGORY				
		Residential		Acreage	Vacant platted lots	Commercial and industrial			Residential		Acreage	Vacant platted lots	Commercial and industrial
		Total	Single-family only						Total	Single-family only			
U.S	**5,501**	**3,633.9**	**3,316.4**	**966.4**	**342.0**	**761.3**	MO	86	52.6	49.6	27.5	3.3	9.7
AL	51	36.2	34.8	8.0	1.6	4.5	MT	21	9.7	8.7	13.7	1.1	(B)
AK	14	7.8	6.6	(B)	2.0	(B)	NE	46	18.6	17.2	32.0	1.0	4.4
AZ	88	59.5	53.2	3.8	16.6	9.3	NV	29	16.5	15.2	2.6	4.6	(B)
AR	44	20.7	20.0	25.0	2.8	3.6	NH	22	16.4	14.9	1.8	.7	3.3
CA	864	626.6	540.3	60.0	56.4	126.7	NJ	170	133.5	125.1	3.1	8.5	25.2
CO	112	67.7	65.4	10.1	10.2	20.6	NM	29	16.3	15.7	4.9	3.0	(B)
CT	94	71.6	67.1	2.3	3.9	8.4	NY	282	209.3	158.0	10.6	13.2	47.2
DE	14	9.6	9.3	1.7	.4	(B)	NC	118	71.4	68.1	23.3	5.8	19.9
DC	16	11.4	9.4	–	(B)	(B)	ND	17	4.6	4.2	16.5	.3	1.7
FL	315	203.1	185.7	37.3	38.5	42.9	OH	219	145.7	133.8	39.9	9.4	32.2
GA	103	68.1	63.4	18.5	3.8	14.2	OK	70	39.0	37.5	22.2	4.0	11.4
HI	48	34.9	33.1	5.8	3.1	(B)	OR	97	49.4	43.4	28.8	4.7	(B)
ID	26	13.1	12.4	9.6	1.1	(B)	PA	199	150.4	142.5	13.8	8.2	25.8
IL	239	142.3	125.0	75.4	7.1	33.2	RI	17	12.6	10.3	.3	1.1	2.6
IN	95	57.5	56.1	31.0	3.2	13.1	SC	55	34.1	31.7	11.0	3.4	6.4
IA	96	35.5	34.0	74.5	2.1	9.8	SD	21	6.5	5.9	16.1	.3	1.8
KS	60	24.6	23.0	57.4	1.6	5.2	TN	86	47.9	46.4	22.7	4.3	19.7
KY	51	33.4	31.4	10.9	.9	6.4	TX	387	194.9	185.2	82.4	40.0	83.0
LA	68	48.1	44.7	13.2	4.3	6.9	UT	36	24.0	22.1	4.6	2.3	(B)
ME	24	17.3	16.1	3.5	.3	3.4	VT	13	7.9	7.1	2.7	(B)	1.9
MD	97	72.9	70.2	11.3	5.0	(B)	VA	117	82.6	77.3	19.1	5.8	11.4
MA	120	97.4	82.6	2.9	4.6	16.0	WA	130	87.9	80.3	22.4	7.8	17.6
MI	170	117.9	111.4	29.0	4.6	23.1	WV	26	18.4	17.9	3.6	1.0	3.4
MN	114	65.0	59.9	45.4	2.5	11.3	WI	107	64.2	59.6	37.5	3.7	10.3
MS	37	22.0	21.2	14.2	1.3	3.3	WY	14	7.0	6.8	5.8	.7	(B)

– Represents zero. B Base too small to meet statistical standards of reliability.

Source: U.S. Bureau of the Census, *1982 Census of Governments,* vol. 2, GC82(2), *Taxable Property Values and Assessment Sales Price Ratios.*

NO. 475. CITY GOVERNMENTS—SUMMARY OF FINANCES: 1970 TO 1983

[**In millions of dollars, except percent.** Represents all municipalities (see table 470) and their dependent agencies (including dependent school systems where applicable); excludes other local governments overlying city areas. See text, p. 260. Except for 1982, includes sample-based estimates for cities of less than 50,000; thus subject to sampling variation. See Appendix III and source]

ITEM	1970	1975	1980	1981	1982	1983	PERCENT OF TOTAL	
							1970	1983
Revenue	**32,704**	**59,744**	**94,862**	**105,431**	**115,493**	**124,951**	**100.0**	**100.0**
General revenue	26,621	49,853	76,056	83,247	91,264	97,214	81.4	77.8
Intergovernmental revenue	7,906	19,648	28,270	29,841	31,621	32,200	24.2	25.8
From State governments only	6,173	13,053	15,939	16,998	19,003	19,729	18.9	15.8
Taxes	13,647	21,135	31,256	34,104	37,077	39,969	41.7	32.0
Property	9,127	13,046	16,859	18,278	19,519	20,815	27.9	16.7
Percent of total taxes	66.9	61.7	53.9	53.6	52.6	52.1	(x)	(x)
Sales and gross receipts	2,422	4,555	8,208	8,956	10,174	11,194	7.4	9.0
General	1,479	2,789	5,096	5,648	6,320	6,822	4.5	5.5
Selective	943	1,766	3,112	3,309	3,854	4,371	2.9	3.5
Income, licenses and other	2,098	3,534	6,189	6,869	7,384	7,960	6.4	6.4
Charges and miscellaneous	5,068	9,071	16,530	19,302	22,566	25,045	15.5	20.0
Current charges only	3,113	5,443	9,875	11,200	12,513	13,820	9.5	11.1
Utility and liquor store revenue	5,168	8,409	15,719	18,411	20,740	22,543	15.8	18.0
Water system	2,201	3,266	4,989	5,638	6,136	6,894	6.7	5.5
Electric power system	1,883	3,682	8,007	9,459	10,822	11,544	5.8	9.2
Gas supply system	292	448	1,444	1,797	2,086	2,396	.9	1.9
Transit system	671	821	1,032	1,246	1,421	1,436	2.1	1.1
Liquor stores	121	192	247	271	275	273	.4	.2
Insurance trust revenue	915	1,482	3,088	3,772	3,488	5,194	2.8	4.2
Expenditure	**34,173**	**60,703**	**93,699**	**104,470**	**112,833**	**120,432**	**100.0**	**100.0**
General expenditure	27,682	48,935	72,433	79,435	85,255	90,559	81.0	75.2
Police protection	2,994	5,420	8,200	8,959	9,922	10,735	8.8	8.9
Fire protection	1,762	2,968	4,535	4,973	5,432	5,941	5.2	4.9
Highways	2,499	3,861	5,977	6,745	6,906	7,521	7.3	6.2
Sewerage and other sanitation	2,553	5,229	7,907	9,159	9,503	10,391	7.5	8.6
Public welfare	2,215	3,846	3,601	4,051	4,509	4,765	6.5	4.0
Education	4,548	7,164	9,284	9,925	10,053	9,871	13.3	8.2
Libraries	407	632	883	956	1,010	1,124	1.2	.9
Health and hospitals	1,944	3,641	4,457	4,626	5,286	5,737	5.7	4.8
Parks and recreation	1,306	2,274	3,433	3,742	4,042	4,373	3.8	3.6
Housing and community development	1,154	1,752	3,459	4,148	4,685	4,335	3.4	3.6
Airports	435	615	1,100	1,245	1,428	1,430	1.3	1.2
Financial administration	457	819	1,843	1,932	2,181	2,242	1.3	1.9
General control	776	1,440	2,015	2,262	2,483	2,851	2.3	2.4
General public buildings	430	845	1,090	1,165	1,132	1,311	1.3	1.1
Interest on general debt	1,098	2,294	3,054	3,646	4,306	5,087	3.2	4.2
Other and unallocable	3,104	6,135	11,395	11,901	12,377	12,846	9.1	10.7
Utility and liquor store expenditure	5,489	9,896	18,274	21,586	23,887	25,849	16.1	21.5
Water system	2,337	3,776	5,933	6,894	7,521	8,321	6.8	6.9
Electric power system	1,811	3,779	8,596	10,148	11,185	11,561	5.3	9.6
Gas supply system	260	407	1,334	1,770	1,979	2,346	.8	1.9
Transit system	974	1,765	2,189	2,527	2,952	3,374	2.9	2.8
Liquor stores	107	169	222	247	250	246	.3	.2
Insurance trust expenditure	1,002	1,872	2,993	3,449	3,691	4,024	2.9	3.3
By character and object:								
Direct expenditure	33,792	59,989	91,692	102,403	110,710	117,649	98.9	97.7
Current operation	22,895	41,451	66,687	73,793	80,859	86,081	67.0	71.5
Capital outlay	7,103	12,054	16,285	18,580	18,686	19,010	20.8	15.8
Construction and equipment [1]	6,371	11,216	13,341	15,173	14,839	15,175	18.6	12.6
Land and existing structures [1]	733	838	2,944	3,407	3,847	3,835	2.1	3.2
Assistance payments	1,245	1,594	1,546	1,604	1,725	1,801	3.6	1.5
Interest on debt	1,547	3,018	4,182	4,976	5,748	6,734	4.5	5.6
Insurance benefits, repayments	1,002	1,872	2,992	3,449	3,691	4,024	2.9	3.3
Intergovernmental expenditure	381	714	2,007	2,068	2,123	2,782	1.1	2.3
Total salaries and wages [2]	*14,784*	*24,635*	*34,709*	*37,206*	*39,433*	*41,869*	*43.4*	*34.8*
Debt outstanding, year end	**43,773**	**65,239**	**86,019**	**91,302**	**98,421**	**111,282**	**100.0**	**100.0**
Long-term	38,870	55,789	82,346	87,086	93,598	106,374	88.8	95.6
Full faith and credit	22,005	31,886	39,570	37,791	38,721	41,788	50.3	37.6
Nonguaranteed	16,863	23,903	42,776	49,295	54,878	64,586	38.5	58.0
Short-term	4,903	9,450	3,673	4,216	4,822	4,908	11.2	4.4
Net long-term debt outstanding	36,087	51,437	72,528	76,331	81,295	83,345	82.4	74.9
Long-term debt issued	3,810	5,754	12,582	11,005	11,526	16,274	(x)	(x)
Long-term debt retired	2,310	3,656	5,541	5,651	5,471	7,816	(x)	(x)

X Not applicable. [1] Beginning 1980, equipment included with land and existing structures. [2] Included in items shown above.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF No. 4, annual.

No. 476. City Governments—Total And Per Capita Amounts For Selected Financial Items for Largest Cities: 1983

[Cities ranked by size of population enumerated as of **April 1, 1980,** except Honolulu ranked by county population. Data reflect inclusion of fiscal activity of dependent school systems, where applicable. Intercity comparisons should be made with caution due to variations in responsibilities among urban areas; for details, see text, p. 260, and source]

Cities ranked by population size, 1980	General revenue		Intergovernmental revenue		Taxes		Gross debt outstanding		General expenditure	
	Total (mil. dol.)	Per capita [1] (dol.)	Total (mil. dol.)	Per capita [1] (dol.)	Total (mil dol.)	Per capita [1] (dol.)	Total (mil. dol.)	Per capita [1] (dol)	Total (mil. dol.)	Per capita [1] (dol)
New York, NY [2]	19,288	2,728	8,027	1,135	8,655	1,224	11,491	1,625	16,412	2,321
Chicago, IL	2,063	686	743	247	1,017	338	1,233	410	2,087	694
Los Angeles, CA	1,808	609	366	123	858	289	3,117	1,050	1,673	564
Philadelphia, PA [2]	1,847	1,094	572	339	951	564	2,296	1,360	1,821	1,079
Houston, TX	1,003	629	129	81	535	335	1,821	1,142	1,066	668
Detroit, MI	1,352	1,123	691	574	453	377	923	767	1,283	1,066
Dallas, TX	512	566	62	68	296	328	631	697	477	528
San Diego, CA	404	462	106	121	160	183	168	192	342	390
Phoenix, AZ	523	663	231	293	145	183	738	934	510	646
Baltimore, MD [2]	1,392	1,770	809	1,028	391	497	1,005	1,277	1,262	1,604
San Antonio, TX	291	371	66	84	101	128	1,545	1,965	354	451
Honolulu, HI [2]	421	552	90	118	251	329	242	318	367	482
Indianapolis, IN [2]	480	685	174	249	165	236	404	577	467	667
San Francisco, CA [2]	1,514	2,229	585	862	481	708	1,104	1,625	1,141	1,681
Memphis, TN	620	959	361	558	150	232	602	931	545	843
Washington, DC [2]	2,371	3,714	838	1,312	1,329	2,081	1,999	3,130	2,337	3,661
Milwaukee, WI	419	659	211	331	102	160	450	707	393	617
San Jose, CA	368	585	86	137	144	228	226	359	262	417
Cleveland, OH	370	645	110	191	199	347	364	634	335	584
Columbus, OH	291	515	73	129	112	198	696	1,233	306	541
Boston, MA [2]	1,088	1,790	484	859	355	631	597	1,060	848	1,506
New Orleans, LA [2]	518	928	168	302	207	371	622	1,116	463	830
Jacksonville, FL [2]	391	722	94	174	122	225	771	1,425	332	614
Seattle, WA	419	848	119	242	171	346	692	1,402	361	730
Denver, CO [2]	645	1,309	143	291	248	504	668	1,356	509	1,035
Nashville-Davidson, TN [2]	482	1,058	121	265	239	525	817	1,794	457	1,002
St. Louis, MO [2]	415	916	113	249	217	479	247	546	406	896
Kansas City, MO	360	805	73	162	197	441	295	659	338	755
El Paso, TX	188	443	46	109	66	155	194	456	145	341
Atlanta, GA	459	1,081	83	195	147	347	982	2,311	367	864
Pittsburgh, PA	274	647	63	149	175	412	322	761	271	638
Oklahoma City, OK	233	577	38	94	120	297	343	851	183	452
Cincinnati, OH	308	800	78	202	140	363	189	490	307	798
Fort Worth, TX	194	503	39	102	91	236	281	729	190	493
Minneapolis, MN	356	960	139	375	98	263	1,140	3,072	318	857
Portland, OR	230	629	56	152	99	271	459	1,253	216	588
Long Beach, CA	369	1,021	88	243	96	266	239	661	376	1,041
Tulsa, OK	202	561	32	88	118	326	175	485	174	482
Buffalo, NY	478	1,335	314	878	108	301	282	788	503	1,406
Toledo, OH	161	455	43	120	74	209	182	514	160	452
Miami, FL	202	583	44	126	122	351	206	595	217	626
Baton Rouge, LA [2]	249	719	60	173	98	284	617	1,784	221	640
Austin, TX	259	748	31	91	80	231	950	2,746	254	734
Oakland, CA	307	905	52	152	108	319	541	1,594	296	871
Albuquerque, NM	265	799	108	324	67	201	576	1,734	224	675
Tucson, AZ	227	686	81	246	74	223	551	1,667	226	683
Newark, NJ	265	806	178	541	49	148	131	398	256	777
Charlotte, NC	183	579	50	158	80	254	238	755	163	518
Omaha, NE	159	507	44	141	83	265	162	516	148	471
Louisville, KY	126	423	40	133	81	271	431	1,443	108	361
Birmingham, AL	172	599	31	108	67	232	402	1,403	178	619
Wichita, KS	193	690	34	120	55	197	975	3,483	185	661
Sacramento, CA	156	566	18	65	59	214	70	252	153	553
Tampa, FL	179	660	39	145	67	245	201	739	179	661
St. Paul, MN	248	919	106	391	57	209	710	2,628	265	980
Norfolk, VA [2]	311	1,164	125	467	137	512	263	985	291	1,090
Virginia Beach, VA [2]	274	1,046	105	399	135	515	268	1,022	256	977
Rochester, NY	342	1,413	185	765	117	482	237	982	351	1,450
Akron, OH	90	379	39	166	16	66	100	422	136	572
St. Petersburg, FL	130	546	31	128	44	183	177	826	103	430
Corpus Christi, TX	105	454	24	102	47	203	180	774	107	460
Jersey City, NJ	268	1,199	140	626	77	343	132	591	316	1,413
Anaheim, CA	121	550	16	75	53	241	473	2,155	149	678
Richmond, VA [2]	302	1,377	105	477	155	705	376	1,717	342	1,562

[1] Based on enumerated population as of April 1, 1980.
[2] *Represents, in effect, city-county consolidated government.*

Source: U.S. Bureau of the Census, *City Government Finances,* series GF 83, No. 4, annual.

No. 477. City Governments—Finances,

[In millions of dollars. For fiscal year closed

Cities ranked by population size, 1980 [1]	Revenue								Gross debt outstanding
		General revenue						Utility revenue	
			Intergovernmental revenue		Taxes				
	Total [2]	Total [2]	From State and local govts.	From Federal Government	Total [2]	Property	Sales and gross receipts		
New York, NY [3]	22,569	19,288	6,723.8	1,303.3	8,654.7	3,825.7	2,215.1	1,364.2	11,491
Chicago, IL	2,496	2,063	258.3	485.0	1,017.1	378.5	546.2	158.2	1,233
Los Angeles, CA	3,415	1,808	129.2	237.1	858.2	328.7	367.6	1,233.7	3,117
Philadelphia, PA [3]	2,527	1,847	285.6	286.5	951.3	234.0	10.8	564.9	2,296
Houston, TX	1,206	1,003	20.4	108.8	535.1	289.0	234.7	134.3	1,821
Detroit, MI	1,642	1,352	307.3	383.5	453.1	181.1	47.2	130.7	923
Dallas, TX	657	512	7.8	54.0	296.3	160.0	130.3	99.3	631
San Diego, CA	512	404	57.1	48.6	159.8	56.7	92.2	57.2	168
Phoenix, AZ	596	523	145.9	85.2	144.7	49.2	87.2	54.5	738
Baltimore, MD [3]	1,531	1,392	700.1	108.9	391.3	253.8	35.7	34.3	1,005
San Antonio, TX	982	291	11.8	54.2	100.6	49.1	47.5	681.8	1,545
Honolulu, HI [3]	479	421	17.8	71.9	251.0	201.0	30.8	58.1	242
Indianapolis, IN [3]	488	480	117.4	57.0	165.4	153.6	8.7	6.1	404
San Francisco, CA [3]	1,832	1,514	391.7	193.5	480.7	227.4	119.5	155.7	1,104
Memphis, TN	1,341	620	257.4	103.2	149.8	109.5	21.1	661.5	602
Washington, DC [3]	2,634	2,371	14.4	823.3	1,328.5	'966.4	438.6	31.1	1,999
Milwaukee, WI	515	419	175.5	35.2	102.0	96.4	1.9	22.2	450
San Jose, CA	412	368	54.1	31.8	143.6	47.3	70.6	3.0	226
Cleveland, OH	461	370	42.7	67.0	199.3	43.6	.8	91.4	364
Columbus, OH	346	291	30.5	42.4	111.7	12.7	2.2	55.2	696
Boston, MA [3]	1,078	1,008	398.7	84.9	355.0	340.8	3.2	29.8	597
New Orleans, LA [3]	569	518	55.5	112.9	207.2	60.9	131.7	33.3	622
Jacksonville, FL [3]	819	391	53.4	40.5	121.5	88.0	27.3	407.6	771
Seattle, WA	626	419	89.5	29.9	171.0	48.8	80.2	173.3	692
Denver, CO [3]	728	645	98.2	45.0	248.4	75.5	149.8	63.2	668
Nashville-Davidson, TN [3]	860	482	85.1	35.6	239.1	128.0	91.4	355.9	817
St. Louis, MO [3]	471	415	40.8	72.0	216.8	34.4	97.6	16.3	247
Kansas City, MO	417	360	16.4	56.1	197.4	29.3	88.6	26.8	295
El Paso, TX	224	188	4.2	42.0	65.9	37.9	26.1	23.3	194
Atlanta, GA	535	459	21.5	61.3	147.4	84.6	43.6	37.2	982
Pittsburgh, PA	305	274	19.4	43.8	174.5	82.7	12.5	19.9	322
Oklahoma City, OK	256	233	3.7	34.4	120.0	21.8	93.1	19.8	343
Cincinnati, OH	377	308	34.4	43.6	140.0	31.4	1.2	31.7	189
Fort Worth, TX	247	194	10.9	28.3	91.1	53.0	36.4	27.1	281
Minneapolis, MN	462	356	82.9	56.1	97.7	79.5	11.0	20.7	1,140
Portland, OR	261	230	24.5	31.2	99.3	72.9	14.6	26.1	459
Long Beach, CA	542	369	54.9	32.8	96.0	34.4	51.0	173.4	239
Tulsa, OK	230	202	7.7	24.0	117.7	9.4	105.5	23.3	175
Buffalo, NY	493	478	234.3	80.0	107.8	96.3	8.9	15.7	282
Toledo, OH	177	161	18.1	24.5	74.0	9.7	.4	15.4	182
Miami, FL	225	202	19.7	23.8	121.6	73.0	36.2	-	206
Baton Rouge, LA [3]	271	249	32.2	27.7	98.4	24.6	66.9	2.2	617
Austin, TX	638	259	8.6	22.7	80.1	45.4	32.0	361.5	950
Oakland, CA	324	307	18.6	33.1	108.3	46.4	41.3	-	541
Albuquerque, NM	295	265	72.0	35.8	66.8	31.6	32.7	29.8	576
Tucson, AZ	272	227	53.2	28.1	73.8	10.1	59.4	37.6	551
Newark, NJ	283	265	147.9	30.2	48.6	34.7	3.3	16.3	131
Charlotte, NC	209	183	25.4	24.4	80.3	65.6	10.5	16.9	238
Omaha, NE	168	159	22.2	21.9	83.2	40.6	38.8	-	162
Louisville, KY	143	126	12.0	27.9	80.9	26.4	7.3	3.2	431
Birmingham, AL	192	172	5.9	25.0	66.6	17.0	21.6	-	402
Wichita, KS	219	193	14.0	19.6	55.2	40.4	12.5	14.9	975
Sacramento, CA	182	156	10.4	7.5	58.9	19.6	32.1	8.2	70
Tampa, FL	219	179	18.0	21.4	66.5	28.1	33.7	17.9	201
St. Paul, MN	270	248	45.3	60.5	56.5	36.3	17.1	15.4	710
Norfolk, VA [3]	342	311	98.6	26.1	136.6	75.4	46.7	19.6	263
Virginia Beach, VA [3]	290	274	89.9	14.7	134.9	77.3	40.6	15.5	268
Rochester, NY	357	342	145.9	39.1	116.5	104.1	1.1	15.8	237
Akron, OH	107	90	11.4	28.0	15.6	11.0	.1	16.7	100
St. Petersburg, FL	156	130	14.0	16.5	43.7	24.5	17.3	17.9	197
Corpus Christi, TX	146	105	4.1	19.6	47.2	23.7	22.6	40.9	180
Jersey City, NJ	284	268	134.4	5.5	76.6	75.2	-	12.4	132
Anaheim, CA	258	121	10.1	6.3	52.9	20.4	29.2	137.4	473
Richmond, VA [3]	411	302	83.1	21.4	154.5	91.6	40.7	98.4	376

- Represents zero or rounds to zero.
[1] Ranks based on *1980 Census of Population*, vol. 1, chapter A (PC80-1-A).
[2] Includes categories not shown separately.
[3] Represents, in effect, city-county consolidated government.

LARGEST CITIES: 1983

in the 12 months ending **June 30, 1983.** See headnote, table 476]

EXPENDITURE										
	General expenditure									
Total [2]	Total [2]	Education	Highways	Public welfare	Health and hospitals	Police protection	Fire protection	Housing and community development	Utility expenditure	CITIES RANKED BY POPULATION SIZE, 1980 [1]
20,434	16,412	3,609.7	457.8	3,530.7	1,769.7	933.0	474.9	1,023.2	2,547	New York, NY [3]
2,360	2,087	22.4	149.5	64.3	53.1	429.5	150.6	124.9	104	Chicago, IL
3,132	1,673	-	77.9	-	.6	330.5	142.8	117.4	1,128	Los Angeles, CA
2,538	1,821	45.4	56.1	77.6	123.4	232.9	79.5	153.9	578	Philadelphia, PA [3]
1,251	1,066	-	74.9	-	32.6	158.4	124.1	14.5	152	Houston, TX
1,552	1,283	4.7	110.4	-	65.2	190.6	61.1	123.2	206	Detroit, MI
638	477	-	47.7	-	7.0	85.4	46.5	16.0	125	Dallas, TX
445	342	-	27.2	-	4.1	66.9	29.7	22.4	78	San Diego, CA
617	510	2.9	73.2	.9	.8	85.5	38.2	26.5	100	Phoenix, AZ
1,335	1,262	347.5	251.7	.7	117.7	96.1	53.9	28.0	32	Baltimore, MD [3]
1,091	354	7.2	29.4	1.2	17.0	42.9	23.5	16.1	729	San Antonio, TX
470	367	-	32.2	-	4.4	57.0	27.3	19.6	102	Honolulu, HI [3]
507	467	3.0	31.3	47.3	97.4	44.9	21.1	7.6	22	Indianapolis, IN [3]
1,566	1,141	27.0	6.1	139.1	199.0	98.4	56.7	47.9	299	San Francisco, CA [3]
1,232	545	228.7	26.3	.1	9.8	49.1	37.0	22.1	656	Memphis, TN
2,659	2,337	426.9	68.5	375.2	229.9	157.9	52.4	120.6	64	Washington, DC [3]
453	393	-	40.5	-	15.2	79.2	36.3	28.8	28	Milwaukee, WI
276	262	-	48.3	-	2.4	45.9	28.5	6.7	3	San Jose, CA
426	335	-	18.8	1.8	11.6	83.5	42.3	29.2	91	Cleveland, OH
407	306	-	17.0	-	10.7	54.6	32.1	13.5	101	Columbus, OH
1,004	848	245.2	17.8	5.5	100.7	66.4	51.1	43.6	25	Boston, MA [3]
528	463	-	24.1	9.4	8.1	49.6	27.7	40.9	40	New Orleans, LA [3]
754	332	-	22.8	5.1	60.9	42.0	23.9	22.2	402	Jacksonville, FL [3]
605	361	-	60.3	-	3.2	51.1	33.3	21.9	208	Seattle, WA
598	509	.2	26.1	71.0	84.0	63.7	34.1	6.2	82	Denver, CO [3]
866	457	151.2	20.6	5.2	50.2	31.8	18.8	10.4	387	Nashville-Davidson, TN [3]
442	406	2.7	15.3	1.2	75.7	63.4	21.7	35.0	17	St. Louis, MO [3]
377	338	16.8	25.5	.2	23.2	54.6	23.2	22.3	29	Kansas City, MO
180	145	.7	10.8	-	4.6	23.3	15.0	4.8	29	El Paso, TX
441	367	4.4	15.2	5.0	-	42.2	21.0	17.1	37	Atlanta, GA
311	271	-	25.3	-	4.0	41.2	28.1	39.7	19	Pittsburgh, PA
217	183	-	18.2	-	.1	25.3	19.9	10.6	32	Oklahoma City, OK
360	307	-	19.4	-	20.7	43.2	33.1	39.8	31	Cincinnati, OH
244	190	-	32.3	-	5.2	25.9	20.2	6.8	46	Fort Worth, TX
374	318	-	39.9	-	6.8	32.2	21.5	57.3	17	Minneapolis, MN
286	216	.1	18.3	-	1.2	40.0	25.4	16.3	52	Portland, OR
561	376	2.0	18.5	-	5.6	54.3	34.7	24.8	185	Long Beach, CA
218	174	-	21.9	-	2.7	22.6	20.7	12.5	43	Tulsa, OK
514	503	189.8	20.8	-	1.2	28.9	24.3	78.0	11	Buffalo, NY
173	160	-	14.9	-	2.9	24.9	18.1	11.0	13	Toledo, OH
235	217	-	16.1	-	-	40.4	26.1	13.4	-	Miami, FL
233	221	-	18.7	2.9	19.5	27.5	12.6	6.9	4	Baton Rouge, LA [3]
655	254	.5	13.2	.7	72.2	6.5	15.5	3.6	396	Austin, TX
323	296	1.6	11.0	-	.1	34.9	21.9	55.7	-	Oakland, CA
277	224	-	18.2	-	4.2	27.0	15.3	11.7	52	Albuquerque, NM
285	226	-	26.2	1.8	-	27.1	17.3	18.9	57	Tucson, AZ
288	256	[4] 2.0	1.0	29.5	6.9	41.9	28.7	22.9	26	Newark, NJ
191	163	-	21.0	-	.1	20.7	15.5	12.8	26	Charlotte, NC
152	148	.1	20.1	-	2.5	21.0	16.6	7.6	-	Omaha, NE
117	108	-	10.1	-	5.7	24.2	15.6	10.0	3	Louisville, KY
186	178	1.3	17.2	-	1.4	19.8	17.5	10.9	-	Birmingham, AL
211	185	-	18.8	-	7.1	15.0	10.5	2.3	19	Wichita, KS
174	153	-	6.2	-	-	30.5	19.8	-	13	Sacramento, CA
216	179	-	6.9	-	-	24.9	15.2	7.9	25	Tampa, FL
289	265	-	21.2	-	4.8	17.5	17.8	19.7	17	St. Paul, MN
311	291	98.1	12.5	18.8	15.4	19.6	14.7	14.3	14	Norfolk, VA [3]
276	256	118.9	19.4	6.6	6.4	16.9	8.9	.4	20	Virginia Beach, VA [3]
362	351	149.2	19.9	-	-	22.9	18.4	23.8	11	Rochester, NY
157	136	-	13.8	-	3.9	17.9	14.8	29.8	21	Akron, OH
143	103	-	13.7	-	-	19.6	9.3	4.5	34	St. Petersburg, FL
157	107	-	18.2	.2	4.2	11.6	8.3	2.1	50	Corpus Christi, TX
335	316	122.8	4.6	7.6	50.7	25.8	20.5	1.5	16	Jersey City, NJ
324	149	-	10.5	-	-	23.0	10.9	30.1	175	Anaheim, CA
469	342	110.0	14.2	36.0	5.5	21.2	18.5	19.8	120	Richmond, VA [3]

[4] Effective fiscal year 1982-83, city no longer has dependent schools.

Source: U.S. Bureau of the Census, *City Government Finances in 1982-83,* series GF83, No. 4.

No. 478. City Governments—Finances, by Population-Size Groups: 1983

[Represents all municipalities (see table 470) and their dependent agencies, including dependent school systems where applicable]

Item	All cities [1]	Cities having a 1980 population of—						
		Less than 50,000 [1]	50,000 to 99,999	100,000 to 199,999	200,000 to 299,999	300,000 to 499,999	500,000 to 999,999	1,000,000 or more
Number of cities, 1983	19,111	18,690	250	100	22	26	17	6
Population, 1980 (1,000)	141,166	66,126	17,204	13,432	5,273	9,963	11,636	17,532
FINANCES, 1983 (mil. dol.)								
General revenue [2]	**97,362**	**27,857**	**9,453**	**9,145**	**3,763**	**7,890**	**11,894**	**27,360**
Taxes [2]	40,118	10,537	4,156	3,613	1,469	3,165	4,708	12,470
Property	20,964	6,285	2,717	2,337	770	1,302	2,316	5,237
Percent of total taxes	52.3	59.6	65.4	64.7	52.4	41.1	49.2	42.0
Sales and gross receipts	11,193	2,868	1,043	913	467	1,232	1,249	3,421
Intergovernmental [2]	32,200	8,058	2,627	2,993	1,212	2,235	4,546	10,529
From State governments	19,729	4,704	1,561	1,827	679	1,119	2,312	7,527
From Federal government	10,666	2,529	930	960	441	988	2,014	2,804
Revenue sharing	2,468	877	267	239	142	205	242	496
Current charges	13,820	4,831	1,476	1,527	582	1,266	1,485	2,653
Water supply and other utilities revenue [3]	22,543	10,073	1,856	2,328	683	1,535	2,482	3,586
General expenditure [2]	**90,559**	**26,197**	**9,144**	**9,017**	**3,835**	**7,284**	**10,740**	**24,342**
Police and fire protection	16,676	5,516	2,015	1,796	711	1,498	1,832	3,308
Education	9,871	1,406	1,043	1,480	600	372	1,288	3,682
Sewerage and sanitation	10,391	4,263	1,106	983	399	796	1,078	1,766
Highways	7,521	3,378	882	728	275	549	782	927
Health and hospitals	5,737	1,485	407	363	145	397	896	2,044
Housing and community development	4,335	681	428	373	216	568	512	1,557
Public welfare	4,765	103	56	151	78	118	586	3,673
Interest on general debt	5,087	1,695	522	431	266	513	593	1,067
Water supply and other utilities expenditure [3]	25,849	11,007	2,082	2,527	821	1,799	2,898	4,715
Gross debt outstanding	**111,282**	**39,567**	**10,675**	**10,409**	**6,106**	**11,482**	**12,162**	**20,881**
Long-term	106,374	37,819	10,081	10,025	5,899	11,165	11,588	19,797
Short-term	4,908	1,748	594	384	207	317	574	1,084
PERCENT DISTRIBUTION								
General revenue [2]	**100.0**	**28.6**	**9.7**	**9.4**	**3.9**	**8.1**	**12.2**	**28.1**
Taxes [2]	100.0	26.3	10.4	9.0	3.7	7.9	11.7	31.1
Property	100.0	30.0	13.0	11.1	3.7	6.2	11.0	25.0
Sales and gross receipts	100.0	25.6	9.3	8.2	4.2	11.0	11.2	30.6
Intergovernmental	100.0	25.0	8.2	9.3	3.8	6.9	14.1	32.7
Current charges	100.0	35.0	10.7	11.0	4.2	9.2	10.7	19.2
General expenditure [2]	**100.0**	**28.9**	**10.1**	**10.0**	**4.2**	**8.0**	**11.9**	**26.9**
Police and fire protection	100.0	33.1	12.1	10.8	4.3	9.0	11.0	19.8
Education	100.0	14.2	10.6	15.0	6.1	3.8	13.0	37.3
Sewerage and sanitation	100.0	41.0	10.6	9.5	3.8	7.7	10.4	17.0
Highways	100.0	44.9	11.7	9.7	3.7	7.3	10.4	12.3
Health and hospitals	100.0	25.9	7.1	6.3	2.5	6.9	15.6	35.6
Housing and community development	100.0	15.7	9.9	8.6	5.0	13.1	11.8	35.9
Public welfare	100.0	2.2	1.2	3.2	1.6	2.5	12.3	77.1
Interest on general debt	100.0	33.3	10.3	8.5	5.2	10.1	11.7	21.0
PER CAPITA [4] (dollars)								
General revenue [2]	**690**	**421**	**594**	**681**	**714**	**792**	**1,022**	**1,561**
Taxes [2]	284	159	242	269	279	318	405	711
Property	149	95	158	174	146	131	199	299
Sales and gross receipts	79	43	61	68	89	124	107	195
Intergovernmental [2]	228	122	153	223	230	224	391	601
From State governments	140	71	91	136	129	112	199	429
From Federal government	76	38	54	71	84	99	173	160
Revenue sharing	17	13	16	18	27	21	21	28
Current charges	98	73	86	114	110	127	128	151
Water supply and other utilities revenue [3]	160	152	108	173	130	154	213	205
General expenditure [2]	**642**	**396**	**532**	**671**	**727**	**731**	**923**	**1,388**
Police and fire protection	118	83	117	134	135	150	157	189
Education	70	21	61	110	114	37	111	210
Sewerage and sanitation	74	64	64	73	76	80	93	101
Highways	53	51	51	54	52	55	67	53
Health and hospitals	41	22	24	27	28	40	77	116
Public welfare	34	2	3	11	15	12	50	209
Housing and community development	31	10	25	28	41	57	44	89
Interest on general debt	36	26	30	32	50	51	51	61
Water supply and other utilities expenditure [3]	183	166	121	188	156	181	249	269
Gross debt outstanding	**789**	**598**	**621**	**775**	**1,158**	**1,153**	**1,045**	**1,191**
Long-term	754	572	586	746	1,119	1,121	996	1,129
Short-term	35	26	35	29	39	32	49	62

[1] Data are estimates subject to sampling variation, see source and Appendix III. [2] Includes items not shown separately. [3] Includes liquor stores. [4] Based on resident population enumerated as of April 1, 1980.

Source: U.S. Bureau of the Census, *City Government Finances in 1982–83*, series GF83, No. 4.

No. 479. Estimated State and Local Taxes Paid by a Family of Four in Selected Large Cities, by Income Level: 1984

[Data based on average family of four (one wage earner, wife or husband, and two school age children) owning their own home and living in a city where taxes apply. Comprises State and local sales, income, auto, and real estate taxes. For definition of median, see Guide to Tabular Presentation.]

City	Total taxes paid by gross family income level (dol.)					Percent of income by income level				
	$15,000	$25,000	$35,000	$50,000	$75,000	$15,000	$25,000	$35,000	$50,000	$75,000
Albuquerque	1,134	1,731	2,559	3,894	6,142	7.6	6.9	7.3	7.8	8.2
Atlanta	995	1,828	2,715	4,119	6,238	6.6	7.3	7.8	8.2	8.3
Baltimore	1,678	2,991	4,146	5,913	8,572	11.2	12.0	11.9	11.8	11.4
Boise City	1,097	2,055	3,100	4,700	7,152	7.3	8.2	8.9	9.4	9.5
Boston	1,174	2,102	3,042	4,617	7,150	7.8	8.4	8.7	9.2	9.5
Bridgeport	1,770	2,721	3,736	5,465	7,803	11.8	10.9	10.7	10.9	10.4
Burlington	1,230	2,021	2,924	4,487	7,185	8.2	8.1	8.4	9.0	9.6
Charlotte	1,174	2,042	2,959	4,451	6,741	7.8	8.2	8.5	8.9	9.0
Chicago	1,218	2,065	2,928	4,214	6,099	8.1	8.3	8.4	8.4	8.1
Cleveland	1,326	2,371	3,497	5,237	8,111	8.8	9.5	10.0	10.5	10.8
Columbia	1,158	2,094	3,088	4,712	7,143	7.7	8.4	8.8	9.4	9.5
Des Moines	*1,404*	*2,480*	*3,660*	*5,582*	*8,516*	9.4	9.9	10.5	11.2	11.4
Detroit	1,791	3,082	4,357	6,310	9,399	11.9	12.3	12.5	12.6	12.5
Honolulu	1,177	2,108	3,108	4,745	7,374	7.9	8.4	8.9	9.5	9.8
Indianapolis	1,301	2,029	3,514	5,014	7,337	8.7	8.1	10.0	10.0	9.8
Jackson, MS	815	1,374	2,103	3,322	5,126	5.4	5.5	6.0	6.6	6.8
Milwaukee	1,981	3,351	4,836	7,147	10,693	13.2	13.4	13.8	14.3	14.3
Minneapolis	1,204	2,836	4,911	7,802	12,293	8.0	11.3	14.0	15.6	16.4
Newark, NJ	3,048	4,871	6,845	9,819	14,236	20.3	19.5	19.6	19.6	19.0
New York City	1,603	2,987	4,791	7,848	12,640	10.7	12.0	13.7	15.7	16.9
Norfolk	1,190	1,987	2,831	4,205	6,235	7.9	8.0	8.1	8.4	8.3
Omaha	1,087	1,738	2,477	3,808	6,026	7.3	7.0	7.1	7.6	8.0
Philadelphia	1,842	2,933	4,026	5,582	7,997	12.3	11.7	11.5	11.2	10.7
Portland, ME	1,357	2,338	3,636	5,741	9,417	9.1	9.4	10.4	11.5	12.6
Portland, OR	1,453	2,755	4,098	6,111	9,542	9.7	11.0	11.7	12.2	12.7
Providence	1,992	3,225	4,614	7,083	10,883	13.3	12.9	13.2	14.2	14.5
Salt Lake City	1,268	2,155	3,056	4,414	6,334	8.5	8.6	8.7	8.8	8.5
St. Louis	1,371	2,295	3,257	4,735	6,874	9.1	9.2	9.3	9.5	9.2
Washington, DC	1,418	2,527	3,802	5,925	9,115	9.5	10.1	10.9	11.9	12.2
Wilmington	1,747	3,085	4,521	6,925	11,086	11.7	12.3	12.9	13.9	14.8
Median [1]	1,158	1,987	2,831	4,205	6,334	7.7	8.0	8.1	8.4	8.5

[1] Median of all 51 cities. For complete list of cities, see table 480.

No. 480. Residential Property Tax Rates in Selected Large Cities: 1984

City	Effective tax rate per $100		Assessment level (percent)	Nominal rate per $100	City	Effective tax rate per $100		Assessment level (percent)	Nominal rate per $100
	Rank	Rate				Rank	Rate		
Newark, NJ	1	6.29	50.0	12.58	Memphis	26	1.54	22.3	6.91
Detroit	2	4.04	49.1	8.22	Boise City	27	1.53	100.0	1.53
Wilmington	3	3.47	70.0	4.95	New York City	28	1.42	15.6	9.10
Providence	4	3.36	48.3	6.96	Fargo	29	1.40	4.5	31.20
Milwaukee	5	3.34	99.9	3.34	Louisville	30	1.27	90.0	1.40
Baltimore	6	2.70	43.5	6.21	Atlanta	31	1.23	24.4	5.03
Des Moines	7	2.68	72.5	3.69	Charlotte	32	1.20	94.5	1.27
Manchester	8	2.67	33.0	8.10	Columbia	33	1.18	4.0	29.55
Philadelphia	9	2.62	35.0	7.48	Norfolk	34	1.14	91.0	1.25
Indianapolis	10	2.56	20.0	12.78	Washington, DC	35	1.14	93.0	1.22
Bridgeport	11	2.39	30.0	7.97	Jackson, MS	36	1.12	15.0	7.45
Portland, OR	12	2.37	96.0	2.47	Billings	37	1.09	3.7	29.34
Portland, ME	*13*	*2.35*	*90.0*	*2.61*	Charleston, WV	38	1.07	62.0	1.73
Minneapolis	14	2.31	[1] 20.4	11.30	*New Orleans*	39	1.06	10.0	10.57
Sioux Falls	15	2.15	31.2	6.89	Wichita	40	1.02	7.8	13.11
St. Louis	16	2.15	33.2	6.45	Phoenix	41	1.00	10.0	10.02
Chicago	17	1.99	[2] 19.8	10.05	Salt Lake City	42	1.00	12.0	8.31
Omaha	18	1.98	72.4	2.74	Seattle	43	.95	94.5	1.00
Cleveland	19	1.97	35.0	5.16	Little Rock	44	.91	11.0	8.28
Jacksonville	20	1.85	94.0	1.97	Las Vegas	45	.80	33.7	2.36
Albuquerque	21	1.80	33.3	5.39	Anchorage	46	.78	79.0	.99
Burlington	22	1.79	24.0	7.44	Denver	47	.70	7.8	8.99
Boston	23	1.71	100.0	1.71	Birmingham	48	.70	10.0	6.95
Houston	24	1.68	100.0	1.68	Los Angeles	49	.66	61.2	1.07
Oklahoma City	25	1.59	13.5	11.77	Honolulu	50	.61	90.0	.68
					Casper	51	.59	7.4	7.90

[1] Statutory assessment levels: 16% first $27,000, 22% next $27,000, and 28% over $54,000. Level noted is for $75,000.
[2] Assessment level of 10.25% × statewide equalization factor of 1.9288.

Source of tables 479 and 480: Government of the District of Columbia, Department of Finance and Revenue, *Tax Burdens in Washington, DC Compared With Those in The Largest City in Each of the 50 States, 1984.*

No. 481. Governmental Employment and Payrolls: 1960 to 1984

[For **October.** Covers both full-time and part-time employees. See table 714 for related data. Except for 1977 and 1982, local government data are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series Y 272–307]

TYPE OF GOVERNMENT	1960 [1]	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
EMPLOYEES (1,000)											
Total	**8,808**	**13,028**	**14,973**	**15,459**	**15,628**	**15,971**	**16,213**	**15,968**	**15,841**	**16,034**	**16,436**
Federal (civilian) [2]	2,421	2,881	2,890	2,848	2,885	2,869	2,898	2,865	2,848	2,875	2,942
State and local	6,387	10,147	12,084	12,611	12,743	13,102	13,315	13,103	12,993	13,159	13,494
Percent of total	72.5	77.9	80.7	81.6	81.5	82.0	82.1	82.1	82.0	82.1	82.1
State	1,527	2,755	3,271	3,491	3,539	3,699	3,753	3,726	3,744	3,816	3,898
Local	4,860	7,392	8,813	9,120	9,204	9,403	9,562	9,377	9,249	9,344	9,595
Counties	(NA)	1,229	1,563	1,761	1,768	1,804	1,853	1,808	1,824	1,811	1,872
Municipalities	(NA)	2,244	2,506	2,469	2,509	2,553	2,561	2,469	2,397	2,424	2,434
School districts	(NA)	3,316	3,969	4,127	4,113	4,200	4,270	4,222	4,194	4,211	4,387
Townships	(NA)	330	392	361	411	401	394	386	356	379	386
Special districts	(NA)	275	383	402	403	445	484	492	478	519	516
OCTOBER PAYROLLS (mil. dol.)											
Total	**3,333**	**8,334**	**13,224**	**15,338**	**16,483**	**18,077**	**19,935**	**21,193**	**23,173**	**24,525**	**26,904**
Federal (civilian) [2]	1,118	2,428	3,584	3,918	4,344	4,728	5,205	5,239	5,959	6,301	7,137
State and local	2,215	5,906	9,640	11,420	12,139	13,349	14,730	15,954	17,214	18,224	19,767
Percent of total	66.5	70.9	72.9	74.5	73.7	73.8	73.9	75.3	74.2	74.3	73.5
State	524	1,612	2,653	3,195	3,483	3,869	4,285	4,668	5,022	5,346	5,815
Local	1,691	4,294	6,987	8,225	8,656	9,480	10,445	11,287	12,192	12,878	13,952
Counties	(NA)	640	1,183	1,489	1,564	1,726	1,936	2,083	2,287	2,387	2,596
Municipalities	(NA)	1,361	2,129	2,412	2,535	2,729	2,951	3,222	3,428	3,640	3,872
School districts	(NA)	2,032	3,160	3,707	3,897	4,272	4,683	5,021	5,442	5,729	6,283
Townships	(NA)	122	215	250	269	291	330	349	370	398	421
Special districts	(NA)	140	300	367	392	463	546	612	665	724	780
AVERAGE ANNUAL PERCENT CHANGE [3]											
Employees, total	**3.5**	**4.2**	**2.8**	**2.1**	**1.1**	**2.2**	**1.5**	**−1.5**	**−.8**	**.7**	**2.5**
Federal (civilian) [2]	.4	2.2	.6	−.7	1.3	−.5	1.0	−1.2	−.6	.9	2.4
State	(NA)	6.3	3.5	3.3	1.4	4.5	1.5	−.7	−.5	1.8	2.1
Local	(NA)	4.4	3.6	1.7	.9	2.2	1.7	−1.9	−1.4	.2	2.7
Counties	(NA)	4.7	4.9	6.2	.4	2.0	2.7	−2.4	.9	.4	3.4
Municipalities	(NA)	3.6	2.2	−.7	1.6	1.8	.3	−3.6	−2.9	−1.5	.4
School districts	(NA)	5.0	3.7	2.0	−.3	2.1	1.7	−1.1	−.7	.7	4.2
Townships	(NA)	3.2	3.5	−4.0	13.9	−2.4	−1.7	−2.0	−.8	.5	1.8
Special districts	(NA)	3.8	6.9	2.5	.2	10.4	8.8	1.7	−2.8	3.4	−.6
Payrolls, total	**8.0**	**11.3**	**9.4**	**7.7**	**7.5**	**9.7**	**10.3**	**6.3**	**9.3**	**6.1**	**9.7**
Federal (civilian) [2]	5.7	10.3	8.1	4.6	10.9	8.7	10.1	.6	13.7	5.7	13.3
State	(NA)	13.7	10.5	9.7	9.0	11.1	10.8	8.9	7.6	6.3	8.8
Local	(NA)	11.0	10.2	8.5	5.2	9.5	10.2	8.1	8.0	6.1	8.3
Counties	(NA)	11.2	13.1	12.2	5.0	10.4	12.2	7.6	9.8	5.9	8.8
Municipalities	(NA)	10.7	9.4	6.4	5.1	7.7	8.1	9.2	6.4	6.3	6.4
School districts	(NA)	11.3	9.2	8.3	5.1	9.6	9.6	7.2	8.4	6.0	9.7
Townships	(NA)	8.5	12.0	7.8	7.6	8.2	13.4	5.8	6.0	5.6	5.8
Special districts	(NA)	10.0	16.5	10.6	6.8	18.1	17.9	12.1	8.7	6.8	7.7

NA Not available. [1] Due to classification change in subsequent year, type of government detail not available. [2] Includes employees outside U.S. [3] Represents average for period of interval shown; for 1960, change from 1955; 1970, change from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (−) indicates decrease.

Source: U.S. Bureau of the Census, *1982 Census of Governments, Vol. 6, No. 5, Historical Statistics on Governmental Finances and Employment,* and *Public Employment,* series GE No. 1, annual.

No. 482. Governmental Employment and Payrolls, by Level of Government and by Function: 1984

[For **October.** Covers both full-time and part-time employees. Local government data are estimates subject to sampling variation; see source and Appendix III]

FUNCTION	EMPLOYEES (1,000)					OCTOBER PAYROLLS (mil. dol.)				
	Total	Federal (civilian) [1]	State and local			Total	Federal (civilian) [1]	State and local		
			Total	State	Local			Total	State	Local
Total	**16,436**	**2,942**	**13,494**	**3,898**	**9,595**	**26,904**	**7,137**	**19,767**	**5,815**	**13,952**
National defense [2]	1,069	1,069	(x)	(x)	(x)	2,667	2,667	(x)	(x)	(x)
Postal Service	709	709	(x)	(x)	(x)	1,640	1,640	(x)	(x)	(x)
Education	7,037	15	7,022	1,707	5,314	9,873	38	9,835	2,178	7,657
Teachers	3,901	(x)	3,901	513	3,388	6,865	(x)	6,865	994	5,871
Highways	544	4	540	248	293	862	12	850	431	419
Health and hospitals	1,653	261	1,392	676	716	2,587	594	1,993	1,018	975
Public welfare	418	12	407	179	228	598	30	568	278	290
Police protection	749	65	684	80	604	1,419	183	1,236	162	1,074
Fire protection	316	(x)	316	(x)	316	518	(x)	518	(x)	518
Sanitation and sewerage	221	(x)	221	1	220	337	(x)	337	1	336
Parks and recreation	250	(x)	250	31	219	261	(x)	261	36	225
Natural resources	440	245	195	158	37	872	584	288	242	46
Financial administration	429	115	314	126	187	697	242	454	208	246
All other	2,599	446	2,153	693	1,460	4,573	1,148	3,425	1,261	2,165

X Not applicable. [1] Includes employees outside United States. [2] Includes international relations.

Source: U.S. Bureau of the Census, *Public Employment,* series GE No. 1, annual.

No. 483. State and Local Government Employment, Payrolls, and Average Earnings, by Type of Government: 1960 to 1984

[Except for 1982, local government data are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 274–289 and Y 292–307]

Type of government and function	1960	1970	1975	1978	1979	1980	1981	1982	1983	1984
	EMPLOYEES, OCTOBER (1,000)									
Total	**6,387**	**10,147**	**12,084**	**12,743**	**13,102**	**13,315**	**13,103**	**12,993**	**13,159**	**13,494**
Full-time	5,320	8,024	9,397	9,946	10,193	10,314	10,214	10,161	10,162	10,388
Part-time	1,067	2,123	2,687	2,797	2,909	3,000	2,889	2,833	2,997	3,105
FULL-TIME EQUIVALENT										
State and local	5,570	8,528	10,098	10,724	10,944	11,047	10,917	10,862	10,885	11,143
Education	2,525	4,258	4,952	5,202	5,291	5,341	5,302	5,230	5,237	5,395
Health and hospitals	654	951	1,134	1,256	1,279	1,296	1,294	1,314	1,290	1,287
Police protection	304	450	544	566	589	591	596	604	606	618
Public welfare	114	250	339	364	366	372	369	378	376	383
Other	1,973	2,621	3,130	3,337	3,419	3,447	3,356	3,336	3,376	3,460
State, total [1]	1,411	2,302	2,744	2,966	3,072	3,106	3,087	3,080	3,116	3,177
Education	390	803	952	1,016	1,046	1,063	1,063	1,053	1,072	1,091
Health and hospitals	331	482	570	635	653	650	654	653	638	644
Highways	240	297	271	260	257	255	244	241	239	244
Local, total [1]	4,159	6,226	7,354	7,758	7,871	7,941	7,830	7,782	7,769	7,966
Education	2,136	3,455	4,000	4,187	4,245	4,278	4,240	4,178	4,165	4,304
Health and hospitals	324	469	562	621	626	646	639	662	652	643
Police protection	272	394	476	495	515	519	523	529	530	539
Highways	259	271	298	295	285	277	265	268	265	275
Counties [1]	672	1,098	1,408	1,606	1,621	1,651	1,609	1,616	1,601	1,645
Education	(NA)	228	279	331	341	351	344	343	345	356
Health and hospitals	(NA)	227	281	327	323	325	320	324	309	317
Public welfare	(NA)	111	139	150	153	158	156	163	157	162
Municipalities [1]	1,447	1,922	2,142	2,163	2,190	2,166	2,111	2,087	2,060	2,190
Education	(NA)	359	376	361	366	360	346	317	300	300
Health and hospitals	(NA)	158	165	170	165	166	163	169	163	158
Police protection	(NA)	299	349	355	366	365	365	367	369	373
Fire protection	(NA)	169	184	182	203	190	191	193	189	191
School districts	1,727	2,786	3,243	3,393	3,435	3,468	3,453	3,426	3,428	3,555
Townships	302	192	237	245	250	249	245	238	242	239
Special districts		228	324	351	374	406	413	414	438	437
	PAYROLLS, OCTOBER (mil. dol.)									
Total	**2,215**	**5,906**	**9,640**	**12,139**	**13,349**	**14,730**	**15,954**	**17,214**	**18,224**	**19,767**
Full-time	(NA)	5,598	9,018	11,335	12,506	13,792	14,953	16,146	17,048	18,468
Part-time	(NA)	309	622	804	843	938	1,002	1,069	1,175	1,299
Education	1,095	3,170	4,960	6,186	6,757	7,451	8,002	8,545	9,007	9,835
Health and hospitals	198	529	909	1,186	1,322	1,476	1,627	1,796	1,882	1,993
Police protection	129	339	585	722	814	869	975	1,072	1,145	1,236
Public welfare	39	150	272	350	380	413	459	507	532	568
Other	755	1,719	2,916	3,695	4,076	4,522	4,892	5,294	5,658	6,135
State, total [1]	545	1,612	2,653	3,483	3,869	4,285	4,668	5,022	5,346	5,815
Education	172	630	1,022	1,333	1,451	1,608	1,768	1,870	1,989	2,178
Health and hospitals	104	283	472	625	692	761	837	980	953	1,018
Highways	90	193	251	298	314	346	354	377	393	431
Local, total [1]	1,691	4,294	6,987	8,656	9,480	10,445	11,287	12,192	12,878	13,952
Education	923	2,539	3,939	4,853	5,306	5,843	6,234	6,675	7,018	7,657
Health and hospitals	93	246	437	561	630	714	789	885	929	975
Police protection	116	296	510	626	708	750	851	934	1,000	1,074
Highways	88	149	238	282	298	314	333	366	384	419
Counties [1]	229	640	1,183	1,564	1,726	1,936	2,083	2,287	2,387	2,595
Education	(NA)	149	252	357	391	444	479	511	544	594
Health and hospitals	(NA)	117	217	289	320	362	393	440	443	481
Public welfare	(NA)	61	106	131	147	159	173	196	197	215
Municipalities [1]	583	1,361	2,129	2,535	2,729	2,951	3,222	3,428	3,640	3,872
Education	(NA)	299	425	478	514	564	583	568	581	604
Health and hospitals	(NA)	90	143	170	178	189	212	227	249	248
Police protection	(NA)	231	384	465	515	534	608	662	713	761
Fire protection	(NA)	137	217	252	281	300	341	375	394	421
School districts	735	2,032	3,160	3,897	4,272	4,683	5,021	5,442	5,729	6,283
Townships	118	122	215	269	291	330	349	370	398	421
Special districts		140	300	392	463	546	612	665	724	780
	AVERAGE OCTOBER EARNINGS (dol.)									
Full-time employees:										
State and local	399	697	961	1,139	1,227	1,337	1,464	1,589	1,678	1,777
Education	437	756	1,013	1,201	1,285	1,402	1,514	1,641	1,727	1,829
Other	368	642	912	1,085	1,175	1,279	1,419	1,544	1,634	1,731

NA Not available. [1] Includes other categories not shown separately.

Source: U.S. Bureau of the Census, *1982 Census of Governments*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment; Public Employment*, series GE No. 1, annual; and unpublished data.

No. 484. State and Local Government Employment (Full-Time Equivalent) by Selected Function, 1970 to 1984, and by State, 1984

[In thousands, for October. Except 1982, local government data are estimates subject to sampling variation; see source and Appendix III. For composition of regions, see fig. 1 inside front cover]

Year, region, division, and state	Education				Health and hospitals		Highways		Police and fire protection		Public welfare	
	Total		Higher education									
	State	Local	State	Local	State	Local	State	Local	State [1]	Local	State	Local
1970	803.0	3,454.6	722.2	119.4	482.0	469.0	296.8	271.4	55.8	583.7	97.3	152.5
1975	952.1	4,000.0	849.2	191.2	568.4	562.3	271.5	298.1	68.6	690.1	157.1	182.3
1980	1,062.8	4,278.3	947.7	212.1	649.8	646.4	255.3	277.4	75.5	745.0	171.5	200.4
1981	1,062.5	4,239.6	951.7	210.2	654.3	639.3	244.1	265.4	73.1	753.1	169.4	199.7
1982	1,052.5	4,177.8	944.5	213.2	652.6	661.6	241.4	268.0	75.3	760.4	169.9	208.6
1983	1,072.1	4,164.8	965.7	193.9	637.9	651.9	239.5	265.4	75.9	760.3	172.5	203.1
1984	**1,091.0**	**4,303.7**	**981.2**	**197.6**	**644.1**	**642.9**	**243.9**	**274.5**	**78.7**	**774.4**	**174.5**	**208.7**
Region:												
Northeast	145.6	875.4	128.7	29.1	172.7	107.6	52.3	65.2	19.2	186.2	37.6	83.1
Midwest	304.9	1,060.4	285.0	48.4	126.3	152.3	48.3	77.9	15.8	182.3	44.5	56.2
South	401.5	1,560.0	360.4	58.1	257.5	259.6	98.0	88.6	25.2	249.0	70.5	28.7
West	239.0	808.0	207.1	62.0	87.7	123.4	45.2	42.8	18.4	156.7	21.9	38.8
N. Eng	**51.4**	**220.3**	**44.9**	**.2**	**41.4**	**14.0**	**15.4**	**14.1**	**4.7**	**48.7**	**15.4**	**5.0**
ME	6.0	23.0	4.7	-	2.6	1.1	2.6	1.6	.5	2.9	1.7	.1
NH	5.9	16.8	5.6	-	2.3	.1	1.7	1.3	.3	3.1	1.1	1.9
VT	3.6	10.4	3.4	-	1.1	-	1.1	.9	.4	.9	.7	-
MA	16.9	97.6	15.5	.2	20.0	11.4	4.6	6.0	1.7	26.5	8.2	1.1
RI	6.3	15.2	5.4	-	4.0	.1	1.1	.8	.2	4.2	1.5	-
CT	12.8	57.3	10.3	-	11.4	1.4	4.4	3.4	1.4	11.2	2.2	1.8
Mid Atl	**94.1**	**655.1**	**83.8**	**28.9**	**131.3**	**93.6**	**36.9**	**51.1**	**14.5**	**137.5**	**22.2**	**78.0**
NY	46.4	310.4	41.2	16.7	80.7	74.3	14.5	30.6	5.3	77.3	6.8	51.3
NJ	23.0	152.0	20.1	6.5	20.2	14.0	8.3	10.2	4.3	30.6	4.8	9.8
PA	24.8	192.7	22.6	5.8	30.4	5.2	14.1	10.3	4.9	29.6	10.6	17.0
E. No. Cent	**206.7**	**829.6**	**193.9**	**34.6**	**77.8**	**103.6**	**26.2**	**49.8**	**10.6**	**135.4**	**27.9**	**44.5**
OH	50.7	182.6	48.4	2.8	21.4	26.1	8.5	13.0	2.0	32.0	1.4	18.5
IN	34.4	196.9	30.1	-	10.6	19.5	4.9	5.3	1.7	15.3	1.3	6.5
IL	39.7	192.5	37.1	16.2	18.9	22.6	7.3	11.8	3.3	47.3	10.7	5.0
MI	48.6	173.1	46.5	9.1	18.6	24.8	3.7	9.7	2.9	24.9	13.1	3.1
WI	33.2	84.5	31.7	6.5	8.3	10.7	1.8	10.0	.7	15.8	1.4	11.4
W. No. Cent	**98.2**	**330.9**	**91.1**	**13.8**	**48.5**	**48.7**	**22.1**	**28.0**	**5.2**	**46.9**	**16.6**	**13.7**
MN	24.2	68.7	22.8	-	9.9	13.1	4.7	6.4	.8	9.1	1.4	8.7
IA	18.8	58.6	17.6	4.4	9.5	8.3	3.2	5.6	.8	6.6	3.5	2.3
MO	17.2	88.5	15.2	3.5	14.6	16.6	6.0	5.2	1.8	16.5	5.3	.5
ND	5.5	14.5	5.2	.2	2.7	.2	1.0	1.2	.3	1.4	.4	.7
SD	4.3	14.7	3.8	-	1.9	.7	1.1	1.5	.3	1.5	1.0	.2
NE	12.6	32.4	11.9	1.9	4.0	3.6	2.4	3.2	.5	4.1	2.5	.7
KS	15.6	53.4	14.6	3.9	6.1	6.1	3.6	4.9	.7	7.6	2.5	.5
So. Atl	**177.8**	**750.0**	**159.9**	**33.5**	**128.2**	**131.2**	**51.3**	**35.5**	**14.1**	**128.1**	**26.7**	**21.5**
DE	4.9	10.1	4.6	-	3.2	.1	1.2	.4	.6	1.2	.7	-
MD	23.1	79.4	20.9	6.1	17.4	2.5	4.8	5.0	2.2	15.8	5.6	.8
DC	(x)	12.3	(x)	1.5	(x)	5.4	(x)	1.0	(x)	5.9	(x)	1.7
VA	35.1	112.3	32.3	-	23.6	4.5	10.1	3.3	2.0	16.6	.9	5.8
WV	10.9	42.1	9.4	-	5.8	4.6	5.5	1.1	.8	3.6	2.7	-
NC	27.9	127.9	24.9	10.0	17.5	23.0	11.0	3.0	2.5	15.5	1.1	8.3
SC	21.9	65.2	18.9	-	15.3	10.0	4.6	2.0	1.5	7.9	3.8	.2
GA	27.1	112.7	24.1	.9	21.5	43.8	6.1	7.3	1.7	19.0	5.5	.4
FL	27.0	188.0	24.8	14.9	24.0	37.3	7.9	12.4	2.8	42.5	6.4	4.2
E. So. Cent	**86.4**	**261.2**	**75.2**	**3.9**	**44.5**	**54.7**	**18.6**	**20.8**	**4.7**	**40.0**	**16.2**	**4.1**
KY	21.2	63.2	17.5	-	7.8	7.2	6.5	2.8	1.7	8.0	4.2	.5
TN	24.9	76.8	22.8	-	13.6	16.2	5.0	6.6	1.1	14.8	5.0	2.6
AL	25.9	67.4	22.0	-	13.8	17.4	4.1	6.6	.9	11.0	4.2	.8
MS	14.4	53.7	13.0	3.9	9.8	13.9	3.0	4.8	1.0	6.2	2.8	.2
W. So. Cent	**137.4**	**548.9**	**125.1**	**20.7**	**84.7**	**73.6**	**28.2**	**32.4**	**6.5**	**80.9**	**27.7**	**3.1**
AR	13.1	43.9	10.8	-	7.5	5.3	3.5	3.2	.8	5.4	2.3	.4
LA	28.2	83.5	23.5	.1	24.0	11.7	6.8	6.1	1.2	14.7	5.2	.7
OK	21.4	62.8	19.4	-	11.0	8.3	3.6	5.6	1.6	10.3	8.7	.2
TX	74.7	358.6	71.4	20.6	41.9	48.3	14.2	17.4	2.9	50.5	11.6	1.8
Mt	**80.5**	**240.6**	**74.6**	**8.3**	**25.4**	**28.4**	**16.7**	**14.4**	**4.7**	**40.9**	**8.8**	**5.6**
MT	4.6	18.4	4.2	.2	1.5	1.3	1.8	1.4	.3	2.0	1.0	.9
ID	5.5	18.8	5.1	.6	2.0	2.8	1.7	1.4	.3	2.6	.6	.1
WY	2.6	14.3	2.3	1.4	1.5	3.7	1.7	.9	.3	1.9	.6	-
CO	19.9	59.2	19.1	1.0	6.9	7.8	2.9	4.3	.9	11.1	.9	2.7
NM	12.5	28.4	11.9	-	5.8	2.5	2.6	1.6	.7	4.6	1.7	.2
AZ	16.5	58.4	14.4	5.0	2.7	4.3	2.9	2.9	1.6	10.2	2.0	1.1
UT	14.8	29.7	13.8	-	4.0	1.3	1.8	1.4	.5	3.9	1.5	.4
NV	4.1	13.5	3.9	-	1.1	4.6	1.3	.7	.3	4.5	.6	.2
Pac	**158.5**	**567.4**	**132.4**	**53.8**	**62.2**	**94.9**	**28.5**	**28.4**	**13.7**	**115.8**	**13.0**	**33.2**
WA	28.7	67.3	27.1	-	10.8	7.5	5.5	5.0	1.3	12.8	5.1	.6
OR	12.4	54.9	11.6	5.3	6.4	3.7	3.2	3.1	1.1	8.3	3.2	.5
CA	88.8	435.4	64.6	48.4	39.4	82.9	15.8	18.6	10.9	89.0	2.7	31.8
AK	6.9	9.8	3.5	-	.8	.7	3.2	.6	.5	1.5	1.1	.2
HI	21.7	-	5.6	-	4.9	.2	.8	1.2	-	4.2	1.0	.1

- Represents zero. X Not applicable. [1] For State government, represents police protection only.

Source: U.S. Bureau of the Census, *1982 Census of Governments*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Public Employment*, series GE, No. 1, annual.

NO. 485. STATE AND LOCAL GOVERNMENT FULL-TIME EQUIVALENT EMPLOYMENT AND AVERAGE EARNINGS—BY STATE: 1980 AND 1984

[For **October.** For composition of regions, see fig. I inside front cover]

REGION, DIVISION, AND STATE	FULL-TIME EQUIVALENT EMPLOYMENT (1,000)				FULL-TIME EQUIVALENT EMPLOYMENT PER 10,000 POPULATION [2]				AVERAGE OCTOBER EARNINGS [3] (DOL.)			
	State		Local [1]		State		Local [1]		State		Local [1]	
	1980	1984	1980	1984	1980	1984	1980	1984	1980	1984	1980	1984
U.S.	**3,106**	**3,177**	**7,941**	**7,966**	**137**	**135**	**351**	**337**	**1,373**	**1,825**	**1,323**	**1,759**
Region:												
Northeast	618	658	1,760	1,713	126	132	358	344	1,367	1,937	1,423	1,889
Midwest	747	726	2,010	1,943	127	123	342	329	1,422	1,846	1,347	1,756
South	1,134	1,166	2,659	2,749	151	145	353	341	1,221	1,621	1,114	1,511
West	608	624	1,511	1,561	141	136	350	334	1,627	2,074	1,535	2,066
N. Eng	**188**	**189**	**399**	**371**	**152**	**150**	**323**	**295**	**1,261**	**1,808**	**1,384**	**1,738**
ME	18	19	33	34	161	162	297	291	1,266	1,628	1,083	1,589
NH	14	15	27	27	156	157	293	275	1,230	1,499	1,083	1,462
VT	11	10	14	14	215	198	267	266	1,251	1,684	1,063	1,416
MA	78	75	209	181	136	130	364	312	1,214	1,764	1,453	1,794
RI	20	20	25	24	211	213	260	252	1,326	1,796	1,443	1,949
CT	46	48	91	91	149	154	296	287	1,320	2,063	1,454	1,834
Mid. Atl	**430**	**470**	**1,361**	**1,342**	**117**	**126**	**370**	**361**	**1,413**	**1,987**	**1,434**	**1,931**
NY	215	260	731	738	123	146	416	416	1,432	2,108	1,493	2,045
NJ	87	88	283	273	119	117	384	363	1,415	1,931	1,407	1,857
PA	127	122	348	331	107	102	293	278	1,379	1,764	1,333	1,738
E. No. Cent	**491**	**471**	**1,400**	**1,354**	**118**	**113**	**336**	**326**	**1,468**	**1,919**	**1,406**	**1,806**
OH	115	113	358	350	107	105	331	326	1,321	1,754	1,299	1,677
IN	67	66	181	176	121	119	330	320	1,399	1,842	1,121	1,488
IL	124	117	385	373	108	102	338	324	1,451	1,946	1,485	1,873
MI	125	113	309	291	136	125	334	321	1,620	2,104	1,600	2,063
WI	60	62	166	164	127	129	354	344	1,580	1,927	1,402	1,817
W. No. Cent	**256**	**255**	**610**	**589**	**149**	**146**	**355**	**336**	**1,335**	**1,709**	**1,210**	**1,640**
MN	55	54	148	137	135	131	364	330	1,577	2,213	1,401	1,916
IA	45	46	103	98	155	157	353	337	1,361	1,872	1,226	1,566
MO	65	61	163	158	133	123	332	315	1,231	1,438	1,112	1,572
ND	13	13	20	22	193	197	309	325	1,322	1,633	1,309	1,761
SD	12	12	22	23	180	168	320	327	1,244	1,601	994	1,299
NE	28	29	64	61	180	182	410	382	1,151	1,392	1,207	1,593
KS	38	39	89	89	160	159	376	365	1,309	1,639	1,092	1,528
So. Atl	**567**	**569**	**1,337**	**1,356**	**153**	**144**	**362**	**344**	**1,240**	**1,615**	**1,147**	**1,579**
DE	16	16	16	15	262	264	265	241	1,265	1,626	1,197	1,730
MD	82	79	149	134	194	182	353	308	1,308	1,668	1,429	1,985
DC	(X)	(X)	49	48	(X)	(X)	762	763	(X)	(X)	1,775	2,338
VA	94	95	175	182	176	168	327	324	1,240	1,664	1,189	1,587
WV	40	35	60	61	204	178	307	310	1,066	1,404	1,091	1,424
NC	87	88	212	213	147	143	360	346	1,298	1,628	1,091	1,451
SC	61	62	100	102	196	186	319	311	1,234	1,586	978	1,295
GA	83	82	224	224	152	141	410	384	1,193	1,628	995	1,332
FL	105	112	354	376	107	102	364	343	1,242	1,600	1,177	1,651
E. So. Cent	**223**	**231**	**482**	**471**	**152**	**154**	**329**	**313**	**1,183**	**1,559**	**1,036**	**1,344**
KY	58	59	97	99	158	159	265	266	1,179	1,576	1,108	1,406
TN	63	65	162	152	137	138	353	323	1,172	1,537	1,084	1,425
AL	63	64	134	128	161	160	344	320	1,260	1,740	1,013	1,347
MS	40	43	90	92	159	164	355	354	1,052	1,300	903	1,135
W. So. Cent	**344**	**368**	**839**	**922**	**145**	**141**	**354**	**353**	**1,213**	**1,670**	**1,106**	**1,499**
AR	38	36	69	70	164	154	301	297	1,097	1,481	927	1,219
LA	81	86	142	149	193	193	339	335	1,163	1,572	1,022	1,388
OK	56	61	102	108	186	184	338	327	1,190	1,555	1,029	1,373
TX	169	185	525	595	119	116	370	372	1,272	1,792	1,168	1,582
Mt	**191**	**192**	**399**	**424**	**168**	**153**	**351**	**337**	**1,418**	**1,866**	**1,308**	**1,734**
MT	16	15	28	29	199	184	357	352	1,335	1,790	1,190	1,680
ID	15	15	31	31	158	146	323	310	1,353	1,711	1,106	1,451
WY	9	10	21	25	193	194	450	483	1,470	1,901	1,287	1,766
CO	43	42	106	111	147	133	368	350	1,588	2,190	1,320	1,754
NM	34	32	43	48	259	227	330	334	1,262	1,683	1,136	1,531
AZ	37	36	100	104	137	118	368	340	1,405	1,888	1,461	1,900
UT	26	29	42	45	177	176	287	274	1,415	1,712	1,263	1,640
NV	12	13	28	31	152	138	349	343	1,498	1,871	1,401	1,868
Pac	**416**	**432**	**1,112**	**1,138**	**131**	**126**	**350**	**333**	**1,725**	**2,167**	**1,618**	**2,192**
WA	71	72	133	133	173	165	322	306	1,526	1,852	1,555	2,000
OR	43	41	92	89	164	154	350	331	1,397	1,827	1,402	1,784
CA	249	261	859	886	105	102	363	346	1,867	2,321	1,642	2,246
AK	17	21	15	19	416	417	387	376	2,065	2,755	2,301	3,184
HI	36	38	12	12	378	363	125	112	1,403	1,744	1,395	1,801

X Not applicable. [1] Estimates subject to sampling variation; see source and Appendix III. [2] 1980 based on enumerated resident population as of April 1; 1984 estimated as of July 1. [3] For full-time employees.

Source: U.S. Bureau of the Census, *Public Employment*, series GE, No. 1, annual.

No. 486. State and Local Government Costs for Employee Benefits, by State: 1982

[For October]

STATE	Payroll (mil dol.)	SELECTED BENEFIT COSTS ($1,000)				STATE	Payroll (mil dol.)	SELECTED BENEFIT COSTS ($1,000)			
		Total [1]	Social security	Retirement [2]	Health insurance [3]			Total [1]	Social security	Retirement [2]	Health insurance [3]
Total [4]	**17,214**	**3,802,033**	**719,127**	**1,890,595**	**885,135**	MT	68	11,915	3,837	3,908	2,902
AL	242	52,262	18,340	23,163	8,656	NE	123	18,051	6,447	4,729	5,686
AK	93	22,241	1,565	13,567	5,074	NV	77	12,886	135	7,439	3,746
AZ	235	43,184	13,757	15,687	10,034	NH	50	9,296	2,333	2,681	2,820
AR	121	27,299	7,056	14,426	4,478	NJ	590	114,840	19,492	53,504	29,589
CA	2,194	523,930	55,587	296,204	133,369	NM	112	16,009	5,340	5,758	3,012
CO	247	40,018	3,557	21,614	10,655	NY	1,736	554,507	109,943	302,820	106,063
CT	213	46,479	8,588	16,406	16,079	NC	374	66,882	24,667	26,388	11,930
DE	48	13,792	3,160	6,640	3,527	ND	54	7,465	2,617	2,349	1,972
FL	670	138,806	38,222	66,775	24,802	OH	703	147,232	251	83,699	46,594
GA	379	71,764	17,720	34,451	15,602	OK	232	47,965	13,193	23,546	7,064
HI	82	20,865	5,265	12,798	1,696	OR	212	62,120	12,242	28,568	15,711
ID	61	11,570	3,488	4,474	2,594	PA	709	187,570	32,260	88,230	48,003
IL	860	160,959	18,678	74,734	45,243	RI	72	19,093	3,443	7,292	6,550
IN	342	59,609	18,117	23,805	14,120	SC	194	22,651	8,120	8,750	4,556
IA	206	37,764	13,188	12,070	9,451	SD	42	5,831	2,399	1,811	1,318
KS	172	34,771	11,615	13,069	7,523	TN	285	54,242	11,220	27,170	10,487
KY	200	33,479	7,839	16,100	6,800	TX	1,058	187,235	42,241	100,942	31,575
LA	308	46,364	4,033	25,577	12,038	UT	108	28,337	6,165	14,746	6,186
ME	67	14,113	1,557	8,631	2,592	VT	33	6,396	1,793	2,486	1,711
MD	362	89,877	19,860	43,814	21,129	VA	385	72,741	19,383	36,862	11,264
MA	408	96,715	853	59,916	26,465	WA	342	101,919	21,429	50,430	24,257
MI	751	191,958	30,003	88,246	54,673	WV	118	24,925	6,025	6,813	10,046
MN	332	65,849	16,972	24,650	16,391	WI	362	92,128	21,473	43,171	22,230
MS	139	21,845	7,727	10,321	2,761	WY	54	10,297	3,186	4,098	2,410
MO	292	47,829	11,650	22,767	10,118						

[1] Includes unemployment insurance, workers' compensation or disability, life insurance, uniform and equipment allowance, bonuses and cash awards, severance pay and other benefits. [2] Government-administered and commercial plans. [3] Health and hospital insurance. [4] Selected benefit costs include data for District of Columbia's special district, public schools, and the University of DC, not shown separately. Payroll includes total payroll.

Source: U.S. Bureau of the Census, *1982 Census of Governments*, vol. 3, No. 2S, *Compendium of Public Employment.*

No. 487. State and Local Governments—Labor-Management Relations Summary: 1977 to 1982

[As of October. Number of employees in thousands]

ITEM	1977, total	1980, total	1982							
			Total	State governments	Local government					
					Total	County	Municipal	Township	Special district	School district
Governments, total	79,928	79,928	82,973	50	82,923	3,041	19,089	16,764	28,947	15,082
With a labor relations policy [1]	13,094	14,302	13,384	42	13,342	782	2,603	1,167	953	7,837
By type of policy:										
Collective negotiations	10,735	12,252	11,793	31	11,762	708	2,190	1,130	732	7,002
Meet and confer discussions	7,571	7,791	6,464	36	6,428	434	1,414	593	547	3,440
Employees, total full and part-time	12,765	13,315	12,993	3,744	9,249	1,824	2,397	356	478	4,194
Education	6,703	6,841	6,729	1,618	5,111	426	382	111	(z)	4,192
Hospitals	1,105	1,154	1,163	564	599	268	143	3	185	-
Police protection	622	659	670	76	594	141	410	44	-	-
Local fire protection	270	308	298	-	298	23	229	30	17	-
All other functions	4,066	4,353	4,133	1,485	2,647	967	1,234	168	276	3
Full and part-time [2] employees belonging to an employee organization	4,710	5,031	4,868	1,097	3,771	547	1,090	143	150	1,840
Education	2,556	2,686	2,627	253	2,374	174	277	82	-	1,840
Hospitals	374	403	316	229	87	52	17	1	16	-
Police protection	292	301	304	35	269	49	200	20	-	-
Local fire protection	153	156	154	-	154	9	132	7	5	-
All other functions	1,335	1,485	1,468	580	888	262	463	34	129	(z)
Full-time employees, total	9,861	10,314	10,161	2,847	7,314	1,530	1,997	221	389	3,177
Who belong to an employee organization	4,710	5,031	4,645	1,066	3,579	537	1,053	138	142	1,709
Labor-management agreements, total	30,442	34,751	36,883	1,130	35,753	3,409	8,823	4,135	1,722	17,664
Contractual agreements	23,564	27,274	29,759	827	28,932	2,748	6,599	3,566	1,071	14,948
Memoranda of understanding	6,878	7,477	7,124	303	6,821	661	2,224	569	651	2,716
Employees covered by contractual agreements	3,755	4,271	4,517	1,052	3,465	481	1,003	134	120	1,727
As percent of all employees	29.4	32.1	34.8	28.1	37.5	26.4	41.8	37.7	25.1	41.2
Bargaining units	30,131	34,278	33,846	1,065	32,781	3,301	8,526	3,532	1,504	15,918
Employees represented by bargaining units	4,726	5,115	5,137	1,162	3,975	582	1,171	138	151	1,933

- Represents zero. Z Fewer than 500. [1] Detail by type of policy exceeds total because of governments with both types of policies. [2] 1977 and 1980 amounts are for full-time employees only.

Source: U.S. Bureau of the Census, *1977* and *1982 Census of Governments*, vol. 3 No. 3, and *Labor-Management Relations in State and Local Governments: 1980*, series GSS 102.

No. 488. City Government Employment and Payrolls: 1960 to 1984

[For **October**. 1972, 1977, and 1982 based on complete census of all cities; other years based on sample and subject to sampling variation. Includes only those school systems operated as part of the city government. Represents average for period of intervals shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (–) indicates decrease]

YEAR	ALL EMPLOYEES, FULL-TIME AND PART-TIME (1,000)		OCTOBER PAYROLLS (mil. dol.)		AVERAGE ANNUAL PERCENT CHANGE		FULL-TIME EQUIVALENT EMPLOYMENT (1,000)			AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES (dollars)	
	Total	Excl. education	Total	Excl. education	All employees	October payroll	Total	Education	Other	Education	Other
1960	1,692	1,439	583	471	3.3	7.1	1,447	225	1,222	502	387
1965	1,884	1,560	818	649	2.2	7.0	1,638	282	1,356	603	480
1970	2,244	1,815	1,361	1,062	3.6	10.7	1,922	359	1,563	838	681
1971	2,273	1,838	1,482	1,167	1.3	8.9	1,960	366	1,594	876	735
1972	2,375	1,918	1,654	1,302	4.5	11.6	2,029	378	1,650	951	792
1973	2,471	1,992	1,855	1,441	4.0	12.2	2,109	402	1,707	1,045	846
1974	2,491	2,009	1,985	1,560	.8	7.0	2,127	405	1,722	1,060	909
1975	2,506	2,074	2,129	1,725	.6	8.3	2,142	376	1,767	1,130	972
1976	2,443	2,021	2,235	1,804	–2.5	5.0	2,107	360	1,747	1,207	1,035
1977	2,511	2,084	2,415	1,959	2.8	8.0	2,168	358	1,812	1,280	1,087
1978	2,511	2,086	2,537	2,059	(z)	5.1	2,165	361	1,804	1,341	1,148
1979	2,553	2,121	2,729	2,215	1.7	7.6	2,189	364	1,825	1,414	1,231
1980	2,561	2,130	2,942	2,403	.3	7.8	2,166	360	1,806	1,501	1,338
1981	2,469	2,056	3,222	2,640	–3.6	9.5	2,111	346	1,765	1,686	1,500
1982	2,396	2,015	3,426	2,861	–2.9	6.4	2,088	317	1,770	1,791	1,625
1983	2,423	2,051	3,640	3,059	–.7	6.5	2,060	300	1,760	1,962	1,739
1984	2,434	2,070	3,872	3,268	.4	6.4	2,090	293	1,797	2,033	1,831

Z Less than .05 percent.

Source: U.S. Bureau of the Census, *Census of Governments, 1972, 1977,* and *1982, Vol. 3, No. 2, Compendium of Public Employment,* and *City Employment,* series GE, No. 2, annual.

No. 489. City Government Employment and Payrolls—All Cities and Cities With 50,000 Population or More, by Function: 1980 to 1984

[For **October**]

ITEM	EMPLOYEES (1,000)						OCTOBER PAYROLLS (mil. dol.)					
	All cities [1]			Cities with 50,000 population or more [2]			All cities [1]			Cities with 50,000 population or more [2]		
	1980	1983	1984	1980	1983	1984	1980	1983	1984	1980	1983	1984
Total	**2,561**	**2,423**	**2,434**	**1,645**	**1,549**	**1,558**	**2,942**	**3,640**	**3,872**	**2,182**	**2,680**	**2,837**
Full-time	2,071	1,973	2,007	1,437	1,350	1,376	2,826	3,494	3,731	2,111	2,589	2,758
Part-time	489	450	427	208	198	182	116	146	141	71	90	80
Full-time equivalent	**2,166**	**2,060**	**2,090**	**1,493**	**1,404**	**1,422**	(X)	(X)	(X)	(X)	(X)	(X)
Education [3]	360	300	300	304	255	251	539	581	604	463	511	520
Percent of total	17	15	14	20	18	18	18	16	16	21	19	18
Instructional staff	266	219	222	224	186	188	436	473	492	376	416	427
Others	94	80	78	80	68	64	102	108	112	87	95	93
Highways	121	116	121	60	59	61	141	178	196	77	102	112
Public welfare	41	43	44	38	39	40	47	69	71	45	64	67
Hospitals	131	129	123	87	85	84	143	192	189	102	138	140
Health	35	34	34	32	31	31	47	57	59	44	53	54
Police protection	365	369	373	224	226	229	550	713	761	389	479	512
Fire protection	190	189	191	130	128	130	300	394	421	218	289	307
Sewerage	60	61	64	32	32	35	74	96	106	44	55	62
Sanitation	104	92	91	63	55	55	118	134	137	81	93	95
Parks and recreation	103	96	97	72	66	67	116	139	149	84	99	106
Housing, urban renewal	44	43	43	38	38	38	57	72	78	51	65	70
Correction	18	21	24	17	20	23	27	42	50	26	41	49
Libraries	34	34	38	25	27	27	38	47	53	28	37	39
Financial administration	69	67	68	38	36	37	85	105	113	51	62	67
General control	112	108	117	66	61	64	147	186	207	96	115	125
Local utilities [4]	209	215	219	139	145	149	306	403	431	225	303	325
Water supply	93	95	96	50	52	52	116	150	161	70	91	98
Electric power	44	46	48	24	26	28	67	93	105	41	61	70
Transit	66	67	68	62	64	65	115	150	155	110	145	150
All other functions	171	142	141	127	101	100	208	232	246	159	174	185

X Not applicable. [1] Data are estimates subject to sampling variation; see source and Appendix III. [2] Based on 1980 population. [3] City-operated schools and colleges only. [4] Includes gas supply, not shown below.

Source: U.S. Bureau of the Census, *City Employment,* series GE, No. 2, annual.

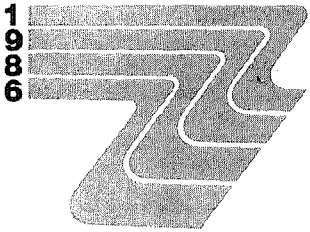
No. 490. City Government Employment and Payroll—Selected Large Cities: 1980 to 1984

[For October. See text, p. 260. Rate based on *1980 Census of Population*, volume 1, chapter A]

Cities ranked by population-size, 1980	Full-time equivalent employment						October payroll (mil. dol.)			Average earnings in October, full-time employees (dol.)	
	Total (1,000)			Per 10,000 population [1]							
	1980	1983	1984	1980	1983	1984	1980	1983	1984	1980	1984
New York, NY [2 3]	319	337	335	451	476	472	504	710	724	1,587	2,170
Chicago, IL	45	[4] 44	[4] 44	150	[4] 146	[4] 146	71	[4] 89	[4] 89	1,569	[4] 2,039
Los Angeles, CA	41	40	42	138	136	138	74	100	114	1,806	2,743
Philadelphia, PA	32	[4] 32	32	189	[4] 192	194	51	[4] 59	67	1,611	2,097
Houston, TX	18	18	20	111	110	113	26	33	36	1,499	1,853
Detroit, MI	22	18	18	179	151	156	40	37	39	1,852	2,207
Dallas, TX	14	14	15	153	156	154	20	27	28	1,465	1,945
San Diego, CA	[5] 7	7	7	[5] 81	83	80	[5] 12	15	16	[5] 1,773	2,203
Phoenix, AZ	9	9	9	114	108	108	14	17	19	1,517	2,147
Baltimore, MD [2 3]	40	33	[6] 30	514	415	[6] 388	48	54	[6] 53	1,172	[6] 1,765
San Antonio, TX	10	11	12	128	144	143	13	19	22	1,282	1,841
Indianapolis, IN	12	11	11	174	157	153	13	16	17	1,098	1,542
San Francisco, CA	21	24	24	310	346	346	37	54	61	1,761	2,545
Memphis, TN [2]	22	[4] 23	[4] 23	342	[4] 350	[4] 350	29	[4] 41	[4] 41	1,335	[4] 1,824
Washington, DC [2 3]	42	38	40	651	599	627	73	87	90	1,761	2,286
Milwaukee, WI	9	9	9	145	138	138	15	18	19	1,631	2,155
San Jose, CA	4	4	4	60	65	63	7	11	12	1,714	2,885
Cleveland, OH	9	9	8	160	153	151	13	16	16	1,460	1,925
Columbus, OH	7	6	6	122	110	111	10	11	12	1,498	1,856
Boston, MA [2]	[5] 25	[7] 19	[7] 19	[5] 444	[7] 344	[7] 341	[5] 35	[7] 36	[7] 36	[5] 1,398	[7] 1,895
New Orleans, LA	[8] 13	11	11	[8] 225	197	199	[8] 12	16	16	[8] 919	1,421
Jacksonville, FL	[9] 11	8	8	[9] 202	146	148	[9] 11	13	17	[9] 1,013	2,031
Seattle, WA	9	9	9	188	173	174	17	20	21	1,830	2,514
Denver, CO	12	12	11	244	236	218	18	23	24	1,540	2,132
Nashville-Davidson, TN [2]	[10] 17	16	16	[10] 374	340	346	[10] 22	26	28	[10] 1,295	1,757
St. Louis, MO	13	10	10	280	220	222	16	17	17	1,279	1,756
Kansas City, MO	7	7	7	145	161	159	9	12	13	1,368	1,840
El Paso, TX	4	4	4	104	102	96	6	6	7	1,260	1,529
Atlanta, GA	8	7	8	187	174	177	10	11	12	1,230	1,559
Pittsburgh, PA	[8] 6	6	6	[8] 135	145	145	[8] 6	12	12	[8] 1,116	1,978
Oklahoma City, OK	4	5	5	104	112	106	6	7	8	1,323	1,849
Cincinnati, OH	7	[4] 6	6	174	[4] 155	162	10	[4] 12	11	1,527	1,801
Fort Worth, TX	[9] 5	5	5	[9] 120	123	122	[9] 6	8	9	[9] 1,198	1,819
Minneapolis, MN	5	5	5	136	124	123	9	10	11	1,821	2,419
Portland, OR	4	[4] 4	4	115	[4] 111	117	8	[4] 9	10	1,916	2,301
Honolulu, HI	9	8	8	117	109	105	12	15	15	1,401	1,853
Long Beach, CA	[5] 4	[5] 5	5	[5] 122	[4] 131	125	[5] 7	[4] 10	11	[5] 1,678	2,418
Tulsa, OK	[5] 4	[5] 4	[5] 4	[5] 115	[5] 115	[5] 115	[5] 5	[5] 5	[5] 5	[5] 1,184	[5] 1,184
Buffalo, NY [2]	13	11	11	348	300	309	18	20	21	1,475	1,935
Toledo, OH	3	[4] 3	3	96	[4] 82	91	6	[4] 6	7	1,758	2,236
Miami, FL	4	2	2	118	162	161	6	3	3	1,408	2,071
Austin, TX	7	8	9	199	245	243	10	16	17	1,515	1,946
Oakland, CA	4	[4] 4	4	109	[4] 103	105	7	[4] 8	9	2,011	2,537
Albuquerque, NM	[9] 4	5	5	[9] 119	141	143	[9] 4	8	9	[9] 1,135	1,817
Tucson, AZ	4	4	4	124	117	116	6	7	8	1,474	1,961
Newark, NJ [2]	12	5	[5] 5	374	148	[6] 152	17	8	[6] 8	1,387	[6] 1,698
Charlotte, NC	4	4	4	125	122	117	5	6	7	1,290	1,773
Omaha, NE	3	3	3	92	91	87	5	6	6	1,684	2,209
Louisville, KY	6	5	4	186	149	152	8	7	7	1,358	1,505
Birmingham, AL	4	3	3	128	119	121	5	5	6	1,333	1,726
Wichita, KS	3	3	3	111	102	96	4	5	5	1,327	1,812
Sacramento, CA	3	3	3	119	104	102	6	6	9	1,762	2,935
Tampa, FL	5	4	4	165	154	140	5	6	6	1,178	1,660
St. Paul, MN	3	3	3	125	108	110	6	7	7	1,734	2,336
Norfolk, VA [2]	10	9	10	380	353	357	12	14	16	1,222	1,656
Virginia Beach, VA [2]	9	9	9	346	332	304	11	13	15	1,204	1,704
Rochester, NY [2]	[10] 9	8	7	[10] 356	310	287	[10] 14	16	17	[10] 1,630	2,441
St. Petersburg, FL	3	3	3	138	122	112	4	5	5	1,173	1,803
Akron, OH	3	3	3	123	110	116	4	5	5	1,509	1,852
Corpus Christi, TX	[8] 3	[8] 3	3	[8] 123	[8] 123	123	[8] 3	[8] 3	5	[8] 942	1,714
Jersey City, NJ [2]	8	8	8	351	360	359	11	14	13	1,397	1,608
Baton Rouge, LA	[5] 4	[4] 5	5	[8] 106	[4] 148	140	[8] 3	[4] 8	8	[8] 908	1,605
Anaheim, CA	2	2	2	91	94	92	3	5	5	1,616	2,585
Richmond, VA	[10] 10	10	10	[10] 454	436	456	[10] 12	16	16	[10] 1,225	1,666

[1] Based on 1980 enumerated population. [2] Includes city-operated elementary and secondary schools. [3] Includes city-operated university or college. [4] 1982 data. [5] 1979 data. [6] 1983 data. [7] Includes 1982 education data. [8] 1977 data. [9] 1978 data. [10] Noneducation data are for 1979.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.



Section 11

Federal Government Finances and Employment

This section presents statistics relating to the financial structure and the civilian employment of the Federal Government. The fiscal data cover taxes, other receipts, outlays, and debt. The principal sources of fiscal data are *The Budget of the United States Government* and related documents, published annually by the Office of Management and Budget (OMB), and the Department of the Treasury's annual *Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government,* the official report relating to the receipts, appropriations, outlays, and fund accounts. Beginning in 1984, this is included as the Appendix to the Treasury Department's *Annual Report.* Detailed data on tax returns and collections are published annually by the Internal Revenue Service. The personnel data relate to staffing and payrolls for the various public functions and agencies, to employee characteristics, and to civil service status; they are published by the Office of Personnel Management (formerly Civil Service Commission) and the Bureau of Labor Statistics (see p. 302). The primary source for data on public lands is *Public Land Statistics,* published annually by the Bureau of Land Management, Department of the Interior. Data on federally owned land and real property are collected by the General Services Administration and presented in its annual *Inventory Report on Real Property Owned by the United States Throughout the World.*

Budget concept.—Under the unified budget concept, all Federal monies are included in one comprehensive budget. These monies comprise both Federal funds and trust funds. Federal funds are derived mainly from taxes and borrowing and are not restricted by law to any specific government purpose. Trust funds, such as the Unemployment Trust Fund, collect certain taxes and other receipts for use in carrying out specific purposes or programs in accordance with the terms of the trust agreement or statute. Fund balances include both cash balances with Treasury and investments in U.S. securities. Part of the balance is obligated, part unobligated. In recent years, the budget totals, under provisions of law, have excluded some Federal activities—including the Federal Financing Bank, the Postal Service, the Synthetic Fuels Corporation, and the lending activities of the Rural Electrification Administration. The 1986 budget proposes abolishment of the off-budget status of these entities. For fiscal year 1985, these activities (i.e., off-budget Federal entities; see below) are estimated to equal 1.3 percent of the unified budget. Data showing unified budget totals of budget receipts and outlays that incorporate the off-budget entities are presented in the 1986 Budget for the years 1926 to 1990; more detailed tables generally show data since 1976.

Receipts arising from the Government's sovereign powers are reported as governmental receipts; all other receipts, i.e., from business-type or market-oriented activities, are offset against outlays. Outlays are reported on a checks-issued (net) basis (i.e., outlays are recorded at the time the checks to pay bills are issued).

Debt concept.—For most of U.S. history, the total debt consisted of debt borrowed by the Treasury (i.e., public debt). The present debt series, includes both public debt and agency debt. The *gross Federal debt* includes money borrowed by the Treasury and by various Federal agencies; it is the broadest generally used measure of the Federal debt. *Total public debt* is covered by a statutory debt limitation, currently $1,290.2 billion, and includes only borrowing by the Treasury.

Off-budget Federal entities.—Off-budget Federal entities are federally owned and controlled, but their transactions have been excluded from the budget totals generally under provisions of law. In the 1985 and earlier budgets their fiscal activities have not been reflected in either budget outlays or the budget surplus or deficit; appropriation requests for their programs were not included in the totals of budget authority for the budget; and their outlays were not subject to the ceilings set by the congressional budget resolutions. The surplus or deficit of the off-budget Federal entities was added to the budget surplus or deficit to arrive at the "total Federal Government surplus or deficit", which is financed by borrowing from the public or by other means. When off-budget outlays are financed by Treasury borrowing, the additional debt is subject to statutory debt limitation; when financed by the entities' own borrowing, it is not. In either case, the additional debt is part of the gross Federal debt. The 1986 budget proposes abolishment of the off-budget status of these entities.

Treasury receipts and outlays.—All receipts of the Government, with a few exceptions, are deposited to the credit of the U.S. Treasury regardless of ultimate disposition. Under the Constitution, no money may be withdrawn from the Treasury unless appropriated by the Congress.

The day-to-day cash operations of the Federal Government clearing through the accounts of the U.S. Treasury are reported in the *Daily Treasury Statement.* Extensive detail on the public debt is published in the *Monthly Statement of the Public Debt of the United States.*

Budget receipts such as taxes, customs duties, and miscellaneous receipts, which are collected by Government agencies, and outlays represented by checks issued and cash payments made by disbursing officers as well as government agencies are reported in the *Monthly Treasury Statement of Receipts and Outlays of the United States Government* and in the annual *Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government,* now the appendix to the *Treasury Annual Report.* These deposits in, and payments from, accounts maintained by Government agencies are on the same basis as the unified budget.

The quarterly *Treasury Bulletin* contains data on fiscal operations and related Treasury activities, including financial statements of Government corporations and other business-type activities.

Income tax returns and tax collections.—Tax data are compiled by the Internal Revenue Service of the Treasury Department. The *Annual Report of the Commissioner of the Internal Revenue Service* gives a detailed account of tax collections by kind of tax and by regions, districts, and States. The agency's annual *Statistics of Income* reports present detailed data from individual income tax returns, corporation income tax returns, sole proprietorship returns and partnership returns, respectively. The quarterly *Statistics of Income Bulletin* has, in general, replaced the supplemental *Statistics of Income* publications which presented data on such diverse subjects as local area data for individuals as well as data from fiduciary income tax and estate tax returns, sales of capital assets by individuals, international income and taxes reported by corporations and individuals, and estate tax wealth.

Employment and payrolls.—The Office of Personnel Management collects employment and payroll data from all departments and agencies of the Federal Government, except the Central Intelligence Agency and the National Security Agency. Employment figures represent the number of persons who occupied civilian positions at the end of the report month shown and who are paid for personal services rendered for the Federal Government, regardless of the nature of appointment or method of payment. Through December 1978, intermittent workers were counted if they performed any service during the reporting month.

Federal payrolls include all payments for personal services rendered during the report month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis of the number of work days in each month where payroll periods overlap.

Federal employment and payroll figures are published by the Office of Personnel Management in its *Monthly Release of Federal Civilian Workforce Statistics.* It also publishes biennial employment data for minority groups, and data on occupations of white- and blue-collar workers; reports on salary and wage distribution of Federal employees are published annually. General schedule is primarily white collar; wage system primarily blue collar. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review* and in *Employment and Earnings* and by the Bureau of the Census in its annual *Public Employment.*

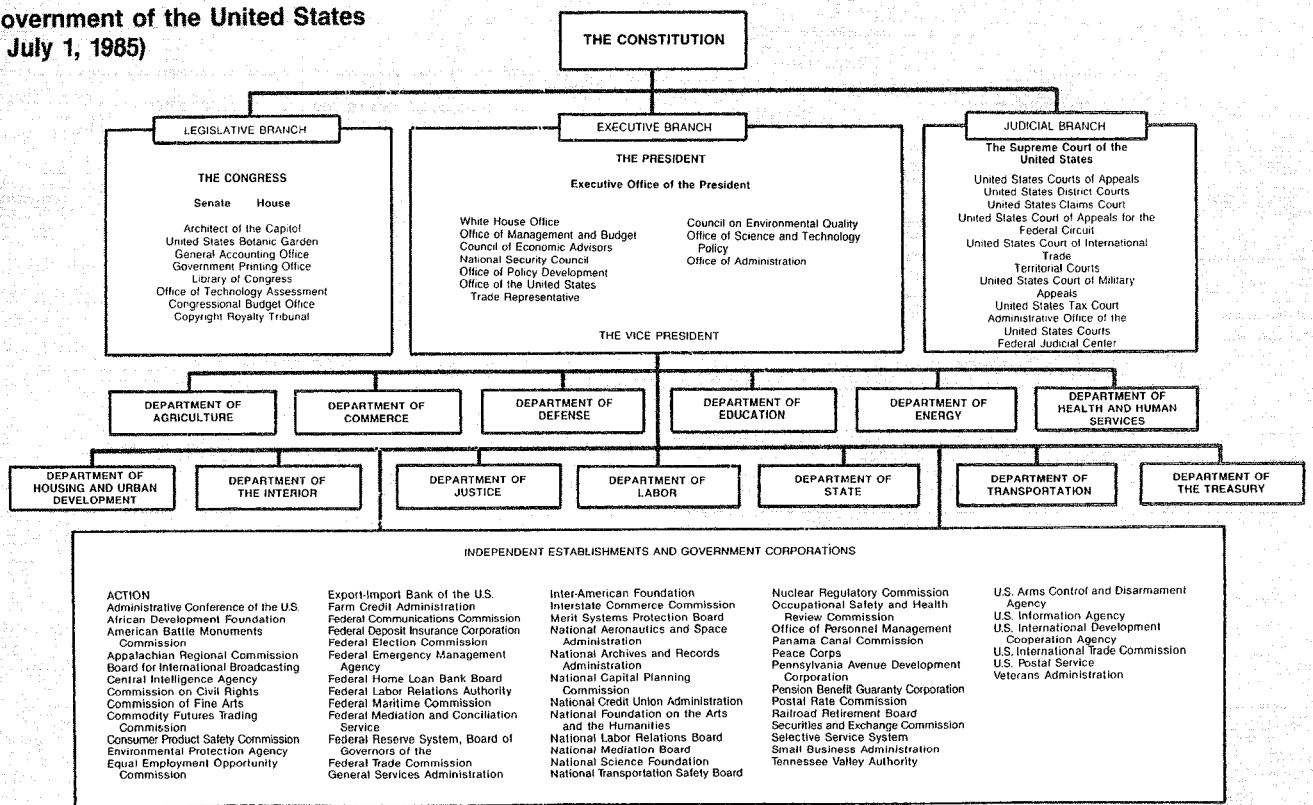
Applications, entries, selections, patents, and certifications.—The data on applications, entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public land laws (including the homestead laws), of Federal public lands to non-Federal owners. In general, original entries and selections are applications to secure title to public lands which have been accepted as properly filed (i.e., allowed). Some types of applications, however, are not reported until issuance of the final certificate, which passes equitable title to the land to the applicant. Applications are approved when full compliance with the requirements of the laws is shown and become final entries (perfected entries) upon issuance of a final certificate. Patents are Government deeds which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

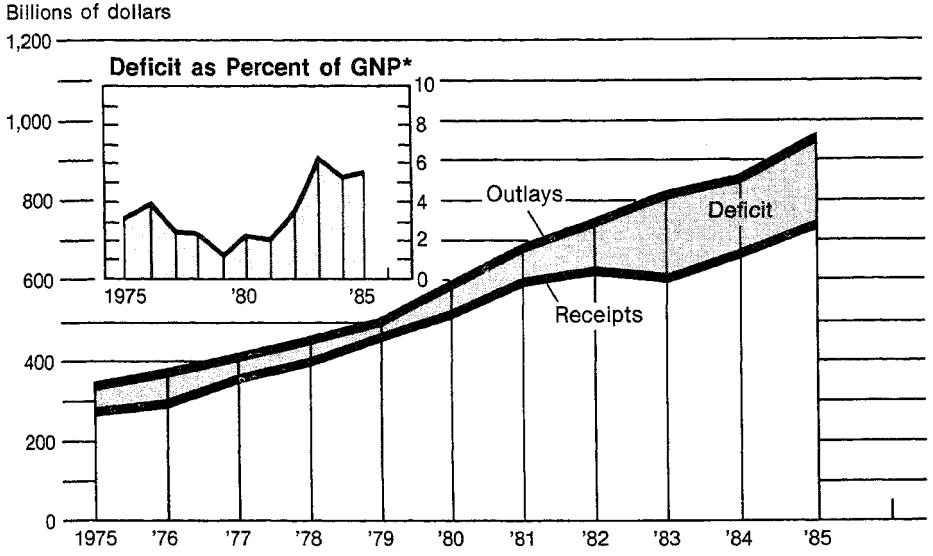
Figure 11.1

The Government of the United States (As of July 1, 1985)



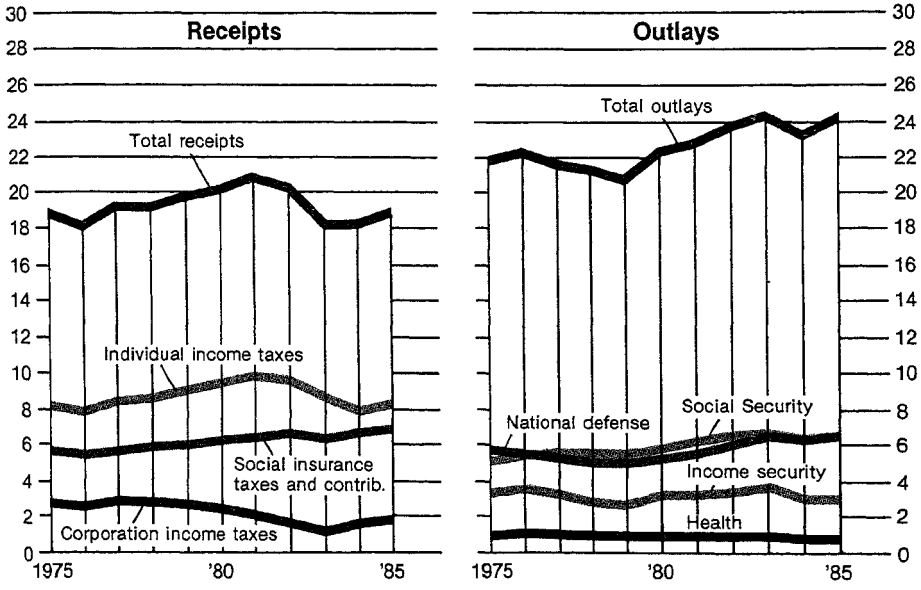
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 530.

Figure 11.2
Federal Budget Receipts and Outlays: 1975 to 1985



*Gross national product.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 491.

Figure 11.3
Federal Budget Receipts and Outlays as a Percent of GNP*: 1975 to 1985



*Gross national product.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 493.

No. 491. Federal Budget—Summary: 1940 to 1985

[**In billions of dollars, except percent.** Through **1976,** for years ending **June 30,** except as noted; beginning **1977,** ending **Sept. 30. Includes outlays off-budget under current law, which are proposed to be included on-budget.** Minus sign (−) indicates deficit or decline. See also *Historical Statistics, Colonial Times to 1970,* series Y 339–342]

YEAR	Receipts	Outlays	Surplus or deficit (−)	Outstanding gross debt [1]	ANNUAL PERCENT CHANGE [2]			PERCENT OF GNP [3]		Outlays, off-budget Federal entities [4]
					Receipts	Outlays	Outstanding gross debt	Outlays	Outstanding gross debt	
1940	6.5	9.5	−2.9	50.7	[5] 27.8	[5] 7.0	[5] 5.1	10.0	53.4	(X)
1945	45.2	92.7	−47.6	260.1	48.0	57.9	38.7	42.7	119.9	(X)
1950	39.4	42.6	−3.1	256.9	−2.7	−14.4	−.3	16.1	96.9	(X)
1955	65.5	68.4	−3.0	274.4	10.6	9.9	1.3	18.0	72.1	(X)
1960	92.5	92.2	.3	290.9	7.2	6.2	1.2	18.5	58.4	(X)
1961	94.4	97.7	−3.3	292.9	2.1	6.0	.7	19.2	57.5	(X)
1962	99.7	106.8	−7.1	303.3	5.6	9.3	3.6	19.5	55.3	(X)
1963	106.6	111.3	−4.8	310.8	6.9	4.2	2.5	19.3	53.8	(X)
1964	112.7	118.5	−5.9	316.8	5.7	6.5	1.9	19.2	51.2	(X)
1965	116.8	118.2	−1.4	323.2	3.7	−.3	2.0	17.9	49.0	(X)
1966	130.8	134.5	−3.7	329.5	12.0	13.8	2.0	18.6	45.5	(X)
1967	148.8	157.5	−8.6	341.3	13.8	17.0	3.6	20.3	43.9	(X)
1968	153.0	178.1	−25.2	369.8	2.7	13.1	8.3	21.4	44.5	(X)
1969	186.9	183.6	3.2	367.1	22.2	3.1	−.7	20.2	40.3	(X)
1970	192.8	195.6	−2.8	382.6	3.2	6.5	4.2	20.2	39.5	(X)
1971	187.1	210.2	−23.0	409.5	−2.9	7.4	7.0	20.4	39.7	(X)
1972	207.3	230.7	−23.4	437.3	10.8	9.8	6.8	20.4	38.7	(X)
1973	230.8	245.7	−14.9	468.4	11.3	6.5	7.1	19.6	37.4	.1
1974	263.2	269.4	−6.1	486.2	14.0	9.6	3.8	19.5	35.3	1.4
1975	279.1	332.3	−53.2	544.1	6.0	23.4	11.9	22.5	36.8	8.1
1976	298.1	371.8	−73.7	631.9	6.8	11.9	16.1	22.7	38.5	7.3
1976, TQ [6]	81.2	96.0	−14.7	646.4	(X)	(X)	(X)	(X)	(X)	1.8
1977	355.6	409.2	−53.6	709.1	19.3	10.1	12.2	22.0	38.1	8.7
1978	399.7	458.7	−59.0	780.4	12.4	12.1	10.1	21.9	37.3	10.4
1979	463.3	503.5	−40.2	833.8	16.0	9.8	6.8	21.4	35.4	12.5
1980	517.1	590.9	−73.8	914.3	11.6	17.4	9.7	22.9	35.5	14.2
1981	599.3	678.2	−78.9	1,003.9	15.9	14.8	9.8	23.5	34.8	21.0
1982	617.8	745.7	−127.9	1,147.0	3.1	10.0	14.2	24.5	37.7	17.3
1983	600.6	808.3	−207.8	1,381.9	−2.8	8.4	20.5	25.1	42.9	12.4
1984	666.5	851.8	−185.3	1,576.7	11.0	5.4	14.1	23.8	44.0	10.0
1985, est.	736.9	959.1	−222.2	1,841.1	10.6	12.6	16.8	24.8	47.6	12.5

X Not applicable. [1] End of fiscal year. See text p. 301 for discussion of debt concept. [2] For explanation of average annual percent change, see Guide to Tabular Presentation. [3] Gross national product as of fiscal year; for calendar year GNP, see table 718. [4] Federal Government allocations other than those reflected in budget outlays; see text for explanation. [5] Change from 1939; from previous year shown for all other years. [6] Transition quarter, July-Sept.

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1986.*

No. 492. Federal Budget Receipts, Outlays, and Debt: 1965 to 1985

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1978,** ending **Sept. 30.** Beginning **1975,** budget totals include transactions of the Export-Import Bank. See headnote table 491. See also *Historical Statistics, Colonial Times to 1970,* series Y 339–342]

DESCRIPTION	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985, est.
Receipts	**116.8**	**192.8**	**279.1**	**399.7**	**463.3**	**517.1**	**599.3**	**617.8**	**600.6**	**666.5**	**736.9**
Federal funds	90.9	143.2	187.5	270.7	316.4	350.9	410.4	409.3	382.4	418.1	459.3
Trust funds	29.2	58.4	117.6	166.5	188.1	212.1	240.6	270.1	319.4	338.1	396.5
Interfund transactions	−3.3	−8.8	−26.1	−37.4	−41.1	−45.9	−51.8	−61.6	−101.2	−89.7	−119.0
Outlays	**118.2**	**195.6**	**332.3**	**458.7**	**503.5**	**590.9**	**678.2**	**745.7**	**808.3**	**851.8**	**959.1**
Federal funds	94.9	156.3	248.2	342.4	374.9	433.5	496.2	543.4	613.3	636.3	731.6
Trust funds	26.7	48.1	110.2	153.8	169.7	203.3	233.8	263.9	296.3	305.2	346.4
Interfund transactions	−3.3	−8.8	−26.1	−37.4	−41.1	−45.9	−51.8	−61.6	−101.2	−89.7	−119.0
Surplus or deficit (−)	**−1.4**	**−2.8**	**−53.2**	**−59.0**	**−40.2**	**−73.8**	**−78.9**	**−127.9**	**−207.8**	**−185.3**	**−222.2**
Federal funds	−3.9	−13.2	−60.7	−71.7	−58.5	−82.6	−85.8	−134.2	−230.8	−218.2	−272.3
Trust funds	2.5	10.3	7.4	12.7	18.3	8.8	6.8	6.2	23.1	32.9	50.1
Outstanding debt [1]	**323.2**	**382.6**	**544.1**	**780.4**	**833.8**	**914.3**	**1,003.9**	**1,147.0**	**1,381.9**	**1,576.7**	**1,841.1**
Gross Federal debt held by:											
Government agencies	61.5	97.7	147.2	169.5	189.2	199.2	209.5	217.6	240.1	264.2	327.1
The public	261.6	284.9	396.9	610.9	644.6	715.1	794.4	929.4	1,141.8	1,312.6	1,514.0
Outlays as percent of GNP [2]	**17.9**	**20.2**	**22.5**	**21.9**	**21.4**	**22.9**	**23.5**	**24.5**	**25.1**	**23.8**	**24.8**
National defense	7.7	8.4	5.8	5.0	4.9	5.2	5.5	6.1	6.5	6.4	6.6
Human resources [3]	5.5	7.8	11.7	11.6	11.3	12.2	12.5	12.8	13.2	12.1	12.3
All other	4.7	4.0	5.0	5.3	5.1	5.5	5.5	5.6	5.3	5.3	6.0

[1] End of fiscal year. [2] See footnote 3, table 491. [3] Education, training, employment, social services, social security and medicare, health, income security, and veterans benefits and services.

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1986.*

NO. 493. FEDERAL RECEIPTS BY SOURCE AND OUTLAYS BY FUNCTION: 1970 TO 1985

[**In billions of dollars.** For years ending **Sept. 30.** Receipts reflect collections; outlays stated in terms of checks issued or cash payments. Covers both Federal funds and trust funds (see text, p. 301). Excludes government-sponsored but privately-owned corporations, Federal Reserve System, District of Columbia government, and money held in suspense as deposit funds. See *Historical Statistics, Colonial Times to 1970*, series Y 335-338, Y 343-351, and Y 472-487 for related data]

SOURCE OR FUNCTION	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985, est.	PERCENT DISTRIBUTION	
											1970	1985
Surplus or deficit (−)	**−2.8**	**−53.2**	**−59.0**	**−40.2**	**−73.8**	**−78.9**	**−127.9**	**−207.8**	**−185.3**	**−222.2**	(x)	(x)
BY SOURCE												
Total receipts [1]	**192.8**	**279.1**	**399.7**	**463.3**	**517.1**	**599.3**	**617.8**	**600.6**	**666.5**	**736.9**	**100.00**	**100.00**
Individual income taxes	90.4	122.4	181.0	217.8	244.1	285.9	297.7	288.9	296.2	329.7	46.89	44.74
Corporation income taxes	32.8	40.6	60.0	65.7	64.6	61.1	49.2	37.0	56.9	66.4	17.01	9.01
Social insurance taxes and contributions	44.4	84.5	121.0	138.9	157.8	182.7	201.5	209.0	241.7	268.4	23.03	36.42
Employment taxes and contributions	39.1	75.2	103.9	120.1	138.7	163.0	180.7	185.8	211.9	238.1	20.28	32.31
Unemployment insurance	3.5	6.8	13.9	15.4	15.3	15.8	16.6	18.8	25.1	25.6	1.82	3.47
Contributions for other insurance and retirement	1.8	2.6	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.7	.93	.64
Excise taxes	15.7	16.6	18.4	18.7	24.3	40.8	36.3	35.3	37.4	37.0	8.14	5.02
Estate and gift taxes	3.6	4.6	5.3	5.4	6.4	6.8	8.0	6.1	6.0	5.6	1.87	.76
Customs duties	2.4	3.7	6.8	7.4	7.2	8.1	8.9	8.7	11.4	11.8	1.24	1.60
Miscellaneous receipts	3.4	6.7	7.4	9.3	12.7	13.8	16.2	15.6	17.0	18.0	1.76	2.44
Federal Reserve earning deposits	**3.3**	**5.8**	**6.6**	**8.3**	**11.8**	**12.8**	**15.2**	**14.5**	**15.7**	**16.4**	**1.71**	**2.23**
BY FUNCTION												
Total outlays [1]	**195.6**	**332.3**	**458.7**	**503.5**	**590.9**	**678.2**	**745.7**	**808.3**	**851.8**	**959.1**	**100.00**	**100.00**
National defense [1]	**81.7**	**86.5**	**104.5**	**116.3**	**134.0**	**157.5**	**185.3**	**209.9**	**227.4**	**253.8**	**41.77**	**26.46**
Dept. of Defense, military	80.2	85.9	102.3	113.7	131.0	153.8	180.7	204.4	220.8	246.3	41.00	25.68
Atomic energy defense activities	1.4	1.5	2.1	2.5	2.9	3.4	4.3	5.2	6.1	7.0	.72	.73
Defense related activities	.1	−.9	.1	.1	.1	.3	.3	.3	.5	.5	.05	.05
International affairs [1]	**4.3**	**7.1**	**7.5**	**7.5**	**12.7**	**13.1**	**12.3**	**11.8**	**15.9**	**19.6**	**2.20**	**2.04**
Foreign economic and financial assistance	2.3	3.1	2.6	2.9	3.6	4.1	3.8	4.0	4.5	5.5	1.18	.58
Conduct of foreign affairs	.4	.7	1.1	1.3	1.4	1.3	1.6	1.8	1.9	2.2	.20	.23
Foreign information and exchange	.2	.2	.4	.5	.5	.5	.6	.6	.7	.9	.10	.09
International financial programs activities	.3	.4	−.6	−.9	2.4	2.0	.9	−1.1	.9	.8	.15	.08
International security assistance	1.1	2.5	3.9	3.7	4.8	5.1	5.4	6.6	7.9	10.2	.56	1.06
Income security	**15.6**	**50.2**	**61.5**	**66.4**	**86.5**	**99.7**	**107.7**	**122.6**	**122.7**	**127.2**	**7.98**	**13.26**
General retirement and disability insurance	1.0	4.7	3.4	4.4	5.1	5.4	5.6	5.6	5.4	5.5	.51	.57
Federal employee retirement and disability	5.5	13.2	19.8	22.7	26.6	31.3	34.3	36.5	38.1	38.6	2.81	4.02
Housing assistance	.5	2.1	3.7	4.4	5.6	7.8	8.7	10.0	11.3	25..4	.26	2.65
Food and nutrition assistance	1.0	6.6	8.9	10.8	14.0	16.2	15.6	18.0	18.1	18.7	.51	1.95
Other income security	4.3	10.1	13.9	13.4	17.2	19.4	19.8	21.1	21.4	22.3	2.20	2.32
Unemployment insurance	3.4	13.5	11.8	10.7	18.0	19.7	23.7	31.5	18.4	16.8	1.74	1.75
Health	**5.9**	**12.9**	**18.5**	**20.5**	**23.2**	**26.9**	**27.4**	**28.6**	**30.4**	**33.9**	**3.02**	**3.53**
Health care services	4.0	9.5	13.9	16.0	18.0	21.2	21.8	23.0	24.5	27.2	2.04	2.84
Health research	1.1	1.9	2.8	3.0	3.4	3.8	3.9	4.0	4.4	5.0	.56	.52
Education and training of health care workforce	.6	.9	.9	.6	.7	.8	.7	.6	.4	.5	.31	.05
Consumer and occupational health and safety	.2	.6	.8	.9	1.0	1.0	1.0	1.1	1.1	1.2	.10	.13
Social Security and medicare	**36.5**	**77.5**	**116.6**	**130.6**	**150.6**	**178.7**	**202.5**	**223.3**	**235.8**	**257.4**	**18.66**	**26.84**
Social Security	30.3	64.7	93.9	104.1	118.5	139.6	156.0	170.7	178.2	191.1	15.49	19.92
Medicare	6.2	12.9	22.8	26.5	32.1	39.1	46.6	52.6	57.5	66.3	3.17	6.91
Veterans benefits and services [1]	**8.7**	**16.6**	**19.0**	**19.9**	**21.2**	**23.0**	**24.0**	**24.8**	**25.6**	**26.9**	**4.45**	**2.80**
Income security	5.5	7.9	9.7	10.8	11.7	12.9	13.7	14.3	14.4	14.8	2.81	1.54
Education, training, and rehabilitation	1.0	4.6	3.4	2.8	2.3	2.3	1.9	1.6	1.4	1.3	.51	.14
Hospital and medical care	1.8	3.7	5.3	5.6	6.5	7.0	7.5	8.3	8.9	9.6	.92	1.00
Housing	.1	(z)	(z)	.2	(−z)	.2	.1	(z)	.2	.4	.05	.04
Education, training, employment, and social services [1]	**8.6**	**16.0**	**26.7**	**30.2**	**31.8**	**33.7**	**27.0**	**26.6**	**27.6**	**30.4**	**4.40**	**3.17**
Elementary, secondary, and vocational education	2.9	4.4	5.2	6.1	6.9	7.2	6.8	6.3	6.5	7.7	1.48	.80
Higher education	1.4	2.2	3.7	5.1	6.7	8.9	7.2	7.2	7.4	8.5	.72	.89
Research and general education aids	.4	.8	1.0	1.1	1.2	1.0	1.0	1.1	1.2	1.2	.20	.13
Training and employment	1.6	4.1	10.8	10.8	10.3	9.2	5.5	5.3	4.6	5.3	.82	.55
Social services	2.3	4.4	5.6	6.6	6.1	6.9	6.0	6.1	7.2	7.0	1.18	.73

See footnotes at end of table.

No. 493. Federal Receipts by Source and Outlays by Function: 1970 to 1985—Con.

[In billions of dollars. See headnote, p. 306]

SOURCE OR FUNCTION	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985, est.	PERCENT DISTRIBUTION 1970	PERCENT DISTRIBUTION 1985
Commerce and housing credit	**2.1**	**9.9**	**6.3**	**4.7**	**9.4**	**8.2**	**6.3**	**6.7**	**6.9**	**6.0**	**1.07**	**.63**
Mortgage credit and thrift insurance	.1	6.0	3.6	2.3	5.6	4.7	4.0	3.9	3.8	2.2	.05	.23
Payment to Postal Service	1.5	3.0	1.3	.9	1.2	1.4	.2	1.1	1.2	1.4	.77	.15
Other commerce	.5	1.0	1.4	1.5	2.5	2.1	2.1	1.7	1.9	2.4	.26	.25
Transportation [1]	**7.0**	**10.9**	**15.5**	**17.5**	**21.3**	**23.4**	**20.6**	**21.3**	**23.7**	**27.0**	**3.58**	**2.82**
Ground transportation	4.7	7.0	10.4	12.1	15.3	17.1	14.3	14.3	16.2	18.7	2.40	1.95
Air transportation	1.4	2.4	3.2	3.4	3.7	3.8	3.5	4.0	4.4	5.0	.72	.52
Water transportation	.9	1.4	1.8	2.0	2.2	2.4	2.7	3.0	3.0	3.2	.46	.33
Natural resources and environment [1]	**3.1**	**7.4**	**11.0**	**12.1**	**13.9**	**13.6**	**13.0**	**12.7**	**12.6**	**13.0**	**1.58**	**1.36**
Water resources	1.5	2.6	3.4	3.9	4.2	4.1	3.9	3.9	4.1	4.3	.77	.45
Conservation and land management	.4	.7	1.0	.8	1.0	1.2	1.1	1.5	1.3	1.0	.20	.10
Recreational resources	.4	.8	1.4	1.5	1.7	1.6	1.4	1.5	1.6	1.6	.20	.17
Pollution control and abatement	.4	2.5	4.0	4.7	5.5	5.2	5.0	4.3	4.0	4.4	.20	.46
Other natural resources	.4	.8	1.2	1.3	1.4	1.5	1.5	1.5	1.6	1.7	.20	.18
Energy [1]	**1.0**	**2.9**	**8.0**	**9.2**	**10.2**	**15.2**	**13.5**	**9.4**	**7.1**	**8.2**	**.51**	**.85**
Supply	.9	2.4	6.1	7.2	8.4	10.2	8.2	6.1	3.3	4.9	.46	.52
Conservation	–	(Z)	.2	.3	.6	.7	.5	.5	.5	.5	–	.05
Emergency preparedness	–	(Z)	.9	1.0	.3	3.3	3.9	1.9	2.5	1.9	–	.20
Information, policy, and regulation	.1	.4	.8	.7	.9	1.0	.9	.9	.8	.8	.05	.08
Community and regional development	**2.4**	**4.3**	**11.8**	**10.5**	**11.3**	**10.6**	**8.3**	**7.6**	**7.7**	**8.6**	**1.23**	**.90**
Community development	1.4	2.3	3.3	4.0	4.9	5.1	4.6	4.3	4.5	4.9	.72	.51
Area and regional development	.7	1.6	5.7	4.9	4.3	3.8	3.8	3.2	3.0	3.4	.36	.35
Disaster relief and insurance	.3	.4	2.9	1.6	2.0	1.7	–.1	(–Z)	.1	.2	.15	.03
Agriculture [1]	**5.2**	**3.0**	**11.4**	**11.2**	**8.8**	**11.3**	**15.9**	**22.9**	**13.6**	**20.2**	**2.66**	**2.11**
Farm income stabilization	4.6	2.2	10.2	9.9	7.4	9.8	14.3	21.3	11.9	18.3	2.35	1.91
Research and services	.6	.9	1.1	1.3	1.4	1.5	1.6	1.6	1.7	1.8	.31	.19
Net interest	**14.4**	**23.2**	**35.4**	**42.6**	**52.5**	**68.7**	**85.0**	**89.8**	**111.1**	**130.4**	**7.36**	**13.60**
General purpose fiscal assistance	**.5**	**7.2**	**8.4**	**8.4**	**8.6**	**6.9**	**6.4**	**6.5**	**6.8**	**6.6**	**.26**	**.69**
Revenue sharing	–	6.1	6.8	6.9	6.8	5.1	4.6	4.6	4.6	4.6	–	.48
General science, space, and technology [1]	**4.5**	**4.0**	**4.9**	**5.2**	**5.8**	**6.5**	**7.2**	**7.9**	**8.3**	**8.7**	**2.30**	**.91**
General science and basic research [2]	.9	1.0	1.2	1.3	1.4	1.5	1.6	1.6	1.8	2.1	.46	.22
Space flight	2.3	1.7	2.3	2.2	2.6	3.1	3.5	4.1	4.0	3.9	1.18	.41
Space science, applications and technology [2]	1.2	1.3	1.5	1.7	1.9	1.9	2.1	2.2	2.4	2.7	.61	.28
General government [1]	**1.8**	**3.2**	**3.6**	**3.9**	**4.4**	**4.6**	**4.5**	**4.8**	**5.1**	**5.8**	**.92**	**.60**
Legislative functions	.3	.6	.9	.9	1.0	1.0	1.2	1.2	1.3	1.5	.15	.16
Management, direction (Exec.)	(Z)	.1	.1	.1	.1	.1	.1	.1	.1	.1	(Z)	.01
Central fiscal operations	.9	1.9	2.0	2.2	2.6	2.6	2.6	3.1	3.3	3.5	.46	.36
General property and records management	.6	.4	.3	.3	.3	.1	.2	.2	.2	.4	.31	.04
Administration of justice	**1.0**	**3.0**	**3.8**	**4.2**	**4.6**	**4.8**	**4.7**	**5.1**	**5.7**	**6.7**	**.51**	**.70**
Federal law enforcement	.6	1.3	1.8	2.0	2.2	2.4	2.5	2.9	3.2	3.7	.31	.39
Federal judicial activities [3]	.2	.6	.9	1.1	1.3	1.5	1.5	1.6	1.8	2.2	.10	.23
Federal correctional activities	.1	.2	.3	.3	.3	.4	.4	.4	.5	.6	.05	.06
Criminal justice assistance	.1	.9	.7	.7	.7	.5	.3	.2	.1	.2	.05	.02
Undistributed offsetting receipts	**–8.6**	**–13.6**	**–15.7**	**–17.5**	**–19.9**	**–28.0**	**–26.1**	**–34.0**	**–32.0**	**–32.3**	**–4.40**	**–3.36**
Employer share, employee retirement	–8.4	–11.2	–13.5	–14.2	–15.8	–17.9	–19.8	–23.5	–25.3	–27.0	–4.29	–2.82
Rents and royalties [4]	–.2	–2.4	–2.3	–3.3	–4.1	–10.1	–6.3	–10.5	–6.7	–5.3	–.10	–.55
ADDENDUM												
Off-budget Federal entities [1]	**–**	**8.1**	**10.4**	**12.5**	**14.2**	**21.0**	**17.3**	**12.4**	**10.0**	**12.5**	(X)	**1.30**
Military assistance	–	.1	1.4	1.3	1.9	1.9	2.3	2.9	2.8	2.3	(X)	.24
Energy supply	–	.7	2.2	2.3	3.8	4.9	5.2	3.7	2.2	3.6	(X)	.38
Farm income stabilization	–	1.4	3.6	5.0	4.0	5.8	1.1	.7	1.4	1.2	(X)	.13
Mortgage credit and thrift insurance	–	3.2	3.4	2.9	1.9	4.0	2.8	1.8	1.1	2.3	(X)	.24
Higher education	–	.1	.2	.5	1.1	2.0	.7	–	–	–	(X)	–
Housing assistance	–	–	–	–	.1	.8	.7	.4	.1	(–Z)	(X)	(–Z)

– Represents zero. X Not applicable. Z Less than $50 million. [1] Totals reflect interfund and intragovernmental transactions and/or other functions, not shown separately. [2] Includes supporting space activities. [3] Includes litigative activities. [4] On Outer Continental Shelf.

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1986.*

No. 494. Federal Budget Outlays in Current and Constant (1972) Dollars: 1960 to 1985

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Given the inherent imprecision in deflating outlays, the data shown in constant dollars present a reasonable perspective—not precision. The deflators and the categories that are deflated are as comparable over time as is feasible. Minus sign (−) indicates decline. See headnote, table 491]

Year	Current dollars						Constant (1972) dollars					
	Total	National defense	Total non-defense [1]	Payments for individuals [2]	Net interest [3]	Aid to State and local govt.	Total	National defense	Total non-defense [1]	Payments for individuals [2]	Net interest [3]	Aid to State and local govt.
TOTAL OUTLAYS (bil. dol.)												
1960	92.2	48.1	44.1	24.2	6.9	7.0	143.3	78.4	64.9	33.3	10.0	10.8
1965	118.2	50.6	67.6	32.9	8.6	10.9	166.8	74.1	92.8	42.3	11.5	15.5
1970	195.6	81.7	114.0	64.7	14.4	24.0	220.3	94.0	126.3	70.2	15.8	27.0
1973	245.7	76.7	169.0	104.5	17.3	41.8	233.3	71.8	161.4	100.3	16.6	39.6
1974	269.4	79.3	190.0	120.1	21.4	43.3	238.0	69.6	168.5	106.7	19.1	37.9
1975	332.3	86.5	245.8	153.5	23.2	49.7	266.4	69.2	197.2	124.3	18.9	39.1
1976	371.8	89.6	282.2	180.1	26.7	59.0	279.5	67.0	212.5	137.5	20.3	43.4
1976, TQ [4]	96.0	22.3	73.7	45.4	6.9	15.9	69.9	16.2	53.7	33.7	5.1	11.6
1977	409.2	97.2	312.0	196.3	29.9	68.3	286.3	67.3	219.0	140.4	21.2	46.7
1978	458.7	104.5	354.2	210.9	35.4	77.8	300.2	67.2	233.0	141.7	23.6	49.3
1979	503.5	116.3	387.1	232.8	42.6	82.8	304.4	69.5	234.9	144.0	26.1	48.0
1980	590.9	134.0	456.9	277.5	52.5	91.4	324.4	71.3	253.1	156.1	29.6	48.2
1981	678.2	157.5	520.7	323.4	68.7	94.7	337.1	74.2	262.5	166.4	35.2	46.0
1982	745.7	185.3	560.4	356.7	85.0	88.1	346.1	80.2	266.0	172.2	40.6	40.4
1983	808.3	209.9	598.4	395.3	89.8	92.4	360.1	86.5	273.6	183.2	41.3	40.6
1984	851.8	227.4	624.4	399.8	111.1	97.5	366.3	90.0	276.2	179.6	49.2	41.2
1985, est	959.1	253.8	705.3	427.3	130.4	106.9	397.0	96.8	300.2	185.5	55.7	43.4
PERCENT DISTRIBUTION												
1960	100.0	52.2	47.8	26.2	7.5	7.6	100.0	54.7	45.3	23.2	7.0	7.5
1965	100.0	42.8	57.2	27.8	7.3	9.2	100.0	44.4	55.6	25.4	6.9	9.3
1970	100.0	41.8	58.2	33.0	7.3	12.3	100.0	42.7	57.3	31.9	7.2	12.3
1973	100.0	31.2	68.8	42.5	7.1	17.0	100.0	30.8	69.2	43.0	7.1	17.0
1974	100.0	29.5	70.5	44.6	8.0	16.1	100.0	29.2	70.8	44.8	8.0	15.9
1975	100.0	26.0	74.0	46.2	7.0	15.0	100.0	26.0	74.0	46.7	7.1	14.7
1976	100.0	24.1	75.9	48.4	7.2	15.9	100.0	24.0	76.0	49.2	7.3	15.5
1976, TQ [4]	100.0	23.2	76.8	47.3	7.2	16.6	100.0	23.2	76.8	48.2	7.3	16.6
1977	100.0	23.8	76.2	48.0	7.3	16.7	100.0	23.5	76.5	49.0	7.4	16.3
1978	100.0	22.8	77.2	46.0	7.7	17.0	100.0	22.4	77.6	47.2	7.9	16.4
1979	100.0	23.1	76.9	46.2	8.5	16.4	100.0	22.8	77.2	47.3	8.6	15.8
1980	100.0	22.7	77.3	47.0	8.9	15.5	100.0	22.0	78.0	48.1	9.1	14.9
1981	100.0	23.2	76.8	47.7	10.1	14.0	100.0	22.1	77.9	49.4	10.4	13.6
1982	100.0	24.9	75.1	47.8	11.4	11.8	100.0	23.2	76.9	49.8	11.7	11.7
1983	100.0	26.0	74.0	48.9	11.1	11.4	100.0	24.0	76.0	50.9	11.5	11.3
1984	100.0	26.7	73.3	46.9	13.0	11.4	100.0	24.6	75.4	49.0	13.4	11.2
1985, est	100.0	26.5	73.5	44.6	13.6	11.1	100.0	24.4	75.6	46.7	14.0	10.9
AVERAGE ANNUAL PERCENT CHANGE												
1960–1965	5.1	1.0	8.9	6.3	4.5	9.3	3.1	−1.1	7.4	4.9	2.8	7.5
1965–1970	10.6	10.1	11.0	14.5	10.9	17.1	5.7	4.9	6.4	10.7	6.6	11.7
1970–1975	11.2	1.2	16.6	18.9	10.0	15.7	3.9	−5.9	9.3	12.1	3.7	7.7
1975–1980	12.2	9.2	13.2	12.6	17.7	13.0	4.0	.6	5.1	4.7	9.4	4.3
1980–1985	10.2	13.6	9.1	9.0	20.0	3.2	4.1	6.3	3.5	3.5	13.5	−2.1

[1] Includes other items, not shown separately. [2] Includes small grants-in-aid to State and local governments. [3] Total interest less interest received by trust funds. [4] Transition quarter, July–Sept.

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1986.*

No. 495. Off-Budget Federal Outlays By Entity and Selected Subfunction: 1975 to 1985

[**In millions of dollars. 1975,** ending **June 30;** thereafter, ending **Sept. 30.** Negative outlays (—) result from offsetting receipts exceeding outlays from appropriations and balances. See headnote, table 491]

Entity	1975	1978	1979	1980	1981	1982	1983	1984	1985, est.
Off-budget outlays, total	**8,088**	**10,359**	**12,467**	**14,245**	**21,005**	**17,331**	**12,357**	**9,966**	**12,459**
REA [1] and telephone revolving fund	477	62	−4	−30	34	(Z)	−2	−1	-
Rural telephone bank	110	113	101	158	114	79	59	15	70
Strategic petroleum reserve	(2)	(2)	(2)	(2)	(2)	3,687	1,641	2,329	1,630
Postal Service	1,112	−496	−891	−431	89	−553	322	360	320
USRA [3] regional rail organization	34	66	89	36	−267	−23	−67	−14	−4
Federal Financing Bank for: Total [4]	**6,355**	**10,614**	**13,172**	**14,513**	**21,035**	**14,142**	**10,404**	**7,277**	**10,442**
REA [1] and telephone revolving fund	255	2,093	2,320	3,188	4,601	4,467	3,001	1,717	3,132
FmHA: [5] Rural housing insurance fund	3,175	3,360	2,930	1,906	4,045	2,800	1,755	1,090	2,335
Foreign military sales fund	112	1,462	1,293	1,932	1,945	2,288	2,858	2,818	2,340
FmHA: [5] Agriculture credit insurance fund	1,375	3,640	5,045	3,982	5,790	1,055	695	1,410	1,175
FmHA: [5] Rural development insurance fund	450	660	830	993	1,025	1,060	505	320	589
Other	988	−601	754	2,512	3,629	2,472	1,590	−78	871

- Represents zero. Z Less than $500,000. [1] REA = Rural Electrification Administration. [2] Funding for strategic petroleum reserve began in fiscal year 1982. [3] USRA = United States Rail Authority. [4] Includes non-loan residual not shown separately. [5] FmHA = Farmers Home Administration.

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1986.*

NO. 496. FEDERAL TRUST FUND RECEIPTS, OUTLAYS, AND BALANCES: 1975 TO 1985

[**In billions of dollars. 1975,** ending **June 30;** thereafter, ending **Sept. 30.** Receipts based on collections received and deposited. Outlays stated on a checks-issued basis, less refunds collected. Balances: That portion of funds authorized for use which have not been spent. See text, p. 301 for discussion of the budget concept and trust funds]

TYPE OF FUND	1975	1978	1979	1980	1981	1982	1983	1984	1985, est.
Total receipts [1]	**118.6**	**168.0**	**189.6**	**213.9**	**239.4**	**268.4**	**317.4**	**338.1**	**396.5**
OASDI [2] trust funds	66.7	89.6	102.1	117.4	134.6	148.0	172.5	181.1	199.8
Health insurance trust funds	16.9	27.6	31.7	35.7	45.3	55.2	63.1	68.3	75.7
State and local fiscal assistance trust funds [3]	6.2	6.9	6.9	6.9	4.6	4.6	4.6	4.6	4.6
Unemployment insurance funds	8.2	15.2	15.9	16.2	18.1	20.5	31.6	29.9	28.3
Railroad employees retirement funds	2.8	3.9	4.2	4.4	4.7	4.9	6.3	8.4	9.5
Federal employees retirement funds	11.5	17.8	20.5	24.5	28.6	32.0	34.9	36.8	40.0
Airport and airway trust funds	1.1	1.5	1.8	2.3	.6	.7	2.7	3.0	3.7
Highway trust funds	6.8	7.6	8.0	7.6	7.4	7.8	9.4	12.9	14.6
Foreign military sales trust funds	4.4	8.4	8.5	7.7	9.5	11.8	13.2	11.2	12.1
Veterans life insurance funds	.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3
Total outlays [1]	**111.2**	**155.3**	**171.3**	**205.1**	**232.6**	**262.2**	**294.3**	**305.2**	**346.4**
OASDI [2] trust funds	64.7	93.9	104.1	118.6	139.6	156.0	172.3	180.9	193.6
Health insurance trust funds	14.8	25.2	29.1	35.0	42.5	50.4	56.9	62.7	71.8
State and local fiscal assistance trust funds [4]	6.1	6.8	6.8	6.8	5.1	4.6	4.6	4.6	4.6
Unemployment insurance funds	13.2	11.2	11.2	16.4	18.7	24.3	32.7	26.1	22.8
Railroad employees retirement funds	3.1	4.0	4.3	4.7	5.3	5.4	6.8	5.7	7.9
Federal employees retirement funds	7.1	11.0	12.5	14.9	17.9	19.7	21.0	22.1	23.3
Airport and airway trust funds	.6	1.1	1.1	1.2	1.3	1.5	1.8	1.4	2.7
Highway trust funds	4.8	6.1	7.2	9.2	9.2	8.0	8.8	10.6	13.4
Foreign military sales trust funds	3.5	8.1	7.1	8.8	9.9	12.0	12.4	10.9	11.9
Veterans life insurance funds	.8	.7	.1	1.0	1.0	1.0	1.0	1.0	1.0
Balances	**142.6**	**165.2**	**183.6**	**192.4**	**199.1**	**205.4**	**228.4**	**261.3**	[5] **311.3**
OASDI [2] trust funds	48.2	35.4	33.4	32.3	27.2	19.3	32.0	32.2	37.0
Health insurance trust funds	11.3	15.8	18.4	19.0	21.8	26.7	20.4	26.0	31.3
State and local fiscal assistance trust funds	1.7	1.8	1.8	1.8	1.3	1.3	1.2	1.2	1.2
Unemployment insurance trust fund	7.4	10.4	15.1	14.9	14.4	10.7	10.0	13.9	19.5
Railroad employees retirement accounts	4.3	3.1	3.1	2.7	2.0	1.3	.5	3.1	4.6
Federal employees retirement funds	38.8	56.7	64.7	74.3	85.0	97.3	111.2	125.9	142.6
Airport and airway trust fund	2.0	3.7	4.4	5.4	4.7	3.9	4.8	6.4	7.5
Highway trust funds	9.6	11.7	12.6	11.0	9.3	9.0	9.6	11.8	13.0
Foreign military sales trust fund	2.1	4.9	6.3	5.2	4.7	4.6	5.3	5.6	5.8
Veterans life insurance funds	7.7	8.3	8.4	8.5	8.6	8.8	9.1	9.4	9.6
Other trust funds (nonrevolving)	.7	1.0	1.3	1.7	2.2	2.8	3.3	3.5	3.7
Trust revolving funds	8.9	12.5	14.1	15.5	17.7	19.7	21.1	22.2	24.3

[1] After deductions for intrafund transactions, proprietary receipts from public, receipts from off-budget Federal agencies, and receipts and outlays from trust funds, not shown separately. [2] Old-age, survivors, and disability insurance. [3] Deposits for general revenue sharing. [4] Payments for general revenue sharing. [5] Includes $11.3 billion for military retirement fund, not shown separately.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual.

NO. 497. EXECUTIVE CONTROLLABILITY OF FEDERAL BUDGET OUTLAYS: 1970 TO 1985

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1978, ending Sept. 30.** Outlays considered relatively uncontrollable are those which can neither be increased nor decreased by Presidential decisions without a change in existing Federal laws or are beyond administrative control, such as benefit payments that beneficiaries are entitled to by law or contractual agreement or other existing legally binding commitments. This table is based on a Presidential perspective]

OUTLAYS	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985, est.
Total outlays	**195.6**	**332.3**	**458.7**	**503.5**	**590.9**	**678.2**	**745.7**	**808.3**	**851.8**	**959.1**
Relatively uncontrollable outlays	**120.3**	**222.2**	**314.9**	**345.3**	**413.8**	**476.4**	**541.4**	**593.5**	**624.1**	**696.2**
Percent of total outlays	61.5	66.9	68.7	68.6	70.0	70.2	72.6	73.4	73.3	72.6
Open-ended programs and fixed costs [1]	78.3	168.9	238.1	259.9	310.7	367.8	419.9	464.8	478.8	529.1
Payments for individuals [1]	60.1	139.5	190.6	209.5	246.6	287.6	320.1	353.8	357.4	382.7
Social Security and railroad retirement	30.7	67.3	94.5	105.0	120.0	141.2	157.4	171.8	179.3	192.0
Medical care	9.4	20.6	34.3	39.9	47.2	57.2	65.6	73.5	79.9	91.9
Federal employees' retirement and insurance [2]	8.7	18.4	26.7	29.9	34.7	40.5	44.4	47.3	49.0	49.9
Public assistance and related programs	6.4	12.2	15.8	15.5	17.5	19.3	19.5	20.9	21.0	21.9
Unemployment assistance	3.1	12.8	10.8	9.7	16.8	18.2	22.1	29.7	16.9	15.4
Net interest	14.4	23.2	35.4	42.6	52.5	68.7	85.0	89.8	111.1	130.4
Farm price supports [3]	3.8	.6	5.7	3.6	2.8	4.0	11.7	18.9	7.3	15.1
Prior-year contracts and obligations [4]	41.9	53.3	76.9	85.3	103.2	108.6	121.5	128.7	145.3	167.1
Relatively controllable outlays	**83.8**	**113.2**	**146.9**	**159.9**	**178.7**	**198.7**	**206.8**	**226.0**	**243.0**	**277.2**
National defense	57.6	64.2	76.2	85.3	97.4	115.9	128.2	141.4	147.8	162.2
Civilian programs	26.3	49.1	70.6	74.6	81.3	82.8	78.6	84.5	95.2	115.0
Undistributed employer share, employee retirement	−8.4	−11.2	−13.5	−14.2	−15.8	−17.9	−19.8	−23.5	−25.3	−27.0

X Not applicable. Z Less than $50 million. [1] Includes other outlays not shown separately. [2] Includes items previously classified in the veterans' benefits grouping. [3] Prices from Commodity Credit Corporation. [4] Excludes prior year contracts and obligations for items under open-ended programs and fixed costs.

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1986.*

No. 498. Revenue Loss Estimates for Selected "Tax Expenditures" by Function: 1984 and 1985

[**In millions of dollars.** For years ending **Sept. 30.** Represents tax expenditures of $300 million or more in 1985]

DESCRIPTION	1984	1985
National defense:		
Exclusion of benefits and allowances to Armed Forces personnel	1,825	1,960
International affairs:		
Exclusion of income earned abroad by United States citizens	1,300	1,405
Deferral of income of domestic international sales corporations (DISC)	850	470
Deferral of income from controlled foreign corporations	345	375
General science, space, and technology:		
Expensing of research and development expenditures	3,495	3,690
Credit for increasing research activities	1,380	1,640
Energy:		
Expensing of exploration and development costs:		
Oil and gas	1,415	2,030
Excess of percentage over cost depletion:		
Oil and gas	1,175	1,120
Residential energy credits:		
Supply incentives	325	330
Natural resources and environment:		
Excess of percentage over cost depletion, nonfuel minerals	330	380
Exclusion of interest on State and local IDB's for pollution control and sewage and waste disposal facilities	1,140	1,270
Tax incentives for preservation of historic structures	255	325
Capital gains treatment of certain timber income	295	355
Agriculture:		
Expensing of certain capital outlays	640	670
Capital gains treatment of certain income	570	610
Commerce and housing credit:		
Dividend exclusion	495	505
Exclusion of interest on small issue industrial development bonds	2,250	2,560
Excess bad debt reserves of financial institutions	635	810
Exclusion of interest on life insurance savings	3,190	3,915
Deductibility of interest on consumer credit	12,680	14,625
Deductibility of mortgage interest on owner-occupied homes	22,735	24,925
Deductibility of property tax on owner-occupied homes	8,820	9,725
Exclusion of interest on State and local housing bonds for owner-occupied housing	1,500	1,850
Exclusion of interest on State and local debt for rental housing	830	910
Capital gains (other than agriculture, timber, iron ore and coal)	19,055	19,895
Deferral of capital gains on home sales	1,705	1,780
Exclusion of capital gains on home sales for persons age 55 and over	755	805
Carryover basis of capital gains at death	3,860	4,355
Investment credit, other than ESOP's, rehabilitation of structures, energy property, and reforestation expenditures	23,445	23,900
Accelerated depreciation on rental housing	680	775
Accelerated depreciation of buildings other than rental housing	6,290	8,060
Accelerated depreciation of machinery and equipment	14,090	20,185
Safe harbor leasing rules	2,800	2,340
Reinvestment of dividends in public utility stock	415	450
Reduced rates on the first $100,000 of corporate income	4,910	5,000
Community and regional development:		
Investment credit for rehabilitation of structures (other than historic)	365	345
Exclusion of interest on IDB's for airports, docks, sports and convention facilities	400	455
Education, training, employment, and social services:		
Exclusion of scholarship and fellowship income	605	655
Exclusion of interest on State and local student loan bonds	285	375
Parental personal exemption for students age 19 or over	1,060	1,120
Deductibility of charitable contributions (education)	1,120	1,190
Exclusion of employee meals and lodging (other than military)	725	795
Investment credit for ESOP's	1,430	1,910
Credit for child and dependent care expenses	1,875	2,195
Targeted jobs credit	330	415
Deduction for two-earner married couples	6,170	6,745
Deductibility of charitable contributions, other than education and health	10,105	11,135
Health:		
Exclusion of employer contributions for medical insurance premiums and medical care	19,145	21,245
Deductibility of medical expenses	3,165	3,430
Exclusion of interest on State and local debt for private nonprofit health facilities	1,315	1,640
Deductibility of charitable contributions (health)	1,660	1,810
Social Security and medicare:		
Exclusion of Social Security benefits:		
Disability insurance benefits	1,245	1,165
OASI benefits for retired workers	13,815	12,830
Benefits for dependents and survivors	3,755	3,780
Income security:		
Exclusion of railroad retirement system benefits	615	450
Exclusion of workmen's compensation benefits	2,165	2,325
Exclusion of public assistance benefits	515	520
Exclusion of untaxed unemployment insurance benefits	2,045	1,605
Net exclusion of pension contributions and earnings:		
Employer plans	44,050	44,205
Individual Retirement Accounts	10,990	12,050
Keoghs	1,410	1,585
Exclusion of other employee benefits:		
Premiums on group term life insurance	1,910	2,055
Additional exemption for elderly	2,520	2,665
Deductibility of casualty losses	370	435
Earned income credit [1]	330	305
Veterans benefits and services:		
Exclusion of veterans disability compensation	1,640	1,675
General purpose fiscal assistance:		
Exclusion of interest on public purpose State and local debt	8,130	8,785
Deductibility of nonbusiness State and local taxes other than on owner-occupied homes	20,895	22,520
Tax credit for corporations receiving income from doing business in United States possessions	1,310	1,440
Interest:		
Deferral of interest on savings bonds	720	770

[1] Indicates the effect of the earned income tax credit on receipts. The effect on outlays is: 1984, $1,120 million; and 1985, $1,041 million.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

NO. 499. FEDERAL BUDGET OUTLAYS, BY AGENCY: 1970 TO 1985

[**In billions of dollars.** For years ending **June 30** except, beginning **1979,** ending **Sept. 30**]

DEPARTMENT OR OTHER UNIT	1970	1975	1979	1980	1981	1982	1983	1984	1985, est
Total	**195.6**	**332.3**	**503.5**	**590.9**	**678.2**	**745.7**	**808.3**	**851.8**	**959.1**
Legislative branch	.4	.7	1.1	1.2	1.2	1.4	1.4	1.6	1.8
The Judiciary	.1	.3	.5	.6	.6	.7	.8	.9	1.0
Executive Office of the President	(Z)	.1	.1	.1	.1	.1	.1	.1	.1
Funds appropriated to President	3.0	4.1	2.6	7.5	7.0	6.1	5.5	8.5	11.1
Departments:									
Agriculture	8.4	10.3	20.6	24.7	26.1	36.3	46.4	37.5	45.1
Commerce	.8	1.1	3.5	3.1	2.3	2.1	1.9	1.9	2.1
Defense	84.3	94.1	126.9	146.1	170.7	198.7	223.3	240.4	265.3
Education	4.7	7.4	11.9	13.7	15.1	14.1	14.6	15.5	17.4
Energy	2.4	3.2	7.9	6.5	11.6	11.3	10.0	10.6	11.0
Health and Human Services	47.7	104.1	168.3	194.2	228.7	253.1	276.7	292.3	318.5
Housing and Urban Development	2.4	7.5	9.2	12.6	14.0	14.5	15.3	16.5	28.9
Interior	1.1	2.2	4.2	4.5	4.5	3.9	4.6	4.9	5.0
Justice	.6	2.1	2.5	2.6	2.7	2.6	2.8	3.2	3.9
Labor [1]	5.1	17.7	22.6	29.7	30.1	30.7	38.1	24.5	23.5
State	.4	.8	1.6	1.9	1.9	2.2	2.3	2.4	2.7
Transportation	6.7	9.8	16.1	19.6	22.5	19.9	20.6	23.9	26.2
Treasury	19.3	47.4	78.0	90.9	113.6	124.5	126.8	148.3	176.7
Independent agencies:									
Environmental Protection Agency	.4	2.5	4.8	5.6	5.2	5.1	4.3	4.1	4.4
General Services Administration	.4	−.7	.1	.1	.1	.1	.1	.2	.4
National Aeronautics and Space Administration	3.8	3.3	4.2	4.9	5.4	6.0	6.7	7.0	7.3
Office of Personnel Management	2.7	7.1	12.7	15.1	18.1	20.0	21.3	22.6	23.6
Small Business Administration	.3	.6	1.6	1.9	1.9	.6	.5	.3	.7
Veterans Administration	8.7	16.6	19.9	21.1	22.9	23.9	24.8	25.6	26.8
Other independent agencies	4.7	11.3	9.9	14.5	13.6	9.9	10.5	11.3	12.3
Undistributed offsetting receipts	−12.6	−21.3	−27.4	−32.0	−41.9	−42.2	−51.1	−52.3	−57.9

Z Less than $50 million. [1] Includes Pension Benefit Guaranty Corporation.

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1986.*

NO. 500. PUBLIC DEBT AND INTEREST PAID OF THE FEDERAL GOVERNMENT: 1940 TO 1984

[Through **1976,** as of **June 30;** beginning **1977,** as of **Sept. 30.** Total *public debt* is restricted to borrowing by the Treasury and the value of savings bonds at current redemption value. See table 491 for "gross Federal debt." For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (−) indicates decrease. See also *Historical Statistics, Colonial Times to 1970,* series Y 461, 493, and 494]

YEAR	PUBLIC DEBT			INTEREST PAID		YEAR	PUBLIC DEBT			INTEREST PAID	
	Total [1] (bil. dol.)	Average annual percent change [2]	Per capita [3] (dol.)	Total (bil. dol.)	Percent of Federal outlays [4]		Total [1] (bil. dol.)	Average annual percent change [2]	Per capita [3] (dol.)	Total (bil. dol.)	Percent of Federal outlays [4]
1940	43.0	8.4	325	1.0	10.5	1975	533.2	12.4	2,475	32.7	9.8
1945	258.7	43.0	1,849	3.8	4.1	1976	620.4	16.4	2,852	37.1	10.0
1950	256.1	−.1	1,688	5.7	13.4	1977	698.8	10.1	3,170	41.9	10.2
1955	272.8	1.3	1,651	6.4	9.4	1978	771.5	10.4	3,463	48.7	10.6
1960	284.1	.9	1,572	9.2	10.0	1979	826.5	7.1	3,669	59.8	11.9
1965	313.8	2.0	1,613	11.3	9.6	1980	907.7	9.8	3,985	74.9	12.7
1970	370.1	3.3	1,814	19.3	9.9	1981	997.9	9.9	4,338	95.6	14.1
1971	397.3	7.4	1,921	21.0	10.0	1982	1,142.0	14.4	4,913	117.4	15.7
1972	426.4	7.3	2,037	21.8	9.4	1983	1,377.2	20.6	5,870	128.8	15.9
1973	457.3	7.2	2,164	24.2	9.8	1984	1,572.3	14.2	6,640	153.8	18.1
1974	474.2	3.7	2,223	29.3	10.9						

[1] Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions for 1950, 1955, 1960, 1965, and 1970-1974. [2] From preceding year shown; for 1940, change from 1935. [3] 1940-1976, based on estimated July 1 population; thereafter, based on October 1 resident population; prior to 1960, excludes Alaska and Hawaii.

[4] Calculated on total expenditures not reduced by interfund transactions representing interest and certain other payments to Treasury through 1950. Beginning 1955, total budget outlays. See table 491.

Source: U.S. Dept. of the Treasury, *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances* through fiscal 1980; thereafter, *Monthly Statement of the Public Debt of the United States,* and *Final Monthly Treasury Statement of Receipts and Outlays of the U.S. Government.*

NO. 501. FEDERAL PARTICIPATION IN DOMESTIC CREDIT MARKETS: 1975 TO 1985

[**In billions of dollars, except percent.** See headnote, table 505. Federal credit programs are primarily in three forms: direct loans from the Federal government, Federal guarantees of private lending, and lending by privately owned Government-sponsored enterprises]

TYPE OF PARTICIPATION	1975	1978	1979	1980	1981	1982	1983	1984	1985, est.
Total funds advanced in U.S. credit markets, excluding equities [1]	**178.0**	**385.7**	**423.5**	**357.6**	**417.2**	**401.8**	**501.8**	**672.6**	(NA)
Advanced under Federal auspices [2]	27.0	58.4	72.9	79.9	86.5	87.6	86.5	79.6	81.4
Federal participation rate (percent)	15.2	15.1	17.2	22.3	20.7	21.8	17.2	11.8	(NA)
Direct loans:									
On-budget	5.8	8.6	6.0	9.5	5.2	9.1	4.8	−1.3	4.3
Off-budget	7.0	11.2	13.6	14.7	20.9	14.3	10.5	7.7	10.9
Guaranteed loans	8.6	13.4	25.2	31.6	28.0	20.9	34.1	20.1	20.2
Government-sponsored enterprise loans	5.6	25.2	28.1	24.1	32.4	43.3	37.1	53.1	46.0
Total funds raised in U.S. credit markets [1]	**178.0**	**385.7**	**423.5**	**357.6**	**417.2**	**401.8**	**501.8**	**672.6**	(NA)
Raised under Federal auspices	64.8	93.9	80.7	123.5	142.1	199.7	281.0	246.5	263.8
Federal participation rate (percent)	36.4	24.4	19.1	34.5	34.1	49.7	56.0	36.6	(NA)
Federal borrowing from public	50.9	59.1	33.6	70.5	79.3	135.0	212.3	170.8	201.4
Borrowing for guaranteed loans	8.6	13.4	25.2	31.6	28.0	20.9	34.1	20.1	20.2
Government-sponsored enterprise borrowing	5.3	21.4	21.9	21.4	34.8	43.8	34.6	55.5	42.2

NA Not available. [1] Nonfinancial sectors. [2] Estimated.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual.

NO. 502. FEDERAL SECURITIES—DISTRIBUTION ISSUE BY CLASS OF INVESTOR: 1970 TO 1984

[**In billions of dollars.** As of **June 30,** except beginning **1977,** as of **September 30.** The Export-Import Bank was moved within the budget effective October 1, 1976. Adjustments are made to include totals for the period it was outside the budget (1970–76). Also adjustments are made to reflect certain Export-Import Bank borrowing now classified as agency debt]

YEAR	Federal securities outstanding, total [1]	INTEREST-BEARING PUBLIC DEBT SECURITIES				YEAR	Federal securities outstanding, total [1]	INTEREST-BEARING PUBLIC DEBT SECURITIES			
		Total outstanding	Held by U.S. Gov't. accounts	Held by Federal Reserve banks [2]	Held by private investors			Total outstanding	Held by U.S. Gov't. accounts	Held by Federal Reserve banks [2]	Held by private investors
1970	383	369	95	58	216	1978	780	767	168	115	484
1972	437	425	111	71	243	1979	834	819	188	115	516
1973	468	456	123	75	258	1980	914	906	198	121	588
1974	486	473	138	80	255	1981	1,004	996	208	124	664
1975	544	532	145	85	302	1982	1,147	1,141	216	134	790
1976	632	619	150	94	375	1983	1,382	1,376	239	155	981
1977	709	698	155	[3] 105	437	1984	1,577	1,560	263	155	1,141

[1] Includes agency securities and matured public debt not shown separately. [2] Public issues.
[3] Includes a nonmarketable Federal Reserve special certificate for $2,500.

Source: U.S. Dept. of the Treasury, *Treasury Bulletin,* quarterly.

NO. 503. INTEREST-BEARING PUBLIC DEBT OF THE FEDERAL GOVERNMENT: 1970 TO 1984

[**In billions of dollars.** As of **June 30** except, beginning **1978,** as of **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970,* series Y 497 and Y 500–504]

DEBT INSTRUMENT	1970	1975	1978	1979	1980	1981	1982	1983	1984	PERCENT OF TOTAL			
										1970	1980	1983	1984
Total	**369.0**	**532.1**	**767.0**	**819.0**	**906.4**	**996.5**	**1,140.9**	**1,375.8**	**1,559.6**	**100.0**	**100.0**	**100.0**	**100.0**
Marketable	232.6	315.6	485.2	506.7	594.5	683.2	824.4	1,024.0	1,176.6	63.0	65.6	74.4	75.4
Bills	76.2	128.6	160.9	161.4	199.8	223.4	277.9	340.7	356.8	20.7	22.0	24.8	22.9
Notes	93.5	150.2	267.9	274.2	310.9	363.6	442.9	557.5	661.7	25.3	34.3	40.5	42.4
Treasury bonds [1]	63.0	36.8	56.4	71.1	83.8	96.2	103.6	125.7	158.1	17.1	9.2	9.1	10.1
Nonmarketable	136.4	216.5	281.8	312.3	311.9	313.3	316.5	351.8	383.0	37.0	34.4	25.6	24.6
U.S. savings bonds	51.3	65.4	79.8	80.4	72.7	68.0	67.3	70.0	72.8	13.9	8.0	5.1	4.7
Other [2]	8.8	26.9	48.7	55.5	49.3	44.2	38.7	47.0	50.6	2.4	5.4	3.4	3.2
Govt. account series [3]	76.3	124.2	153.3	176.4	189.8	201.1	210.5	234.7	259.5	20.7	20.9	17.1	16.6

[1] Bank eligible bonds. [2] Comprises Treasury bonds, investment series (all years); Treasury bonds (various); certificates of indebtedness (various); certificates and notes; depositary bonds; U.S. retirement plan bonds; and U.S. savings notes, beginning 1970. [3] 1970 known as U.S. Treasury special issues.

Source: U.S. Dept. of the Treasury, *Treasury Bulletin,* quarterly.

No. 504. Interest-Bearing Government Securities Outstanding: 1965 to 1984

[**In billions of dollars, except percent.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** Par values, except U.S. savings bonds series, E, F, J, and U.S. savings notes, which are included at current redemption values]

TYPE OF SECURITY	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	**420**	**521**	**756**	**864**	**967**	**1,061**	**1,140**	**1,259**	**1,371**	**1,555**	**1,851**	**2,081**
Tax exempt [1]	97	139	213	234	259	285	314	346	368	409	470	517
Percent of total	23.1	26.7	28.2	27.1	26.7	26.7	27.0	27.5	26.8	26.3	25.4	24.8
Taxable [2]	274	306	419	499	568	623	650	723	802	936	1,146	1,304
Government account series [3]	49	76	124	131	140	153	176	190	201	210	235	260
By issuer:												
U.S. Treasury	313	369	532	619	698	767	819	906	996	1,141	1,376	1,560
Agency securities [4]	9	13	11	11	10	9	7	7	6	5	5	4
State and local govts. [1 5]	97	139	213	234	259	285	314	346	368	409	470	517

[1] Source: Board of Governors, Federal Reserve System, unpublished data. [2] Interest is subject to both normal and surtax rates of Federal income tax. [3] Prior to July 1, 1974, known as U.S. Treasury special issues. [4] Excludes securities issued by Federal home loan banks and Federal land banks. Beginning 1970, also excludes securities issued by Federal National Mortgage Association, Federal intermediate credit banks, and banks for cooperatives. [5] Wholly tax-exempt. Includes industrial pollution control bonds.

Source: Except as noted, U.S. Dept. of the Treasury, *Treasury Bulletin,* quarterly, and *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances.*

No. 505. Federal Direct and Guaranteed Loans: 1975 to 1985

[**In billions of dollars. As of June 30** except, beginning **1977,** as of **Sept. 30.** Government guaranteed loans (loans for which the Government guarantees payment of principal or interest in whole or part) are not included in Federal budget outlays. They constitute contingent liabilities not resulting in outlays, except in event of default. Government direct loans are made by both on-budget and off-budget Federal agencies. See headnote, table 501]

LOAN STATUS	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985 est.
Direct loans: [1] Gross (new) loans disbursed	28.8	34.5	35.4	48.6	49.2	49.3	55.9	37.1	43.8	41.4	54.7
Net loan outlays	12.8	10.9	11.5	19.8	19.6	24.2	26.1	23.5	15.3	6.3	15.2
Direct loans outstanding	74.1	85.9	100.7	120.5	140.5	163.9	185.0	207.8	223.0	229.3	244.5
Guaranteed loans: [2] Primary [3]	31.2	31.9	43.9	48.5	60.5	66.2	60.2	59.6	78.0	73.3	62.7
Net loans	8.7	11.2	14.0	13.9	26.1	32.4	28.0	20.9	34.1	20.1	20.2
Guaranteed loans outstanding	198.3	210.1	224.0	237.9	264.6	298.5	309.1	331.2	363.8	386.7	406.9

[1] Includes loans from "off-budget" Government accounts. [2] Includes capital subscriptions to international financial institutions. To avoid double counting, secondary guaranteed loans and guaranteed loans held as direct loans are excluded. [3] Gross loan guarantees minus both secondary guaranteed loans, and guaranteed loans held as direct loans by the Government—by either on- or off-budget accounts.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual.

No. 506. U.S. Savings Bonds: 1965 to 1984

[**In billions of dollars, except percent. June 30** except, beginning **1977,** as of **Sept. 30.** See *Historical Statistics, Colonial Times to 1970,* series Y 500, for similar but not exactly comparable data]

ITEM	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Amounts outstanding, total [1]	50.3	51.8	65.5	75.4	79.8	80.5	72.7	68.0	67.5	70.3	73.1
Funds from sales	4.5	4.7	6.8	7.9	8.0	7.3	4.8	3.4	3.1	4.0	3.9
Accrued discounts	1.5	1.0	3.3	3.8	4.1	4.3	4.2	4.2	4.9	5.0	5.3
Redemptions [2]	5.4	6.3	6.5	7.1	7.7	11.0	16.7	12.3	8.7	6.1	6.1
Percent of total outstanding	10.7	12.2	10.0	9.4	9.7	13.6	23.0	18.0	12.9	8.7	8.3

[1] Interest-bearing debt only for amounts end of period or end of year. [2] Matured and unmatured bonds.

Source: U.S. Dept. of the Treasury, *Treasury Bulletin,* quarterly.

No. 507. Federal Tax Indexes, by Type of Tax: 1970 to 1983

[**1967=100.** Represents tax receipts, net of refunds, as shown in the national income accounts, generally on an accrual basis]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
All taxes	**127.5**	**151.1**	**172.1**	**191.5**	**191.0**	**220.7**	**249.7**	**287.3**	**328.4**	**359.0**	**414.6**	**408.1**	**424.2**
Personal income taxes	138.1	159.6	170.1	196.3	187.7	220.0	252.9	294.4	349.4	389.8	452.9	463.6	448.8
Corporate profit taxes	102.0	121.9	144.1	150.3	145.1	181.8	205.2	237.6	247.1	234.2	218.8	155.2	199.2
Indirect business taxes [1]	119.3	122.1	130.8	132.6	145.9	141.7	150.5	167.7	170.6	223.2	330.0	271.3	296.8
Social insurance contributions	134.3	170.8	217.7	246.0	257.7	292.3	325.6	377.5	439.8	479.5	563.1	593.8	644.5
Estate and gift	120.1	174.9	166.1	156.4	159.4	182.2	233.5	171.8	180.9	214.4	227.8	248.6	192.1

[1] Excise taxes and custom duties.

Source: Tax Foundation, Inc., Washington, DC, *Facts and Figures on Government Finance,* biennial.

NO. 508. FEDERAL FUNDS—SUMMARY DISTRIBUTION, BY STATE AND OUTLYING AREAS: 1984

[**In millions of dollars, except as indicated.** For year ending **Sept. 30.** Data for grants, salaries and wages, and direct payments to individuals are on an expenditure basis; procurement is on obligation basis. Minus sign (–) indicates decrease]

REGION, DIVISION, AND STATE	FEDERAL FUNDS			Defense	Non-defense	Direct payments to individuals	Procurement	Grants to State and local gov'ts.	Salaries and wages
	Total [1]	Percent change 1983–1984	Per capita [2] (dol.)						
Total U.S.	**724,749**	**4.0**	**3,022**	**209,630**	**515,119**	**325,881**	**176,470**	**97,209**	**108,653**
	699,528	**4.0**	**2,962**	**195,644**	**503,883**	**321,885**	**159,305**	**94,037**	**107,834**
Region:									
Northeast	150,978	4.3	3,036	37,480	113,499	74,042	35,008	23,498	15,013
Midwest	149,230	.5	2,524	30,042	119,192	77,644	26,913	23,011	16,503
South	241,233	4.6	2,994	69,687	171,545	110,605	47,806	28,129	49,753
West	158,087	6.2	3,382	58,437	99,647	59,592	49,576	19,396	26,567
New England	**44,834**	**7.4**	**3,565**	**16,663**	**28,171**	**18,188**	**15,456**	**5,692**	**4,117**
Maine	3,341	8.8	2,890	841	2,501	1,730	577	590	409
New Hampshire	2,904	8.8	2,972	1,087	1,816	1,304	710	368	489
Vermont	1,394	4.1	2,630	223	1,171	704	195	331	137
Massachusetts	21,422	6.6	3,695	7,857	13,566	8,685	7,571	2,634	1,836
Rhode Island	2,982	6.0	3,100	692	2,289	1,566	435	548	376
Connecticut	12,791	8.7	4,055	5,963	6,828	4,199	5,968	1,221	870
Middle Atlantic	**106,144**	**3.0**	**2,857**	**20,817**	**85,328**	**55,854**	**19,552**	**17,806**	**10,896**
New York	53,298	3.8	3,005	10,781	42,518	26,191	10,979	10,268	4,708
New Jersey	20,433	10.3	2,719	4,687	15,746	10,710	4,172	2,871	2,430
Pennsylvania	32,413	–2.2	2,724	5,349	27,064	18,953	4,401	4,667	3,758
East North Central	**95,363**	**–2.0**	**2,292**	**15,213**	**80,153**	**53,970**	**13,507**	**15,948**	**10,314**
Ohio	25,670	–1.9	2,387	4,394	21,277	14,160	4,252	4,044	2,897
Indiana	13,037	8.2	2,371	3,246	9,791	7,078	2,705	1,760	1,277
Illinois	25,506	–10.8	2,216	3,059	22,447	14,718	2,437	4,304	3,557
Michigan	20,297	1.6	2,237	3,258	17,040	11,719	2,798	3,776	1,743
Wisconsin	10,853	2.9	2,277	1,256	9,598	6,295	1,315	2,064	840
West North Central	**53,867**	**5.4**	**3,075**	**14,829**	**39,039**	**23,674**	**13,406**	**7,063**	**6,189**
Minnesota	10,591	4.9	2,545	2,085	8,507	5,038	2,259	1,865	900
Iowa	6,332	–3.1	2,176	558	5,775	3,896	557	1,091	552
Missouri	20,335	7.4	4,061	7,680	12,654	7,301	7,366	1,775	2,144
North Dakota	2,276	7.0	3,318	456	1,820	861	241	454	418
South Dakota	2,056	6.7	2,912	232	1,824	973	130	436	366
Nebraska	4,119	–4.9	2,565	666	3,453	2,179	365	637	710
Kansas	8,158	14.5	3,346	3,152	5,006	3,426	2,488	805	1,099
South Atlantic	**134,072**	**3.6**	**3,399**	**40,317**	**93,755**	**59,648**	**25,204**	**13,921**	**32,417**
Delaware	1,635	4.9	2,667	418	1,218	824	247	299	232
Maryland	18,783	3.6	4,319	6,324	12,458	6,464	5,592	1,697	4,523
District of Columbia	12,866	11.8	20,652	1,605	11,261	1,595	1,809	1,382	7,105
Virginia	24,251	–3.0	4,303	11,918	12,334	8,317	6,013	1,628	7,706
West Virginia	4,825	2.1	2,472	218	4,608	3,264	234	819	449
North Carolina	13,626	6.0	2,210	3,462	10,164	7,439	1,140	1,929	2,887
South Carolina	8,947	7.6	2,711	2,536	6,411	4,059	1,610	1,169	2,003
Georgia	15,915	7.6	2,727	5,675	10,239	6,964	3,267	2,214	3,298
Florida	33,224	2.1	3,027	8,161	25,062	20,722	5,292	2,784	4,214
East South Central	**42,701**	**6.2**	**2,841**	**9,005**	**33,695**	**20,637**	**8,417**	**6,183**	**6,854**
Kentucky	9,369	6.2	2,517	1,615	7,754	5,029	985	1,590	1,614
Tennessee	13,610	5.4	2,885	1,535	12,074	6,250	3,373	1,885	1,940
Alabama	11,444	6.4	2,868	2,795	8,649	5,829	1,649	1,532	2,257
Mississippi	8,278	7.5	3,186	3,060	5,218	3,529	2,410	1,176	1,043
West South Central	**64,460**	**5.5**	**2,470**	**20,365**	**44,095**	**30,320**	**14,185**	**8,025**	**10,482**
Arkansas	6,088	.2	2,592	1,232	4,856	3,475	795	946	702
Louisiana	10,693	3.6	2,396	2,812	7,880	4,989	2,452	1,776	1,317
Oklahoma	8,404	8.2	2,548	2,032	6,373	4,398	718	1,167	1,827
Texas	39,275	6.4	2,456	14,289	24,986	17,458	10,220	4,136	6,636
Mountain	**38,463**	**10.2**	**3,064**	**9,741**	**28,721**	**15,383**	**9,601**	**5,578**	**7,033**
Montana	2,377	7.8	2,885	246	2,130	1,088	164	532	394
Idaho	2,497	4.3	2,495	272	2,225	1,187	442	413	388
Wyoming	1,472	20.6	2,881	201	1,270	500	139	556	240
Colorado	9,165	3.4	2,884	2,610	6,555	3,609	2,095	1,176	2,053
New Mexico	6,131	14.6	4,305	1,321	4,811	1,799	2,358	863	1,028
Arizona	9,174	12.6	3,005	2,897	6,278	4,432	2,221	990	1,408
Utah	4,840	17.7	2,930	1,662	3,177	1,586	1,383	708	1,061
Nevada	2,807	8.0	3,081	532	2,275	1,182	799	340	461
Pacific	**119,624**	**5.0**	**3,499**	**48,696**	**70,926**	**44,209**	**39,975**	**13,818**	**19,534**
Washington	14,812	–3.1	3,406	5,146	9,665	5,955	4,216	1,698	2,668
Oregon	6,545	5.3	2,448	539	6,006	3,913	423	1,246	814
California	91,713	6.3	3,579	39,714	51,999	32,694	34,178	9,799	13,461
Alaska	2,322	12.8	4,644	973	1,348	326	581	616	782
Hawaii	4,232	5.3	4,073	2,324	1,908	1,321	577	459	1,809
American Samoa	61	29.8	1,817	1	61	9	–	47	2
Guam	768	74.5	6,905	614	153	62	195	89	418
Northern Marianas	103	128.9	5,707	54	49	4	54	44	1
Puerto Rico	5,403	13.8	1,657	493	4,911	2,354	431	2,231	359
Pacific Islands, Trust Terr	182	1.1	1,518	4	179	3	–	162	5
Virgin Islands	407	124.9	3,984	175	231	73	165	137	30
Undistributed	18,297	–1.0	(X)	12,645	5,652	1,491	16,320	465	4

– Represents zero. X Not applicable. [1] Includes other programs not shown separately. [2] Resident population, provisional estimate as of July 1, 1984.

Source: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year*, annual.

No. 509. Tax Returns Filed, Examination Coverage, and Average Tax and Penalty: 1983

[Calendar year 1983]

ITEM	Returns filed (1,000)	Returns examined				Average tax and penalty per return (dollars)		
		Total	Revenue agents	Tax auditors	Service centers	Revenue agents	Tax auditors	Service centers
Individual, total	95,541	1,215,927	276,182	859,351	80,394	11,584	1,314	692
1040A, total income under $10,000	21,899	63,219	6,929	51,061	5,229	12,041	860	674
Non 1040A, total income:								
Under $10,000	9,458	43,862	8,289	31,333	4,240	4,463	626	343
$10,000—$24,999, simple	20,316	127,272	9,875	107,024	10,373	4,119	730	984
$10,000—$24,999, complex	10,429	155,800	23,499	115,433	16,868	3,820	804	645
$25,000—$49,999	22,243	456,928	50,549	380,049	26,330	4,512	874	547
$50,000 and over	5,531	221,419	105,816	105,703	9,900	16,679	3,713	818
Schedule C—TGR: [1] Under $25,000	1,839	26,228	8,527	16,436	1,265	6,347	1,158	836
$25,000—$99,999	1,844	47,107	18,905	25,602	2,600	7,401	2,159	1,472
$100,000 and over	946	50,112	31,877	16,355	1,880	20,917	5,094	907
Schedule F—TGR: [1] Under $25,000	311	5,263	2,049	2,858	356	8,808	393	172
$25,000—$99,999	490	9,068	3,937	4,422	709	2,991	939	261
$100,000 and over	236	9,649	5,930	3,075	644	10,930	2,448	390
Fiduciary	2,020	9,698	9,462	236	-	9,479	13,118	-
Partnerships	1,594	25,086	24,940	146	-	-	-	-
Corporation, total	2,475	65,803	65,803	-	-	127,195	-	-
Small business corporations	617	6,295	6,295	-	-	11,846	-	-
Form 1120 DISC [2]	12	1,058	1,058	-	-	-	-	-
Estate, total	106	18,238	18,238	-	-	44,060	-	-
Gross estate: Under $1 million	96	12,974	12,974	-	-	21,798	-	-
$1 million—$4,999 million	10	4,738	4,738	-	-	56,604	-	-
$5 million and over	1	526	526	-	-	480,168	-	-
Gift	93	2,080	2,080	-	-	24,884	-	-
Excise	1,063	44,294	44,154	140	-	1,465	255	-
Employment	25,749	20,263	17,764	2,499	-	3,867	627	-
Windfall profit	14	9,791	2,414	22	7,355	161,973	75	853
Miscellaneous	-	254	254	-	-	8,370	-	-
Service center corrections	-	680,732	-	-	680,732	-	-	610

- Represents zero. [1] Total gross receipts. [2] Domestic international sales corporation.

No. 510. Internal Revenue Collections, by Source: 1965 to 1984

[For years ending **June 30** except, beginning **1980** ending **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970,* series Y 358-373]

SOURCE OF REVENUE	Collections (bil. dol.)								Percent of total			
	1965	1970	1975	1980	1981	1982	1983	1984	1970	1980	1983	1984
All taxes	**114.4**	**195.7**	**293.0**	**519.4**	**606.8**	**632.2**	**627.2**	**680.5**	**100.0**	**100.0**	**100.0**	**100.0**
Individual income taxes	53.7	103.7	156.4	287.5	332.9	352.6	349.6	362.9	55.4	54.9	55.7	53.3
Withheld by employers	36.8	77.4	122.1	223.8	256.0	267.5	266.0	279.0	39.6	43.1	42.4	41.0
Employment taxes [1]	17.1	37.4	70.1	128.3	152.9	168.7	173.8	199.2	19.1	24.7	27.7	29.3
Old-age and disability insurance	15.8	35.7	67.1	122.5	146.5	162.1	166.4	189.5	18.2	23.6	26.5	27.8
Unemployment insurance	.6	.8	1.4	3.3	3.6	3.4	4.3	6.0	.4	.6	.7	.9
Corporation income taxes	26.1	35.0	45.7	72.4	73.7	66.0	61.8	74.2	17.9	13.9	9.8	10.9
Estate and gift taxes	2.7	3.7	4.7	6.5	6.9	8.1	6.2	6.2	1.9	1.3	1.0	1.0
Excise taxes	14.8	15.9	16.8	24.6	40.4	36.8	35.8	38.0	8.1	4.7	5.7	5.6
Alcohol	3.8	4.7	5.4	5.7	5.7	5.5	5.6	5.4	2.4	1.1	.9	.8
Tobacco	2.1	2.1	2.3	2.4	2.6	2.5	4.1	4.7	1.1	.5	.7	.7
Manufactures	6.4	6.7	5.5	6.5	6.1	6.4	6.4	10.1	3.4	1.3	1.1	1.5
Windfall profits tax	(x)	(x)	(x)	3.1	16.9	22.0	15.7	8.1	(x)	.6	2.5	1.2
Other	2.5	2.4	3.6	6.9	9.1	.4	4.0	9.7	1.2	1.3	.6	1.4

X Not applicable. [1] Includes railroad retirement, not shown separately.

Source of tables 509 and 510: U.S. Dept. of the Treasury, *Annual Report of the Commissioner of the Internal Revenue Service.*

No. 511. Federal Individual Income Tax Returns, by Marital Status: 1975 to 1983

ITEM	Number of returns (1,000)					Percent		
	1975	1980	1981	1982	1983	1980	1982	1983
Total tax returns [1]	**82,229**	**93,902**	**95,396**	**95,337**	**96,321**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	44,140	45,243	45,698	46,050	46,364	48.2	48.3	48.1
Returns of single persons	31,012	39,143	39,710	39,571	40,118	41.7	41.5	41.7
Returns with income under $20,000 [1]	**70,172**	**63,827**	**61,589**	**59,833**	**59,313**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	32,981	19,863	18,321	17,934	17,556	31.1	30.0	29.6
Returns with income $20,000 and over [1]	**12,057**	**30,075**	**33,807**	**35,504**	**37,008**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	11,159	25,380	27,337	28,115	28,807	84.4	79.1	77.8

[1] Includes other returns not shown separately.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns,* annual.

No. 512. Federal Individual Income Tax Returns with Adjusted Gross Income (AGI)—Summary: 1970 to 1983

[Includes Puerto Rico and Virgin Islands. Includes returns of resident aliens; based on a sample of unaudited returns as filed. Taxability or nontaxability is determined by presence or absence of income tax *after credits and additional tax for tax preferences*. Classification as "nontaxable" generally based on each return as originally filed and does not reflect subsequent changes (amended returns, audits, etc.). Adjusted gross income is gross income less losses from all sources subject to tax reduced by legally permitted subtractions such as: Expenses of operating a business or trade, contributions to Individual Retirement Arrangements, moving expenses, etc. Data are not comparable for all years because of tax changes. See *Statistics of Income, Individual Income Tax Returns* publications for a detailed explanation. Based on sample of unaudited returns as filed; see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series Y 393–411, for related data]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983
Returns, total	Million	74.3	82.2	89.8	92.7	93.9	95.4	95.3	96.3
Joint returns	Million	42.4	44.1	44.5	44.9	45.2	45.7	46.1	46.4
Gross income, total	Bil. dol	639.4	962.9	1,324.8	1,490.2	1,642.3	1,804.0	1,917.0	2,024.0
Salaries and wages	Bil. dol	531.9	795.4	1,090.3	1,229.3	1,349.8	1,486.1	1,565.0	1,644.6
Interest received	Bil. dol	22.0	43.4	61.2	73.9	102.0	[1] 140.6	157.0	153.8
Taxable pensions and annuities	Bil. dol	7.9	20.9	32.7	37.3	43.3	51.9	60.1	69.8
Dividends, after exclusions	Bil. dol	15.8	21.9	30.2	33.5	36.8	(NA)	52.1	48.6
Net capital gain less loss, amount	Bil. dol	9.0	14.1	23.2	28.4	29.7	30.8	34.4	48.9
Business net income (less loss) amount	Bil. dol	30.6	39.4	53.5	56.6	55.1	53.1	50.6	60.4
Total adjustments:									
Returns, number	Million	6.4	9.0	10.6	11.5	13.1	14.1	33.4	34.8
Amount	Bil. dol	7.7	15.1	22.4	24.8	28.6	31.4	64.9	81.4
Married couple, both employed:									
Returns number	Million	(x)	(x)	(x)	(x)	(x)	(x)	21.7	22.6
Amount	Bil. dol	(x)	(x)	(x)	(x)	(x)	(x)	9.0	19.8
Individual Retirement Arrangement:									
Returns, number	Million	(x)	1.2	2.4	2.5	2.6	3.4	12.0	13.6
Amount	Bil. dol	(x)	1.4	3.0	3.2	3.4	4.8	28.3	32.1
Self-Employed Retirement (Keogh):									
Returns, number	Million	.6	.6	.6	.6	.6	.6	.6	.7
Amount	Bil. dol	.8	1.6	2.0	2.0	2.0	2.0	2.5	2.9
Adjusted gross income	Bil. dol	631.7	947.8	1,302.4	1,465.4	1,613.7	1,772.6	1,852.1	1,942.6
Exemptions:									
Total number	Million	204.1	212.2	219.9	224.7	227.9	231.2	232.2	234.4
Number, age 65 or over	Million	8.9	9.9	11.0	11.3	11.8	13.1	14.0	14.8
Total amount	Bil. dol	127.5	159.1	113.0	224.7	227.6	231.1	232.1	234.4
Total deductions:									
Number of returns	Million	73.9	81.6	85.5	87.2	88.5	90.3	90.3	91.5
Amount	Bil. dol	120.5	233.2	242.4	285.6	346.0	401.2	[2] 425.2	[2] 448.7
Total itemized deductions:									
Number of returns	Million	35.4	26.1	25.8	26.5	29.0	31.6	33.4	35.2
Amount	Bil. dol	88.2	122.3	164.4	184.2	218.0	256.4	284.5	309.6
Medical and dental expense	Bil. dol	10.6	11.4	12.2	12.9	15.0	17.9	21.7	[3] 18.1
Taxes paid	Bil. dol	32.0	44.1	59.5	60.7	69.4	79.7	88.0	99.8
Interest paid	Bil. dol	23.9	38.9	60.7	74.4	91.2	108.7	121.9	134.7
Contributions	Bil. dol	12.9	15.4	19.7	22.2	25.8	30.8	33.5	37.7
Taxable income:									
Number of returns	Million	59.6	65.9	85.3	86.9	88.1	89.9	89.7	90.8
Amount	Bil. dol	401.2	595.5	1,062.2	1,157.2	1,280.0	1,410.9	1,473.3	1,544.9
Percent of AGI	Percent	63.5	62.8	81.6	79.0	79.3	79.6	79.5	79.5
Income tax before credits:									
Number of returns	Million	59.6	65.9	73.1	74.2	76.1	79.0	78.3	80.6
Amount	Bil. dol	[4] 84.2	132.5	203.8	220.1	256.3	293.6	283.9	279.8
Total tax credits	Bil. dol	.4	8.1	17.1	6.8	7.2	11.3	7.9	8.2
General	Bil. dol	(x)	5.0	10.2	(x)	(x)	[5] 3.4	(x)	(x)
Investment	Bil. dol	(z)	1.6	2.9	3.3	3.3	4.0	4.1	4.2
Foreign	Bil. dol	.2	.4	.9	.9	1.3	1.2	.8	.6
Child care	Bil. dol	(x)	(x)	.7	.8	1.0	1.1	1.5	2.1
Elderly	Bil. dol	.2	.1	.1	.1	.1	.1	.1	.1
Residential energy	Bil. dol	(x)	(x)	.6	.5	.6	.6	.6	.5
Earned income	Bil. dol	(x)	.3	.2	.5	.5	.5	.4	.3
Income tax after credits	Bil. dol	83.8	124.4	186.7	213.3	249.1	282.3	276.1	271.7
Additional tax for tax preferences	Bil. dol	.1	.1	1.5	1.2	1.3	1.8	1.5	2.5
Total income tax:									
Number of returns	Million	59.3	61.5	68.7	71.7	73.9	76.7	77.0	78.0
Amount	Bil. dol	83.9	124.5	188.2	214.5	250.3	284.1	277.6	274.2
Percent of AGI	Percent	13.7	13.9	15.2	15.3	16.1	16.5	15.4	14.5
Percent of taxable income	Percent	20.9	21.1	18.3	19.0	20.0	20.5	19.2	18.1
Average AGI per return	Dollars	8,504	11,526	14,508	15,809	17,185	18,582	19,427	20,168
Average income tax per return	Dollars	1,415	2,025	2,740	2,992	3,387	3,703	3,703	3,514
Income tax per capita of total population	Dollars	412	585	847	955	1,102	1,238	1,198	1,172
Payment status:									
Payment due returns	Million	16.5	15.8	21.6	18.8	21.8	23.0	20.3	18.5
Refund or credit due returns	Million	55.3	63.8	65.5	71.4	69.9	70.0	72.4	75.0

NA Not available. X Not applicable. Z Less than $50 million. [1] Data for interest and dividends are before exclusion. The combined amount of interest and dividends in adjusted gross income (after the exclusion) was $178.1 billion. [2] Includes total itemized deductions, charitable contributions for non-itemizers and zero bracket amounts on non-itemized returns. [3] Individuals could take the medical and dental expense deduction if the total of deductable expenses exceeded 5 percent of their adjusted gross income and could no longer take a separate deduction for health insurance premiums paid. [4] Includes surcharge of $2 billion. [5] For 1981 only, this was the 1.25 percent rate reduction credit applicable to all returns with income tax before credits, as provided by the Economic Recovery Tax Act of 1981.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Vol. 4, No. 3, winter 1984–85.

NO. 513. FEDERAL INDIVIDUAL INCOME TAX RETURNS: 1980 AND 1983

[**Number of returns in 1,000; income in billions of dollars.** See headnote, table 512]

ADJUSTED GROSS INCOME (AGI) CLASS	NUMBER OF RETURNS		ADJUSTED GROSS INCOME (AGI) [1]		TAXABLE INCOME [2]		INCOME TAX [3]	
	1980	1983	1980	1983	1980	1983	1980	1983
Total [4]	**93,239**	**95,331**	**1,613.7**	**1,942.6**	**1,280.0**	**1,544.9**	**250.3**	**274.2**
Taxable returns	[5] 73,898	[5] 78,007	1,556.1	1,895.2	1,252.0	1,516.3	250.3	274.2
Under $10,000	19,105	17,379	128.7	115.0	100.5	91.0	8.4	6.3
$10,000–$19,999	24,876	23,902	363.5	349.4	291.0	281.1	39.8	31.5
$20,000–$29,999	15,850	16,032	389.1	396.2	314.4	322.3	53.4	46.3
$30,000–$39,999	7,912	10,353	271.8	357.0	220.6	287.3	44.4	47.8
$40,000–$49,999	3,042	5,127	134.4	227.3	108.9	181.0	25.6	34.8
$50,000–$99,999	2,554	4,396	165.0	280.7	133.2	220.1	39.8	53.7
$100,000 and over	559	818	104.2	169.6	83.5	133.6	38.9	53.7

[1] Adjusted gross income less deficit. [2] Represents adjusted gross income minus exemptions and deductions. [3] Consists of income tax after credit and minimum tax. [4] Includes nontaxable returns. [5] Taxable returns include with the presence of income tax (the sum of income tax after credits and the additional tax for tax preferences).

NO. 514. AVERAGE TAX ON TAXABLE INDIVIDUAL INCOME TAX RETURNS: 1975 TO 1983

[See headnote, table 512]

ADJUSTED GROSS INCOME CLASS	AVERAGE TAX [1] ($1,000)					PERCENT TOTAL TAX [1] OF TAXABLE INCOME [3]				
	1975	1980	1981	1982	1983 [2]	1975	1980	1981	1982	1983 [2]
Total	**2.0**	**3.4**	**3.7**	**3.6**	**3.5**	**21.1**	**20.0**	**20.5**	**19.2**	**18.1**
Under $10,000	.5	.4	.4	.4	.4	15.0	8.4	8.2	7.6	6.9
$10,000–$19,999	1.6	1.6	1.6	1.4	1.3	17.6	13.7	13.7	12.3	11.2
$20,000–$29,999	3.4	3.4	3.4	3.2	2.9	20.2	17.0	17.2	15.8	14.4
$30,000–$39,999	6.7	5.6	5.6	5.1	4.6	24.4	20.1	20.2	18.3	16.7
$40,000–$49,999		8.4	8.4	7.5	6.8		23.5	23.4	21.2	19.2
$50,000–$99,999	17.2	15.6	14.9	13.5	12.2	33.3	29.9	29.3	26.9	24.4
$100,000 and over	66.2	69.5	66.3	65.7	65.7	47.8	46.6	45.6	41.6	40.2

[1] Consists of income tax after credits, minimum tax, and beginning in 1980, alternative minimum tax. [2] Tax year 1983 data cover minimum tax for prior year returns only. [3] Beginning 1980, not comparable to previous years because of change in definition of taxable income (see headnote, table 512.

NO. 515. ALL RETURNS—ITEMIZED DEDUCTIONS AND STATUTORY ADJUSTMENTS: 1983

ITEM	Unit	ADJUSTED GROSS INCOME CLASS							
		Total	Under $10,000	$10,000 to $19,999	$20,000 to $29,999	$30,000 to $39,999	$40,000 to $49,999	50,000 to $99,999	$100,000 and over
Returns with itemized deductions	1,000	35,230	2,516	6,103	8,797	8,160	4,656	4,193	806
Total itemized deductions	Bil. dol	309.6	11.3	34.1	57.1	64.3	45.6	60.8	36.3
Interest paid:									
Returns	1,000	31,684	1,500	5,266	8,129	7,761	4,400	3,907	721
Amount	Bil. dol	134.7	3.9	14.3	25.9	29.5	20.8	27.0	13.4
Average deduction per return	Dol	4,251	2,605	2,713	3,186	3,797	4,721	6,904	18,565
Home mortgages (number of returns)	1,000	25,599	1,080	3,944	6,367	6,500	3,778	3,337	554
Average deduction	Dol	3,475	2,426	2,469	2,851	3,170	3,805	5,389	9,675
Taxes paid:									
Returns, total	1,000	34,872	2,237	6,051	8,781	8,154	4,653	4,190	806
State and local income taxes	1,000	28,565	1,239	4,659	7,481	6,951	4,030	3,528	677
Real estate taxes	1,000	29,157	1,463	4,668	7,019	7,148	4,218	3,883	758
Amount, total	Bil. dol	99.8	2.0	8.4	17.6	21.9	15.9	21.4	12.6
State and local income taxes	Bil. dol	5.04	.3	2.7	8.0	10.6	8.2	11.6	8.9
Real estate taxes	Bil. dol	29.9	1.2	3.6	5.6	6.7	4.5	6.1	2.4
Contributions:									
Returns	1,000	32,030	1,658	5,362	8,018	7,644	4,480	4,081	787
Amount	Bil. dol	37.7	1.0	4.0	6.2	6.9	5.0	7.3	7.3
Medical and dental expenses:									
Returns	1,000	9,720	1,435	3,168	2,552	1,483	612	431	38
Amount	Bil. dol	18.1	3.7	5.5	3.8	2.1	1.1	1.4	.4
Returns with statutory adjustments [1]	1,000	34,838	2,778	7,034	8,917	7,509	4,234	3,727	640
Amount of adjustments	Bil. dol	81.4	4.7	10.0	15.2	16.6	13.0	17.1	4.8
Payments to individual retirement arrangements:									
Returns	1,000	5,562	234	728	1,188	1,196	914	1,072	230
Amount	Bil. dol	12.5	.4	1.3	2.4	2.7	2.2	2.9	.6
Payments to Keogh: Returns	1,000	656	13	85	96	104	76	193	90
Amount	Bil. dol	2.9	(z)	.1	.2	.3	.3	1.2	.8

Z Less than $50 million. [1] Also includes disability income exclusion, employee business expenses, moving expenses, forfeited interest penalty, alimony paid, deduction for expense of living abroad, and other data not shown separately.

Source of tables 513–515: U.S. Internal Revenue Service, *Statistics of Income, 1983, Individual Income Tax Returns*, annual.

NO. 516. FEDERAL INDIVIDUAL INCOME TAX RETURNS, INCOME, AND TAXES, BY STATE: 1980 AND 983

DIVISION AND STATE	1980				1983, prel.			
	Number of returns [1] (1,000)	Adjusted gross income (mil. dol.)	Income tax		Number of returns [1] (1,000)	Adjusted gross income (mil. dol.)	Income tax	
			Total (mil. dol.)	Average tax [2] (dol.)			Total (mil. dol.)	Average tax [2] (dol.)
U.S., total [3]	**93,902**	**1,613,731**	**250,341**	**3,387**	**96,294**	**1,950,788**	**276,086**	**3,536**
N. Eng:								
ME	461	6,361	840	2,415	474	7,980	992	2,611
NH	412	6,752	1,019	2,955	438	8,830	1,269	3,495
VT	210	3,042	411	2,469	217	3,752	475	2,693
MA	2,538	43,124	6,716	3,306	2,633	55,676	8,272	3,757
RI	407	6,397	960	2,960	416	7,792	1,027	3,013
CT	1,438	27,957	5,002	4,251	1,486	35,233	5,708	4,560
Mid. Atl:								
NY	7,157	129,526	20,139	3,496	7,253	162,169	23,731	3,920
NJ	3,355	62,910	10,390	3,760	3,556	81,151	12,379	4,119
PA	4,845	81,173	12,647	3,264	4,879	94,167	13,113	3,320
E.N.C:								
OH	4,481	76,445	12,047	3,316	4,328	86,080	11,679	3,324
IN	2,202	37,210	5,862	3,405	2,174	41,775	5,751	3,302
IL	4,834	90,055	15,221	3,906	4,726	100,816	15,069	3,926
MI	3,665	66,797	10,418	3,627	3,553	74,288	9,984	3,489
WI	1,969	32,757	4,644	3,042	1,946	36,879	4,691	2,991
W.N.C:								
MN	1,738	29,683	4,373	3,257	1,725	34,688	4,463	3,155
IA	1,189	19,847	2,921	3,165	1,157	21,000	2,895	3,100
MO	1,976	32,188	4,909	3,196	1,991	38,458	5,451	3,379
ND	271	3,980	562	2,758	279	4,741	658	2,910
SD	278	3,733	507	2,778	279	4,043	554	2,542
NE	662	10,474	1,500	3,007	664	11,649	1,620	3,016
KS	996	16,983	2,653	3,429	992	19,612	2,844	3,502
S.A:								
DE	254	4,628	745	3,682	264	5,620	791	3,640
MD	1,876	34,500	5,387	3,588	1,924	43,575	6,180	3,857
DC	308	5,584	967	3,922	310	6,572	1,027	4,061
VA	2,227	38,794	5,942	3,351	2,324	49,465	6,837	3,548
WV	674	10,896	1,668	3,186	655	11,884	1,576	3,048
NC	2,339	34,490	4,721	2,651	2,440	43,347	5,438	2,763
SC	1,184	17,340	2,263	2,479	1,221	21,498	2,612	2,686
GA	2,131	33,037	4,657	2,888	2,251	43,018	5,735	3,156
FL	4,159	67,126	10,852	3,358	4,645	89,972	13,365	3,550
E.S.C:								
KY	1,306	19,889	2,860	2,838	1,305	23,205	3,091	2,994
TN	1,762	26,597	3,892	2,976	1,796	31,921	4,327	3,034
AL	1,397	21,479	2,993	2,923	1,417	25,318	3,223	2,875
MS	861	11,989	1,608	2,632	867	13,925	1,740	2,645
W.S.C:								
AR	812	11,273	1,516	2,598	818	13,389	1,713	2,666
LA	1,575	26,505	4,354	3,561	1,609	31,761	4,714	3,716
OK	1,186	19,966	3,142	3,387	1,247	24,758	3,638	3,628
TX	5,845	103,954	17,915	3,896	6,271	133,319	21,187	4,203
Mt:								
MT	331	4,998	697	2,841	335	5,546	736	2,820
ID	359	5,462	706	2,616	361	6,118	745	2,603
WY	210	3,949	679	4,071	207	4,211	639	3,853
CO	1,297	22,812	3,545	3,397	1,367	28,831	4,049	3,610
NM	518	7,764	1,093	2,930	550	9,622	1,274	3,019
AZ	1,113	18,298	2,597	3,031	1,205	23,165	2,995	3,122
UT	539	8,750	1,109	2,734	559	10,765	1,251	2,820
NV	394	6,786	1,103	3,378	415	8,301	1,222	3,631
Pac:								
WA	1,789	32,732	5,410	3,697	1,803	37,409	5,313	3,614
OR	1,129	18,535	2,661	3,022	1,087	20,130	2,539	2,937
CA	10,347	189,585	28,732	3,478	10,774	234,046	32,575	3,731
AK	183	4,097	770	5,258	235	6,194	1,063	5,442
HI	424	7,321	1,044	3,149	448	8,731	1,104	3,036

[1] Includes both taxable returns and returns without tax liability. [2] Applies only to returns with tax liability. [3] Includes data for returns by U.S. citizens living abroad, U.S. citizens with APO or FPO addresses, and residents of Puerto Rico.

Source U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Winter 1984–85.

No. 517. Federal Individual Income Tax—Effective (Average) and Marginal Tax Rates, for Selected Income Groups: 1954 to 1985

[Refers to income after exclusions. Effective rate represents tax liability divided by stated income. The marginal tax rate is the percentage of the first additional dollar of income which would be paid in income tax. Computations assume the low income allowance, standard deduction, zero bracket amount, or itemized deductions equal to 10 percent of adjusted gross income, whichever is greatest. Excludes self-employment tax. See *Historical Statistics, Colonial Times to 1970,* series Y 412–439, for similar data based on net income]

Adjusted gross income [1]	Tax liability							Effective rate (percent)							Marginal tax rate (percent)						
	1954–1963	1965	1970 [2]	1975	1979–1980 [3]	1984	1985	1954–1963	1965	1970 [2]	1975	1979–1980 [3]	1984	1985	1954–1963	1965	1970 [2]	1975	1979–1980 [3]	1984	1985
CURRENT DOLLARS																					
Single person, no dependents:																					
$5,000	818	671	683	404	250	193	177	16.4	13.4	13.7	8.1	5.0	3.9	3.5	22	19	19.5	19	16	12	12
$10,000	2,096	1,742	1,726	1,476	1,177	915	888	21.0	17.4	17.3	14.8	11.8	9.2	8.9	34	28	25.6	20.2	21	16	16
$20,000	5,900	4,918	4,405	4,123	3,837	2,945	2,845	29.5	24.6	22.0	20.6	19.2	14.7	14.3	50	42	34.8	34	34	26	26
$25,000	8,324	6,982	6,091	5,865	5,484	4,205	4,125	33.3	27.9	24.4	23.5	21.9	16.8	16.5	56	48	39.0	38	39	30	26
$35,000	13,778	11,627	10,028	9,698	9,194	7,065	6,916	39.4	33.2	28.7	27.7	26.3	20.2	19.8	62	53	46.1	45	44	34	34
$50,000	22,788	19,230	17,235	16,710	16,032	12,335	12,067	45.6	38.5	34.5	33.4	32.1	24.7	24.1	72	60	61.5	60	55	42	42
$75,000	39,702	33,206	31,560	30,680	29,487	22,595	22,195	52.9	44.3	42.1	40.9	39.3	30.1	29.6	78	64	65.6	64	63	48	48
Married couple, 2 dependents: [4]																					
$5,000	420	290	290	[5] −300	[5] −500	[6] −500	[5] −550	8.4	5.8	5.8	[5] 6.0	[5] −10.0	[5] −10.0	[5] −11.0	20	15	15	[5] 10	–	–	–
$10,000	1,372	1,114	1,112	709	374	291	[5] 132	13.7	11.1	11.2	7.1	3.7	2.9	[5] 1.3	22	19	19.5	19	16	12	[5] 24.2
$20,000	3,800	3,160	3,213	2,740	2,265	1,741	1,682	19.0	15.8	16.1	13.7	11.3	8.7	8.4	30	25	25.6	25	24	18	16
$25,000	5,318	4,412	4,490	4,092	3,497	2,673	2,566	21.3	17.6	18.0	16.4	14.0	10.7	10.3	38	32	28.7	28	28	22	18
$35,000	9,037	7,529	7,677	7,175	6,571	5,070	4,916	25.8	21.5	21.9	20.5	18.8	14.5	14.0	47	39	40.0	39	37	28	25
$50,000	15,976	13,388	13,674	12,980	12,118	9,310	9,086	32.0	26.8	27.3	26.0	24.2	18.6	18.2	56	48	49.2	48	43	33	33
$75,000	29,635	25,025	25,594	24,575	23,404	18,066	17,649	39.5	33.4	34.1	32.8	31.2	24.1	23.5	65	55	56.4	55	54	42	42

Constant (1980) dollars [6]	Current income equivalent to constant income							Effective rate (percent)							Marginal tax rate (percent)						
	1960	1970	1975	1979	1980	1984	1985	1960	1970 [2]	1975	1979	1980	1984	1985	1960	1970 [2]	1975	1979	1980	1984	1985
Single person, no dependents:																					
$5,000	2,010	2,585	3,499	4,536	5,000	6,160	6,353	12.0	7.5	4.0	3.9	5.0	5.6	5.6	20	16.8	16	16	16	14	14
$10,000	4,019	5,170	6,998	9,902	10,000	12,320	12,705	15.5	13.8	11.4	10.9	11.8	10.5	10.5	22	21.5	21	19	21	18	18
$20,000	8,038	10,341	13,997	18,144	20,000	24,639	25,411	19.3	17.0	16.7	17.9	19.2	16.7	16.6	30	25.6	22.7	30	34	26	26
$25,000	10,048	12,926	17,496	22,680	25,000	30,799	31,764	21.0	18.7	19.0	20.9	21.9	18.8	18.7	34	27.7	31	34	39	34	30
$35,000	14,067	18,097	24,494	31,752	35,000	43,119	44,469	24.4	21.1	23.2	24.9	26.3	22.7	22.6	43	31.8	38	44	44	38	38
$50,000	20,095	25,852	34,992	45,361	50,000	61,599	63,527	29.6	24.8	27.7	30.0	32.1	27.3	27.1	50	41.0	45	55	55	48	48
$75,000	30,143	38,779	52,487	68,041	75,000	92,398	95,291	36.7	30.2	34.4	37.5	39.1	32.6	32.5	62	51.2	60	63	63	50	50
Married couple, 2 dependents: [4]																					
$5,000	2,010	2,585	3,499	4,536	5,000	6,160	6,353	–	–	[5] −10	[5] −10	[5] −10	[5] −7.8	[5] −8.7	–	–	[5] −10	[5] −10	–	[5] 12.5	–
$10,000	4,019	5,170	6,998	9,902	10,000	12,320	12,705	6.1	5.8	[5] 1.2	[5] 1.4	3.7	4.7	4.7	20	16.8	[5] 26	[5] 26.5	16	14	14
$20,000	8,038	10,341	13,997	18,144	20,000	24,639	25,411	12.2	11.4	10.2	10.3	11.3	10.5	10.4	22	19.5	18.5	21	24	22	22
$25,000	10,048	12,926	17,496	22,680	25,000	30,799	31,764	13.7	12.9	12.1	12.8	14.0	13.0	12.9	22	22.6	22	24	28	25	25
$35,000	14,067	18,097	24,494	31,752	35,000	43,119	44,469	16.1	15.3	16.1	17.4	18.8	16.9	16.7	26	25.6	28	32	37	33	33
$50,000	20,095	25,852	34,992	45,361	50,000	61,599	63,527	19.0	18.3	20.5	22.8	24.2	21.4	21.3	30	32.8	39	43	44	38	38
$75,000	30,143	38,779	52,487	68,041	75,000	92,398	95,291	23.6	23.3	26.8	29.4	31.2	26.7	26.6	43	43.0	50	54	54	42	42

– Represents zero. [1] See headnote, table 512. [2] Includes tax surcharge. [3] 1981 tax liability and tax rates are 98.75 percent of the 1980 rates. [4] Only one spouse is assumed to work. [5] Refundable earned income credit. [6] Amount of adjusted gross income equivalent to adjusted gross income in 1980 dollars was calculated by using the NIPA personal consumption expenditure deflator (1972=100). The values of the deflators are: 1960, 71.9; 1970, 92.5; 1975, 125.3; 1979, 162.3; 1980, 178.9; 1984, 220.4; and 1985, 227.3 (estimated).

Source: U.S. Dept. of the Treasury, unpublished data.

No. 518. Federal Individual Income Tax Returns—Adjusted Gross Income, by Source of Income and Income Class: 1983

[**In millions of dollars, except percent.** Minus sign (−) indicates net loss was greater than net income. See headnote, table 512]

ITEM	Total [1]	ADJUSTED GROSS INCOME CLASSES FOR TAXABLE RETURNS						
		Total [2]	Under $10,000 [2]	$10,000–$24,999	$25,000–$49,999	$50,000–$99,999	$100,000–$199,999	$200,000 and over
Number of returns (1,000)	96,321	78,016	17,388	32,636	22,777	4,396	619	198
SOURCE OF INCOME								
Adjusted gross income (AGI)	1,942,590	1,895,161	114,963	545,453	784,423	280,731	82,096	87,494
Salaries	1,644,573	1,578,861	90,372	460,327	707,224	229,376	55,017	36,544
Percent of AGI	84.6	83.3	78.6	84.4	90.2	81.7	67.0	41.7
Interest received	153,805	142,252	15,485	44,218	44,777	21,799	7,716	8,257
Dividends in AGI	48,557	46,261	1,764	7,232	10,273	10,108	5,921	10,963
Business and profession, net	60,359	59,887	2,307	13,718	19,378	15,732	5,295	3,455
Pensions and annuities [3]	69,814	65,885	6,590	27,344	22,862	7,284	1,268	536
Sales of capital assets, [4] net	50,076	46,570	1,582	3,204	6,610	8,073	6,513	20,587
Rents and royalties, net	−5,387	−1,577	−297	−1,003	−2,565	−563	488	2,364
Other sources, [5] net	−79,207	−42,978	−2,840	−9,587	−24,136	−11,078	−122	4,788
PERCENT DISTRIBUTION								
Number of returns	100.0	81.0	18.0	33.9	23.6	4.5	.6	.2
Adjusted gross income	100.0	97.6	5.9	28.1	40.4	14.5	4.2	4.5
Salaries	100.0	96.0	5.5	28.0	43.0	13.9	3.3	2.2
Interest received	100.0	92.5	10.1	28.7	29.1	14.2	5.0	5.4
Dividends in AGI	100.0	95.3	3.6	14.9	21.2	20.8	12.2	22.6
Business and profession, net	100.0	99.2	3.8	22.7	32.1	26.1	8.8	5.7
Pensions and annuities [3]	100.0	94.4	9.4	39.2	32.7	10.4	1.8	.8
Sales of capital assets, [4] net	100.0	93.0	3.2	6.4	13.2	16.1	13.0	41.1

[1] Includes returns with no adjusted gross income. [2] Includes a small number of taxable returns with no adjusted gross income. [3] Taxable portion. [4] Includes net sales of property other than capital assets ($1.2 billion in 1983). [5] Includes statutory adjustments of $81.4 billion.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns, 1983.*

No. 519. Federal Individual Income and Employment Tax Receipts—States: 1982 to 1984

[For years ending **Sept. 30.** A State's receipts do not necessarily indicate its tax burden since, in many instances, taxes are collected in one State from residents of another. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	TAX RECEIPTS					
	Total (mil. dol.)			Percent of personal income [1]		
	1982	1983	1984	1982	1983	1984
Total [2]	**521,327**	**523,476**	**562,102**	**20.3**	**19.1**	**18.7**
Region:						
Northeast	136,166	138,590	150,125	22.9	21.8	21.7
Midwest	142,824	142,236	151,121	22.1	21.0	20.2
South	138,160	140,754	150,182	17.3	16.5	16.0
West	97,690	98,694	104,602	18.4	17.4	16.8
N.E	**32,887**	**33,220**	**35,768**	**22.1**	**20.7**	**20.0**
ME	1,366	1,423	1,522	13.3	12.9	12.4
NH	1,661	1,765	1,922	16.3	15.8	15.0
VT	647	808	730	13.2	15.3	12.8
MA	14,106	14,929	16,416	20.2	19.8	19.4
RI	1,979	1,926	2,098	19.3	17.5	17.2
CT	13,128	12,369	13,080	30.3	26.6	25.3
M.A	**103,279**	**105,370**	**114,357**	**23.2**	**22.2**	**22.3**
NY	56,686	58,570	62,990	26.1	18.1	25.2
NJ	18,735	19,764	22,879	19.2	18.8	19.9
PA	27,858	27,036	28,488	21.4	19.7	19.4
E.N.C	**104,281**	**102,720**	**110,212**	**22.7**	**21.3**	**20.9**
OH	26,618	26,102	27,528	23.1	21.6	20.8
IN	11,123	11,383	12,018	20.3	19.7	18.5
IL	33,740	32,884	34,451	24.4	22.7	21.8
MI	23,820	23,740	27,192	23.9	22.6	23.9
WI	8,980	8,611	9,023	17.6	16.3	15.4
W.N.C	**38,543**	**39,516**	**40,909**	**20.6**	**20.2**	**18.6**
MN	11,932	12,206	12,689	25.8	25.2	23.1
IA	4,179	4,078	4,141	13.3	12.7	11.8
MO	12,647	13,402	13,790	25.1	25.0	22.7
ND	1,005	975	969	13.8	12.6	11.3
SD	786	812	863	11.8	12.0	11.1
NE	3,409	3,466	3,571	20.1	19.8	18.1
KS	4,586	4,577	4,886	16 2	15 4	15.0

DIVISION AND STATE	TAX RECEIPTS					
	Total (mil. dol.)			Percent of personal income [1]		
	1982	1983	1984	1982	1983	1984
S.A	**66,397**	**69,913**	**76,785**	**16.7**	**16.3**	**16.1**
DE	2,179	2,286	2,489	30.8	30.3	30.0
MD and DC	15,282	16,086	17,805	24.7	24.3	24.8
VA	8,643	9,098	10,018	14.3	13.9	13.6
WV	2,089	1,951	1,934	12.2	11.1	10.1
NC	8,273	8,639	9,495	15.2	14.7	14.3
SC	3,726	3,759	4,003	13.7	12.9	12.1
GA	8,551	9,217	10,306	15.8	15.6	15.4
FL	17,654	18,877	20,735	15.4	15.2	15.0
E.S.C	**18,125**	**18,448**	**19,391**	**14.1**	**13.6**	**12.9**
KY	4,413	4,392	4,572	13.5	12.9	11.8
TN	6,385	6,927	7,431	15.4	15.8	15.1
AL	4,799	4,918	5,103	14.1	13.5	12.8
MS	2,528	2,211	2,285	12.7	10.6	9.9
W.S.C	**53,638**	**52,393**	**54,006**	**19.5**	**18.2**	**17.3**
AR	2,366	2,481	2,675	12.2	11.8	11.7
LA	7,598	7,171	7,190	17.0	15.5	14.9
OK	7,601	6,885	6,725	21.0	18.7	17.4
TX	36,073	35,856	37,416	20.7	19.5	18.5
Mt	**22,979**	**23,066**	**23,807**	**18.2**	**17.2**	**16.2**
MT	1,072	1,021	1,010	14.0	12.5	12.0
ID	1,588	1,530	1,584	18.2	16.6	15.5
WY	855	746	732	13.8	12.1	11.4
CO	9,815	9,962	9,908	26.2	26.6	22.7
NM	1,682	1,712	1,775	13.5	13.7	12.1
AZ	4,145	4,201	4,638	14.2	13.2	13.1
UT	2,007	2,107	2,234	14.6	14.4	13.9
NV	1,814	1,787	1,926	17.2	16.0	16.1
Pac	**74,911**	**75,628**	**80,795**	**18.4**	**17.4**	**17.0**
WA	8,897	8,645	9,004	18.1	16.7	16.3
OR	4,640	4,357	4,613	17.0	15.0	14.9
CA	58,437	59,511	63,975	18.8	17.9	17.4
AK	1,262	1,421	1,458	17.2	17.6	17.0
HI	1,675	1,694	1,745	14.5	13.7	13.1

[1] See table 734 for base data. [2] Tax receipts include Puerto Rico, international operations, and unallocated receipts and credits.

Source: U.S. Internal Revenue Service, *Annual Report of the Commissioner of the Internal Revenue Service.*

No. 520. Corporation Income Tax Returns—Summary: 1970 to 1982

[Based on returns for periods ending between **July 1** of **year shown** and **June 30** of **following year**, as filed. All corporations are required to file returns except those specifically exempt. See source for changes in law affecting comparability of historical data. Based on samples; see Appendix III. Corporate data based on income tax returns appear in Section 18. See also *Historical Statistics, Colonial Times to 1970*, series Y 381-392]

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Active corporations	1,000	1,665	1,966	2,024	2,082	2,242	2,377	2,557	2,711	2,812	2,926
With net income	1,000	1,008	1,207	1,226	1,274	1,425	1,524	1,586	1,597	1,597	1,608
Without net income	1,000	657	759	797	809	817	853	971	1,114	1,215	1,318
Total receipts [1]	Bil. dol.	1,751	3,090	3,199	3,635	4,128	4,715	5,599	6,361	7,026	7,024
Total deductions	Bil. dol.	1,683	2,942	3,053	3,449	3,909	4,467	5,316	6,125	6,814	6,869
Costs of sales and operations	Bil. dol.	1,146	2,068	2,130	2,417	2,725	3,113	3,710	4,205	4,509	4,271
Interest paid	Bil. dol.	62	133	129	135	153	192	261	345	477	515
Other	Bil. dol.	474	741	793	897	1,031	1,161	1,345	1,576	1,828	2,083
Net income	Bil. dol.	84	171	169	210	245	275	322	297	301	274
Net income less deficit [2]	Bil. dol.	66	146	143	185	219	247	285	239	214	154
Income subject to tax	Bil. dol.	72	144	[3] 147	183	213	240	279	247	241	205
Income tax, total	Bil. dol.	33	66	66	83	96	108	120	105	102	87
Foreign tax credit	Bil. dol.	5	21	20	24	26	26	37	25	22	19
Investment credit	Bil. dol.	1	4	6	9	11	13	15	15	19	17
Tax after credits [4]	Bil. dol.	28	41	40	50	57	64	66	63	58	47

[1] Consists of business receipts, taxable and nontaxable interest, rents, royalties, net gain from capital assets (as defined by law) and other property, dividends, and other taxable income. [2] Net income (less deficit) is a tax concept and therefore excludes wholly tax-exempt interest; includes constructive taxable income from related foreign corporations. [3] See footnote 4, table 521. [4] Tax liability is after deduction for foreign tax credit. Data are after investment credit; beginning 1973, after work incentive (WIN) credit; beginning 1976, after U.S. possessions tax credit; beginning 1977, after jobs credit; beginning 1980, after nonconventional source fuel and alcohol fuel credits and beginning 1981, after research credits. Includes tax from recomputing prior year investment credit; 1970 includes tax surcharge; thereafter, includes additional tax for tax preferences; 1973–1980 includes tax from recomputing prior-year work incentive (WIN) credit; and beginning 1981, includes personal holding company tax.

No. 521. Corporation Income Tax Returns—Selected Items: 1970 to 1982

[See headnote, table 520. See also *Historical Statistics, Colonial Times to 1970*, series V 108, 129, 136, 137, and 182-196]

ASSET SIZE CLASS	Number of returns [1] (1,000)	Total receipts (bil. dol.)	Income subject to tax (bil. dol.)	TAX [2] (bil. dol.)		PERCENT DISTRIBUTION		
				Before credits	After credits	Number of returns	Receipts	Tax after credits
1970: Total	**1,665**	**1,750.7**	**72.4**	**33.3**	**27.9**	**100.0**	**100.0**	**100.0**
Under $1.0 million [3]	1,560	439.6	10.7	3.6	3.5	93.7	25.1	12.5
$1.0 million–$9.9 million	87	292.0	9.9	4.6	4.5	5.2	16.7	16.1
$10.0 million–$99.9 million	16	232.0	9.8	4.7	4.4	1.0	13.3	15.8
$100.0 million and over	3	787.2	42.0	20.5	15.4	.2	45.0	55.2
1975: Total	**2,024**	**3,198.6**	**[4] 146.6**	**66.1**	**39.7**	**100.0**	**100.0**	**100.0**
Under $1.0 million [3]	1,883	616.0	14.8	4.2	3.8	93.0	19.3	9.6
$1.0 million–$9.9 million	116	516.6	17.1	7.4	6.9	5.7	16.2	17.4
$10.0 million 99.9 million	21	422.4	17.2	8.1	7.2	1.0	13.2	18.1
$100.0 million and over	4	1,643.6	97.3	46.4	21.8	.2	51.4	54.9
1980: Total [5]	**2,711**	**6,361.3**	**246.6**	**105.1**	**63.0**	**100.0**	**100.0**	**100.0**
Under $1.0 million [3]	2,483	992.5	24.1	6.0	4.7	91.6	15.6	7.5
$1.0 million–$9.9 million	192	998.0	28.4	11.3	9.7	7.1	15.7	15.4
$10.0 million–$99.9 million	29	768.2	28.5	12.6	10.3	1.1	12.1	16.3
$100.0 million and over	6	3,600.5	165.5	75.2	38.2	.2	56.6	60.6
1982: Total [5]	**2,926**	**7,024.1**	**205.2**	**86.8**	**47.1**	**100.0**	**100.0**	**100.0**
Under $1.0 million [3]	2,680	1,103.4	22.6	5.4	4.2	91.6	15.7	8.9
$1.0 million–$9.9 million	207	1,069.6	23.4	9.0	7.6	7.1	15.2	16.1
$10.0 million–$99.9 million	33	827.3	26.0	11.5	9.0	1.1	11.8	19.1
$100.0 million and over	7	4,022.7	133.1	60.8	26.3	.2	57.3	55.8

[1] Active corporations. [2] Before (after) deduction of foreign tax credit, investment credit; beginning 1975, work incentive (WIN) credit; beginning 1979, U.S. possessions tax credit; jobs credit; and beginning 1980 nonconventional source fuel and alcohol fuel credits and beginning 1981, research credit. Includes tax from recomputing prior-year investment credit and additional tax for tax preferences. 1975 and 1980 include tax from recomputing prior year work incentive (WIN) credit. Beginning 1981, includes personal holding company tax. [3] Includes corporations with zero assets. [4] Excludes tax preference items upon which additional tax for tax preferences is based. [5] Detail may not add to total because of rounding.

Source of tables 520 and 521: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 522. Value of Shipments to Federal Agencies—Summary: 1981 to 1983

[**In millions of dollars.** Data do not represent all Federal Government procurement; only that of the 92 manufacturing industries selected for the sample. See source for description of methodology]

ITEM	1981	1982	1983	ITEM	1981	1982	1983
Total industry shipments	**696,754**	**665,450**	**658,918**	Subcontracts	20,282	26,976	32,671
Government shipments	80,480	98,679	114,042	Agency known	14,686	19,289	22,084
Prime contracts	60,198	71,703	81,371	Dept. of Defense	12,727	16,859	19,772
Dept. of Defense	49,074	59,704	67,686	National Aero. and Space	808	794	789
National Aero. and Space	2,699	3,072	3,412	Dept. of Energy	510	634	655
Dept. of Energy	3,972	4,336	4,923	Other agencies	637	1,003	868
Other agencies	4,453	4,591	5,349	Agency not known	5,601	7,687	10,587

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-175(83)-1.

NO. 523. FEDERAL CIVILIAN EMPLOYMENT AND ANNUAL PAYROLL, BY BRANCH: 1960 TO 1984

[Includes employees in U.S. territories and in foreign countries. Figures represent employees in active-duty status, including intermittent employees. Annual employment figures are for fiscal year and are averages of monthly (as of the end of the report month) figures. Excludes Central Intelligence Agency and National Security Agency. See *Historical Statistics, Colonial Times to 1970*, series Y 308-317, for data as of June 30]

YEAR	EMPLOYMENT						PAYROLL				
	Total [1] (1,000)	Percent of U.S. employed [2]	Executive		Legislative (1,000)	Judicial (1,000)	Total [1] (mil. dol.)	Executive		Legislative (mil. dol.)	Judicial (mil. dol.)
			Total [1] (1,000)	Defense (1,000)				Total [1] (mil. dol.)	Defense (mil. dol.)		
1960	[3] 2,430	3.7	[3] 2,403	1,042	23	5	[3] 13,243	[3] 13,052	5,864	154	36
1965	2,539	3.6	2,507	1,038	25	6	18,020	17,746	7,327	216	58
1970	[3] 2,928	3.7	[3] 2,891	1,195	30	7	[3] 28,562	[3] 28,117	11,352	353	92
1975	2,882	3.4	2,834	1,036	37	10	40,699	39,944	14,356	589	166
1978	2,875	3.0	2,822	987	40	13	49,921	48,899	16,995	771	251
1979	2,897	2.9	2,844	970	40	13	53,590	52,513	18,065	817	260
1980	[3] 2,987	3.0	[3] 2,933	972	40	14	[3] 58,012	[3] 56,841	19,234	883	288
1981	2,910	2.9	2,855	986	40	15	63,792	62,510	21,227	922	360
1982	2,871	2.9	2,816	1,019	39	16	65,503	64,125	22,226	980	398
1983	2,878	2.9	2,823	1,033	39	16	69,878	68,420	23,406	1,013	445
1984	2,935	2.8	2,879	1,052	40	17	74,616	73,084	25,253	1,081	451

[1] Includes Postal Service Christmas help. [2] Civilian only. See table 659. [3] Includes 36,417 temporary census workers in 1960; 33,000 in 1970; and 4,975 for 1980.

Source: U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Workforce Statistics;* and unpublished data.

NO. 524. FEDERAL CIVILIAN EMPLOYMENT—SUMMARY: 1970 TO 1984

[**In thousands.** Partially estimated. As of **Dec. 31.** Excludes U.S. Territories and foreign countries, Central Intelligence Agency, Christmas help of the U.S. Postal Service, and National Security Agency]

CHARACTERISTIC OF EMPLOYMENT	UNITED STATES								WASHINGTON, DC [1]				
	1970	1975	1979	1980	1981	1982	1983	1984	1970	1980	1982	1983	1984
Paid employment	**2,645**	**2,741**	**2,763**	**2,772**	**2,722**	**2,733**	**2,754**	**2,824**	**316**	**366**	**347**	**353**	**352**
Male	1,931	1,896	1,826	1,790	1,649	1,776	1,680	1,694	180	202	191	191	190
Female	714	845	937	982	1,073	957	1,074	1,130	136	164	156	162	162
Full-time	2,516	2,496	2,489	2,504	2,473	2,482	2,497	2,537	308	342	308	334	334
Other	129	245	274	268	249	251	257	287	8	24	39	19	18
Competitive service [2]	2,393	1,714	1,695	1,692	1,662	1,676	1,685	1,698	262	258	243	246	246
Career	1,991	1,300	1,344	(NA)	(NA)	(NA)	(NA)	(NA)	198	(NA)	(NA)	(NA)	(NA)
Career-conditional	290	354	293	(NA)	(NA)	(NA)	(NA)	(NA)	53	(NA)	(NA)	(NA)	(NA)
Temporary [3]	112	60	58	70	60	67	70	68	11	11	8	10	10
Excepted service [2] [4]	252	1,027	1,068	1,080	1,060	1,057	1,069	1,126	54	107	104	107	106
Permanent	164	863	897	917	926	914	926	968	38	70	71	73	72
Other	88	164	171	163	134	143	143	158	16	37	33	34	34
White-collar [5]	2,113	2,255	2,300	2,314	2,269	2,289	2,319	2,393	278	334	318	325	325
Blue-collar [5]	532	486	463	458	453	444	435	431	38	32	29	28	27

NA Not available. [1] Through June 30, 1983, represents SMSA; thereafter, MSA. [2] In 1971, under Postal Reorganization Act of 1970, U.S. Postal Service employees were changed from competitive service to excepted service. [3] Includes "indefinite." [4] Excepted from competitive requirements of Civil Service Act. [5] Through 1982, based on full-time employment; beginning 1983, based on total workforce.

Source: U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Workforce Statistics;* and unpublished data.

NO. 525. ACCESSIONS TO AND SEPARATIONS FROM PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT: 1970 TO 1985

[**In thousands, except rate.** For fiscal years ending **June 30** through **1975**; thereafter as of **Sept. 30.** Includes accessions and separations of part-time and intermittent employees]

ITEM	UNITED STATES								WASHINGTON, DC [1]			
	1970	1975	1980	1981	1982	1983	1984	1985, Oct.–Feb.	1980	1983	1984	1985, Oct.–Feb.
Accessions, total	727.0	564.2	995.2	582.8	510.0	547.0	574.0	223.7	94.1	59.0	63.6	23.7
Monthly rate [2]	2.2	1.7	2.9	1.8	1.6	1.7	1.7	1.6	2.3	1.5	1.6	1.4
Separations, total	796.7	588.9	1,004.0	600.8	537.9	485.8	521.8	190.2	89.2	54.8	58.8	20.0
Monthly rate [2]	2.4	1.8	3.0	1.8	1.7	1.5	1.6	1.4	2.2	1.4	1.5	1.2
Quit [3]	334.4	212.9	227.7	214.8	185.4	175.0	195.8	87.4	32.9	22.5	24.6	7.8

[1] See footnote 1, table 524. [2] Per 100 employees. [3] Represents voluntary resignations by employees or separations by agency if employee declines new assignment; abandons position; joins military; or fails to return from military furlough.

Source: U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Workforce Statistics;* and unpublished data.

NO. 526. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT 1960 TO 1982, AND BY STATE, 1982

[As of **December 31.** Excludes members and employees of Congress, Central Intelligence Agency, temporary Christmas help of the U.S. Postal Service, and National Security Agency]

YEAR, DIVISION, AND STATE	Total (1,000)	Percent defense	Rate per 10,000 population [1]	DIVISION, AND STATE	Total (1,000)	Percent defense	Rate per 10,000 population [1]
1960	2,213	42.1	123.4	**So. Atl.**—Con.			
1970	2,665	37.8	131.1	DC	212	7.9	3,386.6
1980	2,659	32.2	121.8	VA	153	68.8	278.9
1981	2,733	33.8	119.1	WV	15	10.2	76.5
1982, total	**2,734**	**34.3**	**118.0**	NC	43	35.2	71.4
N. Eng	**114**	**29.8**	**91.7**	SC	33	61.4	102.3
ME	9	25.2	79.2	GA	77	46.9	136.3
NH	16	67.0	168.8	FL	85	34.7	81.2
VT	4	11.6	76.9	**E. So. Cent**	**178**	**32.2**	**119.8**
MA	55	21.9	95.7	KY	36	38.5	97.5
RI	9	44.5	94.4	TN	58	12.5	124.6
CT	21	22.2	67.2	AL	60	43.3	152.2
Mid. Atl	**354**	**28.9**	**95.7**	MS	24	42.6	93.4
NY	153	12.4	87.1	**W. So. Cent**	**252**	**40.1**	**99.4**
NJ	72	39.8	96.9	AR	18	24.0	78.0
PA	129	42.6	107.8	LA	32	28.5	73.0
E. No. Cent	**306**	**27.6**	**73.6**	OK	46	54.2	142.6
OH	87	37.6	80.8	TX	156	40.1	101.1
IN	39	36.6	71.1	**Mt**	**181**	**33.8**	**150.0**
IL	100	21.9	87.2	MT	12	10.0	149.1
MI	54	23.2	59.2	ID	10	11.4	102.4
WI	26	10.9	54.8	WY	7	13.7	137.5
W. No. Cent	**167**	**26.9**	**96.9**	CO	49	28.1	159.6
MN	29	9.1	70.2	NM	25	38.8	182.9
IA	18	7.7	61.9	AZ	34	29.6	117.6
MO	66	31.0	133.5	UT	35	63.6	222.8
ND	8	19.6	119.0	NV	9	21.2	102.7
SD	10	13.0	144.1	**Pac**	**431**	**44.6**	**130.6**
NE	15	25.8	94.4	WA	63	46.2	147.3
KS	22	28.1	91.4	OR	27	11.5	101.2
So. Atl	**751**	**35.6**	**196.1**	CA	301	44.7	121.5
DE	5	36.6	83.3	AK	14	29.2	337.8
MD	129	32.0	299.8	HI	27	79.5	270.8

[1] For 1960–1980, based on April 1 population; 1981 and 1982, based on July 1 resident population.

Source: U.S. Office of Personnel Management, *Federal Civilian Employment in the United States by Geographic Area*, annual.

NO. 527. PAID FULL-TIME CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, ALL AREAS: 1970 TO 1984

[As of **June 30, 1970;** thereafter as of **March 31.** Excludes employees of Congress and Federal courts, maritime seamen of Dept. of Commerce, and small number for whom rates were not reported. See text, p. 302 for explanation of General Schedule and Wage System. See also *Historical Statistics, Colonial Times to 1970*, series Y 318-331]

COMPENSATION AUTHORITY	EMPLOYEES (1,000)						AVERAGE PAY (dol.)					
	1970	1975	1980	1982	1983	1984	1970	1975	1980	1982	1983	1984
Total	**2,806**	**2,582**	**2,498**	**1,972**	**1,952**	**1,959**	**9,234**	**13,529**	**17,758**	**22,839**	**24,074**	**25,211**
General schedule	1,287	1,349	1,402	1,400	1,393	1,407	11,065	14,483	17,299	22,975	24,178	25,282
Wage system	674	528	456	449	430	420	6,976	11,197	17,644	20,550	21,500	22,393
Postal pay system	673	566	528	(NA)	(NA)	(NA)	8,120	13,329	17,799	(NA)	(NA)	(NA)
Other	172	139	113	124	129	132	8,741	13,951	20,344	29,673	31,544	33,453

NA Not available.

NO. 528. FEDERAL GENERAL SCHEDULE EMPLOYEE PAY INCREASES: 1965 TO 1985

[Percent change from prior year shown, except 1965, change from 1964. Represents legislated pay increases. For some years data based on range; for details see source]

EFFECTIVE DATE	Average increase	EFFECTIVE DATE	Average increase	EFFECTIVE DATE	Average increase
Oct. 1, 1965	3.6	Jan. 1, 1972	5.5	Oct. 1, 1978	5.5
July 1, 1966	2.9	Oct. 1, 1972	5.1	Oct. 1, 1979	7.0
Oct. 1, 1967	4.5	Oct. 1, 1973	4.8	Oct. 1, 1980	9.1
July 1, 1968	4.9	Oct. 1, 1974	5.5	Oct. 1, 1981	4.8
July 1, 1969	9.1	Oct. 1, 1975	5.0	Oct. 1, 1982	4.0
Dec. 27, 1969	6.0	Oct. 1, 1976	5.2	Jan. 1, 1984	4.0
Jan. 1, 1971	6.0	Oct. 1, 1977	7.0	Jan. 1, 1985	4.0

Source of tables 527 and 528: U.S. Office of Personnel Management, *Pay Structure of the Federal Civil Service*, annual.

NO. 529. WHITE-COLLAR CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY SEX AND GRADE: 1970 TO 1983

[Represents full-time white-collar employment. As of **Oct. 31**]

GRADE [1]	TOTAL (1,000)					PERCENT FEMALE				
	1970	1975	1980	1981	1983 [2]	1970	1975	1980	1981	1983 [2]
Total employment	**1,982**	**1,976**	**1,985**	**[3] 1,513**	**[3] 1,522**	**33.1**	**35.3**	**38.6**	**[3] 45.6**	**[3] 46.2**
General Schedule and equivalent pay system	1,259	1,428	1,473	1,481	1,484	40.3	42.1	45.1	45.9	46.5
Grades 1-6 ($8,676-$19,374)	521	585	561	563	541	72.2	71.6	74.1	74.1	74.6
Grades 7-10 ($16,559-$29,003)	302	344	357	359	360	33.4	38.4	46.3	47.6	48.8
Grades 11-12 ($24,508-$38,185)	264	297	335	343	362	9.5	13.5	19.3	20.8	24.2
Grades 13-15 ($34,930-$63,115)	164	196	217	215	220	3.0	5.1	8.2	9.2	10.3
Grades 16-18 ($56,945-$78,184) [4]	8	7	3	1	1	1.4	2.7	4.4	6.4	5.8
Postal pay system	618	519	483	(X)	(X)	16.5	16.5	19.2	(X)	(X)
Other pay system	105	28	29	32	39	45.7	35.4	35.5	33.3	36.1

X Not applicable. [1] Pay ranges shown for General Schedule grades are as of Oct. 1, 1982. [2] Data for 1982 not collected. [3] Excludes U.S. Postal Service, and other systems not shown separately. [4] Beginning 1980, change in number reflects shift of senior level employees to Senior Executive Service.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers*, biennial.

NO. 530. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY 1965 TO 1984

[As of **June 30** through **1975**; thereafter, as of **Sept. 30**. See headnote, table 523. Includes U.S. outlying areas and foreign countries; excludes foreign nationals overseas. See also *Historical Statistics, Colonial Times to 1970*, series Y 308-317]

AGENCY	1965	1970	1975	1980	1981	1982 [1]	1983	1984
All agencies	**2,527,492**	**2,921,909**	**2,896,944**	**2,875,866**	**2,860,392**	**2,824,768**	**2,876,263**	**2,909,992**
Legislative branch	25,947	30,715	38,531	39,710	38,616	38,791	39,143	38,832
Judicial branch	5,904	6,887	10,399	15,178	15,651	15,992	16,626	17,247
Executive Office of the President	2,849	4,742	1,918	1,886	1,683	1,596	1,621	1,595
Departments:								
Agriculture	113,017	116,012	120,999	129,139	128,595	121,175	123,987	118,809
Commerce	33,668	[2] 57,674	36,228	[2] 48,563	39,689	34,451	35,576	35,271
Census Bureau	(NA)	(NA)	(NA)	[2] 19,925	13,107	7,898	8,461	8,270
Defense	1,033,775	1,193,784	1,041,829	960,116	984,183	989,633	1,026,461	1,043,784
Education [3]	(X)	(X)	(X)	7,364	6,488	5,692	5,268	5,343
Energy [4]	(X)	(X)	(X)	21,557	19,567	17,945	17,229	16,976
Health and Human Services [3]	87,316	108,044	147,125	155,662	155,666	147,791	147,162	144,240
Housing and Urban Development [5]	13,777	15,190	17,161	16,964	15,617	14,279	12,996	12,393
Interior	70,711	73,361	80,198	77,357	75,899	78,869	79,582	78,661
Justice	33,222	39,257	51,541	56,327	55,173	57,094	58,869	61,398
Labor	9,527	10,991	14,834	23,400	21,243	19,248	19,083	18,320
State	39,552	39,753	30,376	23,497	23,775	24,120	23,961	24,706
Transportation	[6] 45,421	65,985	75,035	72,361	59,456	62,392	62,959	62,781
Treasury	88,761	92,521	121,546	124,663	122,002	118,648	126,020	130,654
Independent agencies:								
Environmental Protection Agency	(X)	(X)	10,772	14,715	12,754	12,273	11,931	13,048
National Aeronautics and Space Administration	34,049	32,548	26,447	23,714	23,039	22,563	22,784	22,085
Office of Personnel Management [7]	3,789	5,508	8,157	8,280	7,635	6,563	6,369	6,553
Railroad Retirement Board	1,767	1,734	1,961	1,795	1,634	1,558	1,565	1,578
Small Business Administration	3,751	4,269	4,796	5,804	5,088	4,975	5,100	5,093
Tennessee Valley Authority	16,797	22,244	28,423	51,714	50,102	39,900	37,181	33,589
Veterans Administration	167,059	168,719	213,143	228,285	232,417	235,982	238,739	239,923
All other	696,833	831,971	815,525	767,815	764,420	728,200	756,051	777,113

NA Not available. X Not applicable. [1] Includes 25,038 employees exempted from personnel ceilings in Youth Program and Worker Trainee Opportunities Program. [2] Includes 24,278 enumerators in 1970 census, and 4,975 enumerators in the 1980 census. [3] Dept. of Education established Sept. 1979; formerly included with Health and Human Services (previously HEW). [4] Dept. of Energy established Oct. 1, 1977. [5] Includes Housing and Home Finance Agency. [6] Data represents Federal Aviation Admin. and St. Lawrence Seaway Development Corp., both of which were transferred to Dept. of Transportation in Apr. 1967. [7] Formerly Civil Service Commission.

Source: U.S. Office of Personnel Management, *Annual Report* and *Monthly Release of Federal Civilian Work Force Statistics*.

NO. 531. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY, ALL AREAS, SUMMARY: 1980 AND 1984

[As of **Sept. 30.** See headnote, table 527. Includes U.S. outlying areas and foreign countries, excludes foreign nationals overseas. See also *Historical Statistics, Colonial Times to 1970*, series Y 308-317]

AGENCY	1980	1984
All agencies	**2,875,866**	**2,909,992**
Percent Dept. of Defense	33.4	35.9
Percent Postal Service	23.0	23.5
Legislative branch	**39,710**	**38,832**
Congress	19,096	19,513
United States Senate	7,195	7,164
U.S. House of Representatives	11,901	12,349
Architect of the Capitol	2,168	2,270
General Accounting Office	5,488	5,345
Government Printing Office	6,767	5,583
Library of Congress	5,527	5,327
All other	664	794
Judicial branch	**15,178**	**17,247**
United States Courts	14,847	16,909
Supreme Court	331	338
Executive branch [1]	**2,820,978**	**2,853,913**
Executive Office of the President	1,886	1,595
White House Office	406	374
Office of Management and Budget	616	603
Council of Economic Advisers	35	29
Council on Environmental Quality	49	13
National Security Council	69	64
All other	711	512
Executive departments	**1,716,970**	**1,753,336**
Agriculture	129,139	118,809
Commerce	48,563	35,271
Census	19,925	8,270
Defense	960,116	1,043,784
Education	7,364	5,343
Energy	21,557	16,976
Health and Human Services	155,662	144,240
Housing and Urban Development [2]	16,964	12,393
Interior	77,357	78,661
Justice	56,327	61,398
Labor	23,400	18,320
State	23,497	24,706
Transportation	72,361	62,781
Treasury	124,663	130,654
Independent agencies:		
ACTION [3]	1,837	507
American Battle Monuments Comm.	386	390
Independent agencies—Con.		
Board of Governors, Federal Reserve System	1,498	1,607
Civil Aeronautics Board	734	357
Commission on Civil Rights	304	257
Environmental Protection Agency	14,715	13,048
Equal Empt. Opportunity Commission	3,515	3,168
Export-Import Bank, U.S.	385	364
Farm Credit Administration	271	296
Federal Communications Comm.	2,244	2,027
Federal Deposit Insurance Corp.	3,520	4,607
Federal Emergency Mgmt. Agency	3,427	2,691
Federal Home Loan Bank Board	1,470	1,497
Federal Labor Relations Authority	349	323
Federal Mediation and Conciliation Service	503	350
Federal Trade Commission	1,846	1,318
General Services Administration	37,654	29,681
Int'l. Communications Agency	8,138	8,251
International Trade Commission	424	458
Interstate Commerce Commission	1,998	1,071
Merit System Protection Board	435	468
National Aeronautics and Space Administration	23,714	22,085
National Credit Union Administration	726	625
National Endowment for the Arts	362	554
National Labor Relations Board	2,936	2,720
National Science Foundation	1,394	1,236
National Transportation Safety Board	384	348
Nuclear Regulatory Commission	3,283	3,678
Office of Personnel Management	8,280	6,553
Panama Canal Commission	8,700	8,078
Peace Corps [3]	(x)	1,095
Pension Benefit Guaranty Corp	463	476
Railroad Retirement Board	1,795	1,578
Securities and Exchange Comm.	2,056	1,959
Selective Service System	97	338
Small Business Administration	5,804	5,093
Smithsonian Institution	4,403	4,690
Soldiers' and Airmen's Home	994	1,024
Tennessee Valley Authority	51,714	33,589
U.S. International Development Cooperation Agency	6,152	5,327
U.S. Postal Service	660,014	682,653
Veterans Administration	228,285	239,923
All other	3,880	2,624

X Not applicable. [1] Includes agencies not shown separately. [2] Includes Housing and Home Finance Agency. [3] Peace Corps was part of ACTION in 1980; Peace Corps re-established Dec. 29,1981.

Source: U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Workforce Statistics.*

NO. 532. FEDERAL WHITE-COLLAR FULL-TIME CIVILIAN WORKERS BY MAJOR OCCUPATION GROUP AND SEX: 1981 AND 1983

[As of **October 31.** Includes U.S. outlying areas and foreign countries; excludes foreign nationals overseas]

MAJOR OCCUPATION GROUP	1981		1983	
	Total (1,000)	Percent male	Total (1,000)	Percent male
Total [1]	**1,512.8**	**54.4**	**1,522.3**	**53.8**
Professional	330.4	75.8	341.9	74.7
Administrative	400.6	71.4	431.7	68.0
Technical	346.6	55.6	331.8	54.1
Clerical	392.5	14.0	374.0	13.9
General admin., clerical, and office services	429.7	30.4	424.2	30.6
Engineering and architec.	154.2	95.8	159.5	95.1
Accounting and budget	123.3	44.6	122.5	43.3
Medical, hosptial, dental, and public health	134.8	35.0	137.4	34.1
Business and industry	80.3	58.4	85.7	55.2
Legal and kindred	71.8	41.0	74.2	39.7
Social science, psychology, and welfare	60.6	60.4	57.3	60.7
Supply	57.4	48.5	56.9	46.6
Biological sciences	58.7	85.7	55.5	85.2
Investigation	49.9	88.9	51.0	87.1
Personnel management and industrial relations	47.2	38.1	49.1	37.1
Transportation	34.6	75.1	39.4	76.2
Physical sciences	43.8	86.8	43.3	86.2
Education	28.3	56.8	28.6	54.1
Information and arts	21.3	59.8	20.0	57.2
Average salary, total	**$23.1**	(x)	**$25.0**	(x)
Professional	$31.9	(x)	$34.7	(x)
Administrative	$29.5	(x)	$31.1	(x)
Technical	$18.8	(x)	$19.9	(x)
Clerical	$13.8	(x)	$14.4	(x)

X Not applicable. [1] Includes other, not shown separately, and unspecified.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers,* biennial.

NO. 533. SALARIES OF SELECTED FEDERAL GOVERNMENT OFFICIALS: 1949 TO 1985

YEAR [1]	President	Vice President	Cabinet officers	Congressmen [2]	YEAR [1]	President	Vice President	Cabinet officers	Congressmen [2]
1949	[3] $100,000	$30,000	$22,500	([4])	1976	([4])	[5] [6] $68,800	[6] $66,000	[6] $46,800
1955	([4])	35,000	([4])	$22,500	1977–1978	([4])	[5] 75,000	66,000	57,500
1956	([4])	([4])	25,000	([4])	1979–1980	([4])	[7] 79,100	[7] 69,600	[7] 60,700
1964	([4])	43,000	35,000	([4])	1980–1982	([4])	[7] 79,100	[7] 69,600	[7] 60,700
1965	([4])	([4])	([4])	30,000	1983	([4])	91,000	80,100	69,800
1969	[3] 200,000	[5] 62,500	60,000	42,500	1984	([4])	94,200	83,300	72,600
1975	([4])	[5] 65,600	63,000	44,600	1985	([4])	97,900	85,000	75,100

[1] When salary change became effective. [2] Representatives and senators. [3] Plus $50,000 for official expenses. [4] No change from prior year shown. [5] Plus $10,000 expense allowance. [6] Pursuant to Legislative Branch Appropriation Act, 1977, salaries paid were limited to the rates in effect on Sept. 30, 1976. [7] Pursuant to Public Law 96-86, salaries paid are limited to the rates in effect for 1978.

Source: U.S. Office of Personnel Management, and unpublished data.

NO. 534. FEDERAL FULL-TIME CIVILIAN BLUE-COLLAR EMPLOYMENT: 1970 TO 1983

[Covers full-time civilian blue-collar employment as of **October 31** in all Federal departments and agencies except members and staff of Congress, the Congressional Budget Office, Copyright Royalty Tribunal, Office of Technology Assessment, most of the Judicial Branch, and the Board of Governors of the Federal Reserve System. The Central Intelligence and National Security agencies are exempt by law from reporting personnel data to Office of Personnel Management. Excludes foreign nationals employed overseas; beginning 1980 excludes the U.S. Postal Service]

MAJOR OCCUPATION GROUP	1970	1980	1981	1983	MAJOR OCCUPATION GROUP	1970	1980	1981	1983
Total	**574,928**	**452,834**	**452,069**	**431,792**	Misc. occupations	725	4,932	5,009	4,879
Electronic equip. install. and maintenance	29,898	23,896	23,865	25,023	Industrial equipment maintenance	19,096	19,249	19,928	21,590
Electrical installation and maintenance	28,723	25,533	24,453	24,201	Industrial equipment operation	28,365	18,375	18,061	17,649
Instrument work	7,727	6,029	6,108	6,135	Transportation/mobile equip. operations	45,463	28,836	28,627	27,599
Machine tool work	21,751	17,763	17,991	16,066	Transportation/mobile equip. maintenance	29,215	23,485	23,041	22,365
General services and support work	60,654	39,374	37,720	35,052	Armament work	6,491	5,156	5,311	5,651
Metal processing	11,190	8,952	9,166	9,024	Warehousing and stock handling	46,597	37,654	39,762	40,564
Metal work	21,547	24,150	25,579	24,041	Packing and processing	8,518	8,380	8,761	8,039
Painting, paperhanging	11,202	10,095	10,207	9,700	Food preparation and serving	29,703	23,745	22,680	21,252
Plumbing and pipefitting	15,901	19,097	18,640	16,721	Engine overhaul	8,155	5,237	5,538	5,724
Printing	14,091	10,345	8,301	7,141	Aircraft overhaul	18,473	16,599	17,200	16,754
Woodwork	17,861	13,891	12,707	10,273	Other	76,912	44,156	45,999	37,241
General maintenance and operation	16,670	17,905	17,415	19,108					

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers,* biennial.

NO. 535. FEDERAL GOVERNMENT EMPLOYMENT, BY RACE AND HISPANIC ORIGIN, AND BY PAY SYSTEM: 1982 AND 1984

[As of **Sept. 30.** Covers total employment for only Executive Branch agencies participating in OPM's Central Personnel Data File. Excludes foreign nationals abroad and U.S. Postal Service]

PAY SYSTEM	1982					1984, prel.				
	Total employees (1,000)	Minority groups				Total employees (1,000)	Minority groups			
		Total [1] (1,000)	Percent of total	Black, non-Hispanic (1,000)	Hispanic (1,000)		Total [1] (1,000)	Percent of total	Black, non-Hispanic (1,000)	Hispanic (1,000)
All pay systems, total	**2,008.6**	**484.0**	**24.1**	**311.1**	**90.0**	**2,023.3**	**502.9**	**24.9**	**317.9**	**95.6**
General schedule and similar [2]	1,508.3	336.2	22.3	222.0	59.0	1,523.1	355.5	23.3	231.5	64.1
GS 1–4 ($8,676–$15,531)	303.6	101.9	33.6	71.0	16.1	291.0	103.0	35.4	71.6	16.7
GS 5–8 ($13,369–$23,838)	464.9	126.5	27.2	90.2	20.2	467.1	132.8	28.4	93.2	21.8
GS 9–12 ($20,256–$38,185)	530.0	87.6	16.5	50.1	18.7	552.3	97.8	17.7	55.4	21.3
GS 13–15 ($34,930–$57,500)	209.8	20.1	9.6	10.7	4.0	212.7	21.9	10.3	11.4	4.3
Executive, total	7.8	.6	7.2	.3	.1	7.9	.5	6.7	.3	.1
Wage systems	414.0	134.6	32.5	83.5	28.0	414.7	134.4	32.4	81.4	28.7
Other pay systems	69.3	10.1	14.6	3.7	2.3	74.1	11.4	15.4	3.9	2.4

[1] Includes American Indians, Alaska natives, Asians, and Pacific Islanders, not shown separately.
[2] Pay rates as of Oct. 1982 for general schedule. Each grade (except Executive) includes several salary steps. Range is from lowest to highest step of grades shown.

Source: U.S. Office of Personnel Management, *1982 Affirmative Employment Statistics;* biennial.

NO. 536. FEDERAL LAND AND BUILDINGS OWNED AND LEASED: 1960 TO 1983

[As of **June 30**, except, beginning **1976**, as of **Sept. 30**. Covers Federal real property throughout the world, except as noted. Totals include data not shown separately. For data on Federal land by State, see table 338]

ITEM AND AGENCY	Unit	1960	1965	1970	1975	1980	1981	1982	1983
Federally owned:									
Land, total	Mil. acres	772	766	762	761	720	731	730	732
Dept. of Agriculture	Mil. acres	186	187	187	188	184	193	193	193
Dept. of Defense	Mil. acres	30	30	31	31	30	23	23	29
Dept. of the Interior	Mil. acres	553	546	540	538	502	512	511	507
Buildings, number [1]	1,000	413	433	418	405	403	359	387	418
Dept. of Defense [1]	1,000	320	335	319	312	301	264	292	321
Dept. of the Interior	1,000	31	34	34	30	34	35	35	37
Buildings, floor area [1]	Mil. sq. ft	2,445	2,490	2,542	2,502	2,522	2,349	2,467	2,609
Dept. of Defense [1]	Mil. sq. ft	1,929	1,874	1,857	1,802	1,777	1,579	1,707	1,838
General Services Administration	Mil. sq. ft	122	172	205	194	202	210	199	199
Dept. of the Interior	Mil. sq. ft	42	47	61	58	65	68	69	72
Veterans Administration	Mil. sq. ft	115	114	110	111	116	117	117	119
Cost of land, buildings, etc.[2]	Bil. dol	53	66	79	91	107	107	117	132
Dept. of Defense	Bil. dol	31	39	44	56	60	63	68	73
Dept. of the Interior	Bil. dol	5	6	8	10	10	10	12	12
Federally leased:									
Land	Mil. acres	1.8	1.8	1.6	1.2	1.4	1.4	1.4	1.4
Dept. of Defense	Mil. acres	1.7	1.7	1.4	1.0	1.2	1.1	1.2	1.1
Buildings, floor area [1]	Mil. sq. ft	97	132	182	210	214	216	215	206
Dept. of Defense [1]	Mil. sq. ft	11	7	7	13	14	15	14	14
Rental property, cost	Mil. dol	174	282	451	664	1,054	1,320	1,422	1,532
Dept. of Defense	Mil. dol	35	35	63	65	156	316	314	323

[1] Excludes data for Dept. of Defense military functions outside United States. [2] See headnote, table 537.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual, and *Inventory Report on Real Property Leased to the United States Throughout the World*, annual.

NO. 537. FEDERALLY OWNED LAND AND COST OF LAND, BY PREDOMINANT USAGE: 1960 TO 1983

[As of **June 30**, except beginning **1978**, as of **Sept. 30**. Covers land in United States only (50 States and DC). Cost of land figures represent total cost of property owned in year shown and exclude unreserved public domain; public domain reserved for national parks, national forests, military installations and other purposes; and historical sites acquired by methods other than by purchase. Properties are reported at actual or estimated cost as of date of acquisition without considering depreciation, obsolescence, or economic changes in value. For data on Federal land by State, see table 338]

YEAR AND AGENCY	Total	Forest and wildlife	Grazing	Parks and historic sites	Military, exc. airfields	Flood control, naviga-tion	Recla-mation, irriga-tion	Power develop-ment	Airfields	Other
LAND (mil. acres)										
1960, total	771.5	513.5	166.7	22.4	18.3	5.5	8.0	1.9	2.0	33.2
1965, total	765.8	508.4	165.2	22.8	15.7	6.7	7.8	1.9	2.0	35.3
1970, total	761.3	503.2	163.5	24.6	17.7	7.4	7.5	2.1	1.5	33.8
1975, total	760.4	502.3	164.0	25.3	18.1	8.0	7.0	1.5	2.3	32.0
1978, total	775.2	514.8	162.7	26.7	20.6	8.2	6.1	1.6	1.5	33.1
1979, total	769.9	472.1	162.5	68.5	18.0	8.3	6.0	1.5	1.5	31.4
1980, total	719.5	421.8	162.2	92.6	18.5	8.3	4.8	1.5	.4	9.3
1981, total	730.8	432.3	161.7	102.2	10.5	8.4	3.8	1.6	1.1	9.2
1982, total	729.8	433.3	161.8	100.6	10.6	8.5	3.7	1.5	.7	9.1
1983, total	732.0	434.0	162.1	95.6	16.9	8.3	3.8	1.5	1.5	8.4
Dept. of Agriculture	192.5	172.3	19.7	(Z)	–	–	–	–	–	.5
Dept. of Energy	2.4	–	–	–	–	–	(Z)	(Z)	–	2.3
Dept. of Defense	29.1	.1	(Z)	.1	16.9	7.4	–	.7	1.5	2.4
Dept. of the Interior	506.6	261.6	142.4	95.4	–	(Z)	3.8	.7	(Z)	2.8
Tennessee Valley Authority	1.0	(Z)	–	.2	–	.7	–	(Z)	–	.1
Other	.6	(Z)	–	(Z)	(Z)	.2	(Z)	–	(Z)	.3
COST OF LAND (mil. dol.)										
1960	2,956	130	22	142	348	1,063	170	219	195	667
1965	4,128	237	18	180	298	1,915	224	204	203	849
1970	5,475	350	26	373	331	2,591	312	251	162	1,079
1975	6,872	589	26	618	334	3,381	313	273	199	1,139
1978	8,762	789	27	1,047	477	3,914	580	296	133	1,499
1979	9,680	900	27	1,417	480	4,104	377	286	146	1,943
1980	9,982	975	28	1,560	502	4,331	365	304	123	1,792
1981	10,355	1,121	29	1,823	274	4,504	264	321	240	1,780
1982	10,777	1,211	29	1,907	286	4,696	280	316	194	1,857
1983	10,972	1,236	29	2,114	266	4,629	261	323	206	1,908

– Represents zero. Z Less than 50,000 acres.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

NO. 538. PUBLIC LANDS—DISPOSAL TRANSACTIONS AND CASH RECEIPTS: 1951 TO 1984

[For years ending **June 30** except, beginning **1979, Sept. 30.** For explanation of terms, see text, p. 302. Period figures are totals, not annual averages. See also *Historical Statistics, Colonial Times to 1970,* series J 10–15 and J 26–32]

ITEM	Unit	1951–1960, total	1961–1970, total	1971–1975, total	1976–1980,[1] total	1979	1980	1981	1982	1983	1984
Applications, entries and selections allowed [2]	1,000 acres	3,176	17,518	13,078	[3]134,014	18,649	1,167	1,311	10,390	5,350	1,835
Alaska	1,000 acres	1,535	15,019	12,898	[3]133,932	18,644	1,160	1,277	10,299	5,148	1,601
Applications, entries, and selections approved [2]	1,000 acres	2,382	4,177	4,704	13,262	277	175	340	18,121	16,907	4,837
Alaska	1,000 acres	164	2,537	4,270	13,013	256	2	321	17,996	16,590	4,259
Patents and certificates [2]	1,000 acres	5,628	11,524	5,584	14,389	616	2,495	1,258	411	414	1,449
Alaska	1,000 acres	246	6,050	4,470	13,884	556	2,443	1,090	191	244	979
Homestead entries: [4]											
Allowed	Number	6,158	2,383	211	25	1	1	12	3	1	20
Acres	1,000	790	292	24	3	(z)	(z)	1	(z)	(z)	2
Approved [5]	1,000 acres	442	172	42	13	1	1	2	2	1	3
Cash receipts	Mil. dol	1,399	4,769	16,140	19,715	4,052	5,079	11,279	7,880	1,188	215
Mineral leases	Mil. dol	616	1,094	954	2,133	446	618	739	1,169	886	1,005
Outer Continental Shelf leases	Mil. dol	435	2,918	14,462	15,972	3,267	4,101	10,138	6,250	10,492	6,694
Timber sales	Mil. dol	209	479	495	1,063	218	216	216	87	107	153
Public land, materials sales	Mil. dol	23	29	28	29	9	8	5	4	12	14
Fees and commissions	Mil. dol	9	36	47	152	40	29	44	4	2	2
Miscellaneous	Mil. dol	108	214	155	355	62	108	138	366	181	44

Z Less than 500 acres. [1] Includes transition quarter, July-Sept. 1976. [2] Covers homestead, desert land, and mineral entries, public auction sales, Indian and State selections; and other disposal transactions. [3] Includes entries under the Alaska Native Claims Act of Dec. 18, 1971. [4] Excludes ceded Indian lands. [5] Excludes commuted homesteads.

Source: U.S. Bureau of Land Management, *Public Land Statistics,* annual.

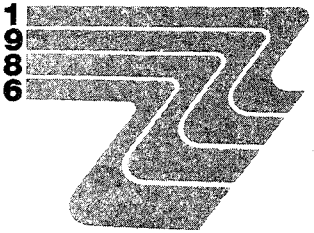
NO. 539. PUBLIC LANDS—LEASES, PERMITS, AND LICENSES, BY CLASS: 1960 TO 1984

[As of **June 30** through **1975;** thereafter as of **Sept. 30;** except as noted. Excludes leases on acquired, submerged, and military lands. See *Historical Statistics, Colonial Times to 1970,* series J 41–42, for oil and gas leases]

YEAR	MINERAL CLASS							GRAZING [2]	
	Total	Leases				Permits	Licenses	Leases [3]	Permits [4]
		Total	Oil and gas [1]	Coal	Other				
Number:									
1960	142,114	140,057	139,534	294	229	2,035	22	9,911	18,976
1965	101,863	101,086	100,339	379	368	763	14	8,912	18,712
1970	100,598	100,010	99,038	525	447	583	5	8,559	16,627
1975	104,075	103,762	102,815	529	418	309	4	7,785	15,480
1977	104,377	104,079	102,130	523	1,426	294	4	7,792	15,099
1978	105,284	105,088	102,984	524	1,580	183	13	9,884	14,925
1979	107,176	107,014	104,769	535	1,710	139	23	7,773	14,676
1980	106,125	105,963	103,571	522	1,870	132	30	7,700	14,741
1981	111,842	111,645	109,041	562	2,042	157	40	7,621	14,628
1982	118,589	118,365	115,389	607	2,369	149	75	7,837	12,956
1983	[5] 133,337	132,861	129,881	611	2,369	149	75	7,688	12,956
1984	[5] 117,024	115,879	114,154	450	1,275	329	57	7,550	13,053
Acreage (1,000):									
1960	118,157	114,136	113,667	199	270	4,020	1	18,532	(NA)
1965	66,267	64,955	64,148	374	433	1,311	1	18,057	(NA)
1970	65,374	64,323	63,030	764	529	1,051	(z)	18,262	(NA)
1975	82,618	81,885	80,621	780	485	733	(z)	17,144	(NA)
1977	86,903	86,275	83,319	791	2,164	626	2	16,387	(NA)
1978	90,202	89,823	86,585	790	2,447	334	45	24,705	(NA)
1979	96,482	96,109	92,642	798	2,669	299	74	17,534	(NA)
1980	100,585	100,198	96,503	786	2,909	278	109	17,028	(NA)
1981	117,257	116,777	112,729	833	3,215	337	143	17,180	(NA)
1982	151,743	151,193	146,502	910	3,781	189	361	17,488	157,575
1983	[5] 163,330	162,506	157,814	911	3,781	189	361	16,866	157,575
1984	[5] 131,829	129,651	127,174	705	1,772	263	233	18,375	156,868

NA Not available. Z Less than 500 acres. [1] For data on Outer Continental Shelf, see Section 27. [2] 1960–1977 as of Dec. 31, 1978–1982, as of Feb. 28 of following year. Beginning 1983, as of Sept. 30. [3] Lands outside grazing districts, which are owned, leased, or otherwise controlled by the United States and administered by the Bureau of Land Management and which are subject to leasing for grazing purposes. [4] Licenses and permits within grazing districts. [5] Includes miscellaneous nonenergy leases, permits, and licenses on acquired, military, and other Federal lands not separable by type.

Source: U.S. Bureau of Land Management, *Public Land Statistics,* annual.



Section 12

National Defense and Veterans Affairs

This section presents data on national defense and its human and financial costs; active and reserve military personnel; ships, equipment and aircraft; and federally sponsored programs and benefits for veterans. The principal sources of these data are the annual *Selected Manpower Statistics* and other reports issued by the Office of the Secretary of Defense; annual reports of the Departments of the Army, Navy, Air Force, and the National Guard Bureau; *Annual Report of Administrator of Veterans Affairs,* Veterans Administration, and *The Budget of the United States Government,* Office of Management and Budget. For more data on expenditures, personnel, and ships, see Section 33.

Department of Defense (DOD).—The Department of Defense is responsible for providing the military forces of the United States. It includes the Office of the Secretary of Defense, the Organization of the Joint Chiefs of Staff, the military departments (Army, Navy, Air Force), and the defense agencies (e.g., Defense Logistics Agency). The Secretary of Defense is appointed from civil life by the President and must be confirmed by the U.S. Senate. The President serves as Commander in Chief of the Armed Forces; from him, the authority flows to the Secretary of Defense and through the Joint Chiefs of Staff to the commanders of unified (e.g., the overseas commands in Europe and the Pacific where Army, Navy, and Air Force activities are unified under command of a single person) and specified commands (e.g., Strategic Air Command).

Reserve components.—Reserve personnel of the Armed Forces consist of the Army National Guard, Army Reserve, Naval Reserve, Marine Corps Reserve, Air National Guard, Air Force Reserve, and Coast Guard Reserve. They provide trained personnel available for active duty in the Armed Forces in time of war or national emergency and at such other times as authorized by law.

The National Guard has dual Federal-State responsibilities and uses jointly provided equipment, facilities, and budget support. In peacetime, the National Guard is State-administered, and trained under the authority of the State Governors. The President is empowered to mobilize the National Guard and to use such of the Armed Forces as he considers necessary to enforce Federal authority in any State.

The ready reserve includes selected reservists who are intended to assist active forces in a war and the individual ready reserve who, in a major war, would be used to fill out active and reserve units and later would be a source of combat replacements; a portion of the ready reserve serves in an active status. The standby reserve cannot be called to active duty unless the Congress gives explicit approval. The retired reserve represents a low potential for mobilization.

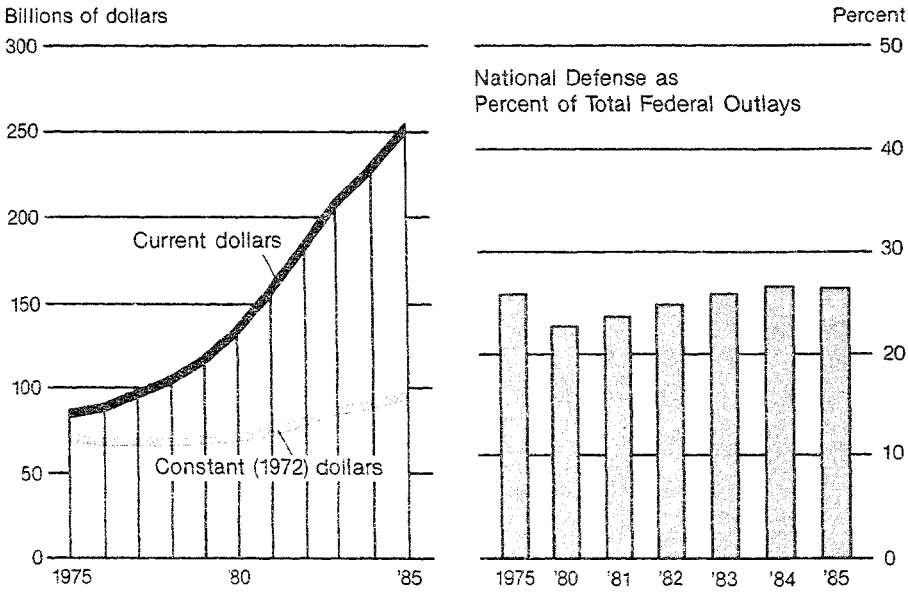
Veterans Administration.—The Veterans Administration (VA) administers laws authorizing benefits for eligible former and present members of the Armed Forces, and for the beneficiaries of deceased members. Veterans benefits available under various acts of Congress include: Compensation for service-connected disability or death; pensions for nonservice-connected disability or death; vocational rehabilitation, education, and training; home loan insurance; life insurance; health care; special housing and automobiles or other conveyances for certain disabled veterans; burial and plot allowances; and educational assistance to families of deceased or totally disabled veterans, servicemen missing in action, or prisoners of war. Since these benefits are legislated by Congress, the dates they were enacted and the dates they apply to veterans may be different from the actual dates the conflicts occurred.

VA estimates of veterans cover all persons with active duty service during periods of war or armed conflict and until 1982 include those living outside the United States. Veteran population estimates for September 1982 are for the 50 States, the District of Columbia and Puerto Rico. Veterans whose active duty service was entirely during periods of peacetime are eligible for some veterans benefits and, where appropriate, are included in VA estimates.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

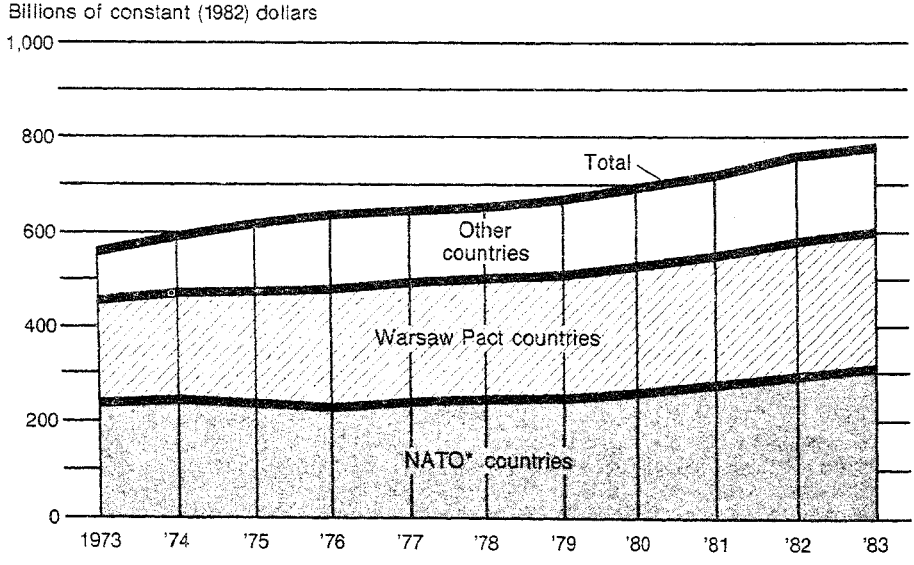
Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State amd Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

Figure 12.1
Federal Budget Outlays for National Defense: 1975 to 1985



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 540.

Figure 12.2
World Military Expenditures: 1973 to 1983



* North Atlantic Treaty Organization.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 552.

No. 540. National Defense Outlays and Veterans Benefits: 1955 to 1985

[Through **1976**, for years ending **June 30**, except as noted; beginning **1977**, ending **Sept. 30**. Includes outlays of Department of Defense, Veterans Administration, and other agencies for activities primarily related to national defense and veterans programs. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series Y 472-473 and Y 476, for related data. Minus sign (–) indicates decline]

YEAR	NATIONAL DEFENSE AND VETERANS OUTLAYS				AVERAGE ANNUAL PERCENT CHANGE [1]					DEFENSE OUTLAYS, PERCENT OF—	
		Defense outlays			Total outlays		Defense outlays				
	Total outlays (bil. dol.)	Current dollars (bil. dol.)	Constant (1972) dollars (bil. dol.)	Veterans outlays (bil. dol.)	Current dollars	Constant (1972) dollars	Current dollars	Constant (1972) dollars	Veterans outlays	Federal outlays	Gross national product [2]
1955	47.4	42.7	83.2	4.7	16.1	6.2	25.5	19.3	–12.0	62.4	11.2
1960	53.5	48.1	78.4	5.4	2.5	2.5	2.4	–1.2	3.1	52.2	9.7
1962	57.9	52.3	83.4	5.6	4.0	6.4	4.3	3.1	1.7	49.0	9.5
1963	58.9	53.4	81.1	5.5	1.7	.4	2.0	–2.6	–1.9	48.0	9.2
1964	60.5	54.8	81.5	5.7	2.7	4.6	2.5	.5	2.9	46.2	8.9
1965	56.3	50.6	74.1	5.7	–6.9	–2.0	–7.6	–9.1	.7	42.8	7.7
1966	64.0	58.1	81.3	5.9	13.7	9.6	14.8	9.7	3.5	43.2	8.0
1967	78.3	71.4	96.8	6.9	22.3	13.4	22.9	19.1	16.5	45.4	9.2
1968	88.8	81.9	105.7	6.9	13.4	8.2	14.7	9.2	–.3	46.0	9.9
1969	90.1	82.5	101.6	7.6	1.5	–2.0	.7	–3.9	11.0	44.9	9.1
1970	90.4	81.7	94.0	8.7	.3	–	–1.0	–7.5	13.6	41.8	8.4
1971	88.7	78.9	84.9	9.8	–1.9	.9	–3.5	–9.7	12.7	37.5	7.6
1972	89.9	79.2	79.2	10.7	1.4	3.6	.4	–6.7	9.8	34.3	7.0
1973	88.7	76.7	71.8	12.0	1.3	1.1	–3.2	–9.3	12.0	31.2	6.1
1974	92.7	79.3	69.6	13.4	4.5	1.5	3.4	–3.1	11.4	29.5	5.8
1975	103.1	86.5	69.2	16.6	11.2	9.8	9.1	–.6	24.0	26.0	5.8
1976	108.0	89.6	67.0	18.4	4.8	5.4	3.6	–3.2	11.1	24.1	5.5
1976, TQ [3]	26.3	22.3	16.2	4.0	(X)	(X)	(X)	(X)	(X)	23.2	5.2
1977	115.2	97.2	67.3	18.0	6.7	2.4	8.5	.4	–2.1	23.8	5.2
1978	123.5	104.5	67.2	19.0	7.2	4.9	7.5	–.2	5.2	22.8	5.0
1979	136.2	116.3	69.5	19.9	10.3	1.4	11.3	3.4	5.0	23.1	4.9
1980	155.2	134.0	71.3	21.2	14.0	6.6	15.2	2.6	6.3	22.7	5.2
1981	180.5	157.5	74.6	23.0	16.3	3.9	17.5	4.6	8.5	23.2	5.5
1982	209.3	185.3	80.2	24.0	16.0	2.7	17.6	7.5	4.2	24.9	6.1
1983	234.7	209.9	86.5	24.8	12.1	4.0	13.3	7.9	3.7	26.0	6.5
1984	253.0	227.4	90.0	25.6	7.8	1.7	8.3	4.0	3.1	26.7	6.4
1985, est	280.7	253.8	96.8	26.9	10.9	8.4	11.6	7.6	4.8	26.5	6.6

– Represents zero. X Not applicable. [1] Change from prior year shown; for 1955, change from 1950.
[2] Fiscal year. For definition, see text, p. 427. [3] Transition quarter, July-Sept.

No. 541. Federal Budget Outlays for National Defense Functions: 1970 to 1985

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30**. Minus sign (–) indicates decline. See *Historical Statistics, Colonial Times to 1970*, series Y 473, for total]

DEFENSE FUNCTION	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, est.
Total	**81.7**	**79.3**	**86.5**	**89.6**	**97.2**	**104.5**	**116.3**	**134.0**	**157.5**	**185.3**	**209.9**	**227.4**	**253.8**
Annual percent change [1]	10.1	3.4	9.1	3.6	8.5	7.5	11.3	15.2	17.5	17.6	13.3	8.3	11.6
Defense Dept., military	80.2	79.1	85.9	88.1	95.3	102.3	113.7	131.0	153.8	180.7	204.4	220.8	246.3
Military personnel	29.0	30.4	32.2	32.5	33.7	35.6	37.3	40.9	47.9	55.2	60.9	64.2	67.5
Percent of military	36.2	38.4	37.5	36.9	35.4	34.8	32.8	31.2	31.1	30.5	29.8	29.1	27.4
Operation, maintenance	21.6	22.5	26.3	27.8	30.6	33.6	36.4	44.8	51.9	59.7	64.9	67.4	74.6
Procurement	21.6	15.2	16.0	16.0	18.2	20.0	25.4	29.0	35.2	43.3	53.6	61.9	69.7
Research and development	7.2	8.6	8.9	8.9	9.8	10.5	11.2	13.1	15.3	17.7	20.6	23.1	27.8
Military construction	1.2	1.4	1.5	2.0	1.9	1.9	2.1	2.5	2.5	2.9	3.5	3.7	4.2
Family housing	.6	.9	1.1	1.2	1.4	1.4	1.5	1.7	1.7	2.0	2.1	2.4	2.7
Other [2]	–1.0	.1	–.1	–.4	–.2	–.6	–.2	–1.0	–.6	(–Z)	–1.2	–1.8	–.2
Atomic energy activities [3]	1.4	1.5	1.5	1.6	1.9	2.1	2.5	2.9	3.4	4.3	5.2	6.1	7.0
Defense-related activities [4]	.1	–1.2	.9	(–Z)	(–Z)	.1	.1	.1	.3	.3	.3	.5	.5

– Represents zero. Z Less than $50 million. [1] Change from prior year; for 1970, change from 1965; and for 1974, change from 1973. [2] Revolving and management funds, trust funds, special foreign currency program, allowances, and offsetting receipts. [3] Defense activities only. [4] Includes civil defense activities.

Source of tables 540 and 541: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1986*.

No. 542. Department of Defense—Funds Available and Outlays: 1970 to 1985

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** See *Historical Statistics, Colonial Times to 1970*, series Y 458–460 for outlays]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, est.
Funds available	**90.5**	**95.9**	**102.9**	**114.8**	**131.0**	**139.8**	**151.1**	**169.2**	**206.1**	**243.7**	**302.4**	**329.5**	**376.2**
Budget authority	75.4	82.9	87.6	97.9	110.7	118.1	127.8	145.9	181.5	208.7	258.3	277.4	314.7
Military [1]	74.2	81.1	85.8	95.7	108.4	115.3	125.0	142.6	178.4	205.8	238.7	258.2	284.7
Civil	1.2	1.8	1.8	2.2	2.3	2.8	2.8	3.3	3.1	2.9	19.6	19.2	30.0
Unobligated balance	15.1	13.0	15.3	16.9	20.3	21.7	23.3	23.3	24.6	35.0	44.1	52.1	61.5
Military	14.8	12.6	15.1	16.7	20.0	21.3	23.0	23.0	24.2	34.6	43.4	51.6	51.5
Civil	.3	.4	.2	.2	.3	.4	.3	.3	.4	.4	.7	.5	10.0
Outlays (DOD) [2]	**78.3**	**79.3**	**87.0**	**90.0**	**97.9**	**105.6**	**117.9**	**136.0**	**159.2**	**185.9**	**223.3**	**240.3**	**265.3**
Percent of funds available	86.5	82.7	84.5	78.3	74.7	75.5	78.0	80.4	77.2	76.3	73.8	72.9	70.5
Military	77.1	77.6	84.9	87.9	95.6	103.0	115.0	132.8	156.1	182.9	204.4	220.8	246.3
Civil [2]	1.2	1.7	2.1	2.1	2.3	2.6	2.9	3.2	3.1	3.0	18.9	19.5	19.0

[1] Excluding accruals. [2] Includes nondefense civil outlays by other departments.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 543. Department of Defense—Budget Authority by Major Mission: 1975 to 1985

[**In billions of dollars, except as indicated.** For years ending **Sept. 30,** except **1975** ending **June 30**]

MISSION	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985, est.
Total	**87.9**	**108.4**	**115.3**	**125.0**	**142.6**	**178.4**	**213.8**	**239.5**	**258.2**	**284.7**
General purpose	28.1	38.6	41.3	47.4	52.2	68.8	88.1	98.8	100.7	120.6
Training, medical	20.0	22.6	23.9	26.4	29.2	35.3	39.6	42.2	43.3	33.1
Strategic forces	7.2	9.4	9.1	8.0	11.1	12.7	15.3	19.7	26.1	27.8
Central supply and maintenance	9.1	10.9	12.0	13.0	16.0	19.1	21.1	21.6	23.4	24.4
Research and development	7.7	9.8	10.0	10.9	11.9	14.2	16.9	18.7	21.5	24.6
Intelligence and communications	6.3	7.4	7.9	8.0	9.1	11.2	13.9	17.3	20.0	25.1
Guard and reserve	4.8	5.9	6.9	6.9	7.9	9.9	10.6	12.1	12.2	15.7
Airlift and sealift	.9	1.5	1.6	1.7	2.1	2.9	4.0	4.3	5.5	7.0
Admin. and assoc. activities	2.0	2.1	2.2	2.3	2.5	3.4	3.6	4.1	4.8	5.9
Support of other nations	1.8	.2	.3	.4	.6	.9	.9	.7	.7	.5
PERCENT DISTRIBUTION										
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
General purpose	32.0	35.6	35.8	37.9	36.6	38.6	41.2	41.3	39.0	42.4
Training, medical	22.8	20.8	20.7	21.1	20.5	19.8	18.5	17.6	16.8	11.6
Strategic forces	8.2	8.7	7.9	6.4	7.8	7.1	7.2	8.2	10.1	9.8
Central supply and maintenance	10.4	10.1	10.4	10.4	11.2	10.7	9.9	9.0	9.1	8.6
Research and development	8.8	9.0	8.7	8.7	8.3	8.0	7.9	7.8	8.3	8.6
Intelligence and communications	7.2	6.8	6.9	6.4	6.4	6.3	6.5	7.2	7.7	8.8
Guard and reserve	5.5	5.4	6.0	5.5	5.5	5.5	5.0	5.1	4.7	5.5
Airlift and sealift	1.0	1.4	1.4	1.4	1.5	1.6	1.9	1.8	2.1	2.5
Admin. and assoc. activities	2.3	1.9	1.9	1.8	1.8	1.9	1.7	1.7	1.9	2.1
Support of other nations	2.0	.2	.3	.3	.4	.5	.4	.3	.3	.2

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 544. Federal Research and Development Funding for National Defense: 1980 to 1986

[**In billions of dollars.** For years ending **Sept. 30.** Represents budget authority data]

DEFENSE PROGRAMS	1980	1981	1982	1983	1984	1985, est.	1986, est.
Total [1]	**14.9**	**18.4**	**22.1**	**24.9**	**29.3**	**34.3**	**42.4**
Department of Defense (DOD)—military	13.8	17.1	20.5	23.3	27.3	32.1	40.1
Research, development, test and evaluation	13.3	16.5	19.9	22.6	26.6	31.1	39.0
Tactical programs	5.2	6.1	6.9	7.3	7.9	9.5	12.4
Strategic programs	2.2	3.4	4.6	5.8	7.9	8.4	8.6
Intelligence and communications	1.2	1.6	2.2	2.7	3.4	4.0	5.0
Defensewide mission support	1.9	2.1	2.5	2.8	3.0	3.4	4.0
Advanced technology development	.6	.6	.8	.8	1.4	2.8	5.5
Technology base	2.3	2.6	2.9	3.2	3.1	3.1	3.5
Other DOD military	.5	.6	.6	.7	.7	1.1	1.1
Atomic energy defense activities (DOE) [1] [2]	1.1	1.3	1.5	1.6	1.9	2.2	2.3
Weapons research, development, and testing	.6	.8	.9	1.3	1.4	1.4	1.4
Naval reactors development	.2	.3	.3	.3	.4	.4	.5

[1] Includes other programs not shown separately. [2] Department of Energy.

Source: U.S. National Science Foundation, *Federal R&D Funding by Budget Function*, annual.

No. 545. Defense-Oriented Industries—Employment and Shipments to Defense Department by State: 1980 and 1983

[Based on a sample survey conducted by the U.S. Bureau of the Census. The survey sample included plants in 92 of the approximately 450 four-digit SIC manufacturing industries, which based on earlier studies had been shown to be engaged most extensively in business with the Federal Government. See Appendices B and C of source for detail]

Division and State	Employees (1,000)		Shipments to DOD [1] (mil. dol.)	
	1980	1983	1980	1983
United States	**734**	**948**	**50,419**	**87,458**
New England	**109**	**136**	**7,221**	**12,405**
Maine	7	8	322	545
New Hampshire	6	14	349	911
Vermont	4	5	211	354
Massachusetts	38	48	2,627	5,058
Rhode Island	6	8	318	705
Connecticut	49	52	3,395	4,831
Middle Atlantic	**97**	**129**	**7,635**	**11,569**
New York	59	70	4,230	6,261
New Jersey	21	26	2,062	2,199
Pennsylvania	18	34	1,343	3,109
East North Central	**59**	**82**	**4,870**	**8,331**
Ohio	18	27	1,536	2,848
Indiana	14	19	1,060	1,907
Illinois	9	13	734	1,125
Michigan	12	15	1,137	1,819
Wisconsin	6	8	403	632
West North Central	**56**	**67**	**4,902**	**8,194**
Minnesota	15	17	972	1,603
Iowa	5	4	315	328
Missouri	29	32	3,078	4,707
North Dakota	(D)	(D)	(D)	(D)
South Dakota	(S)	(D)	(S)	(D)
Nebraska	(S)	1	(S)	53
Kansas	7	14	499	1,497
South Atlantic	**83**	**122**	**4,788**	**9,060**
Delaware	(Z)	(Z)	119	136
Maryland	19	26	1,169	2,123
Virginia	29	40	1,372	2,758
South Atlantic—Con.				
West Virginia	(Z)	(Z)	7	11
North Carolina	2	4	148	245
South Carolina	2	2	119	132
Georgia	6	11	444	1,053
Florida	25	39	1,411	2,603
East South Central	**13**	**26**	**675**	**2,021**
Kentucky	(Z)	(Z)	30	110
Tennessee	5	9	303	620
Alabama	6	7	276	385
Mississippi	1	10	67	905
West South Central	**47**	**69**	**3,301**	**6,857**
Arkansas	1	1	30	64
Louisiana	3	3	480	468
Oklahoma	3	6	251	449
Texas	40	59	2,540	5,876
Mountain	**26**	**36**	**1,957**	**3,636**
Montana	(Z)	(Z)	41	23
Idaho	(S)	(Z)	(S)	13
Wyoming	(S)	(Z)	(S)	8
Colorado	7	11	601	1,050
New Mexico	1	1	107	140
Arizona	12	16	730	1,583
Utah	6	8	468	820
Nevada	(Z)	(Z)	(Z)	(Z)
Pacific	**244**	**281**	**15,070**	**25,386**
Washington	22	10	1,502	944
Oregon	2	4	153	268
California	220	267	13,127	23,923
Alaska	(D)	(D)	(D)	(D)
Hawaii	(D)	(D)	(D)	(D)

D Withheld to avoid disclosing operations of individual companies. S Does not meet publication standards. Z Fewer than 500 employees or less than $500,000. [1] DOD = Department of Defense.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-175 (83)-1.

No. 546. Defense-Related Industries—Value of Selected Shipments, 1977 to 1984

[In millions of dollars]

Military equipment	1977	1979	1980	1981	1982	1983	1984
Aircraft, complete	4,580	4,430	5,892	6,870	8,655	10,400	12,600
Aircraft engines	1,048	1,113	1,473	1,555	2,600	3,300	4,300
Missile and space vehicle engines (complete, and engine parts)	984	1,294	1,739	2,085	2,300	2,500	2,860
Guided missiles and space vehicles, complete	5,731	7,507	8,236	9,710	11,500	12,100	13,400
Ships, new, self-propelled	2,212	2,512	2,903	3,351	3,518	3,893	3,847
Ship repair	718	969	1,134	1,251	1,386	1,819	1,909

Source: U.S. Dept. of Commerce, International Trade Administration, *U.S. Industrial Outlook*, annual.

No. 547. Defense-Oriented Industries—Employment and Shipments to DOD: 1983

[DOD = Department of Defense. See headnote, table 545]

SIC [1]	Industry	Number of employees (1,000)	Value of shipments (mil. dol.)
28	Chemicals and allied products	6.3	365.5
29	Petroleum and coal products	2.1	3,496.6
30	Rubber, misc. plastics products	4.0	348.0
33	Primary metal	8.8	856.1
34	Fabricated metal products	63.3	4,491.2
35	Machinery, exc. electrical	58.2	5,240.0
3531	Construction machinery	1.8	208.3
3573	Electronic computing equipment	18.0	1,741.1
36	Electrical, electronic equipment	278.6	21,238.1
3661	Telephone, telegraph apparatus	5.1	405.8
3662	Radio, TV communication equip	1.3	72.5
3674	Semiconductors, related devices	3.5	274.7
3679	Electronic components, n.e.c. [2]	12.2	695.5
37	Transportation equipment	472.0	47,303.8
3721	Aircraft	146.7	15,622.1
3724	Aircraft engines; parts	58.2	6,866.1
3728	Aircraft equipment, n.e.c. [2]	59.7	4,930.8
3731	Shipbuilding; repairing	88.7	6,099.3
3761	Guided missiles, space vehicles	76.6	8,750.4

[1] Standard Industrial Classification [2] Not elsewhere classified.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-175(83)-1.

No. 548. Defense Purchases, National Income and Product Account Basis (NIPA): 1979 to 1984

[**In billions of dollars, except percent.** National defense purchases on a NIPA basis will differ from other published measures of DOD spending, such as budget authority or outlays, because of coverage and timing differences. See source for further detail. See text, page 468, and table 784]

PURCHASES	CURRENT DOLLARS						CONSTANT (1972) DOLLARS					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Total purchases	**111.8**	**131.2**	**153.7**	**179.5**	**200.5**	**221.5**	**67.4**	**70.0**	**73.5**	**79.1**	**84.7**	**89.6**
Percent of GNP [1]	4.6	5.0	5.2	5.8	6.1	6.0	4.6	4.7	4.9	5.3	5.5	5.5
Durable goods	29.0	33.5	40.0	49.4	59.1	69.3	17.7	18.2	19.4	21.6	24.2	26.9
Military equipment [2]	22.9	26.5	31.0	40.0	49.3	58.7	13.8	14.3	14.8	17.1	19.7	22.1
Aircraft	9.1	10.9	12.7	16.6	20.6	24.1	5.5	5.7	5.9	6.5	7.1	7.2
Ships	3.7	4.2	4.9	6.0	6.8	8.5	2.0	2.0	2.1	2.4	2.7	3.1
Missiles	3.2	3.7	4.6	5.7	7.4	7.9	2.0	2.1	2.2	2.5	3.2	3.5
Nondurable goods [2]	6.6	10.7	12.5	13.3	12.4	11.6	2.2	2.4	2.5	2.8	2.9	2.8
Bulk petroleum	4.0	7.6	9.0	9.2	7.6	6.7	.8	.9	.9	1.0	.9	.9
Ammunition	1.3	1.6	1.8	2.3	2.7	2.9	.7	.7	.8	.9	1.0	1.0
Services [2]	73.8	83.8	98.0	112.9	124.4	135.7	46.1	47.8	50.1	53.0	55.5	57.8
Compensation of employees	48.7	53.1	61.2	68.4	73.1	77.9	32.0	32.2	33.1	33.9	34.6	35.0
Military	27.6	30.5	36.0	40.9	43.6	46.7	18.7	18.9	19.6	19.9	20.2	20.6
Structures	2.5	3.2	3.2	3.9	4.6	4.9	1.4	1.5	1.5	1.8	2.0	2.1

[1] GNP = Gross national product. [2] Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-1976,* and *Survey of Current Business,* July issues.

No. 549. Prime Contract Awards to All Businesses, by Program: 1975 to 1984

[**In billions of dollars.** Net values for years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes all new prime contracts; debit or credit changes in contracts are also included. Actions cover official awards, amendments, or other changes in prime contracts to obtain military supplies, services, or construction. Excludes term contracts and contracts which do not obligate a firm total dollar amount or fixed quantity, but includes job orders, task orders, and delivery orders against such contracts]

DOD PROCUREMENT PROGRAM	1975	1977	1978	1979	1980	1981	1982	1983	1984	
									Total	Percent small business [1]
Total [2]	45.8	55.6	65.2	71.0	83.7	105.2	124.7	140.5	146.0	(X)
Intragovernmental [3]	5.0	6.2	7.5	7.3	10.2	9.8	12.8	9.9	10.1	(X)
For work outside the U.S.	2.4	2.8	4.0	3.9	5.4	6.6	7.5	7.2	8.3	(X)
Educational and non-profit institutions	.8	.9	1.1	1.2	1.5	1.7	2.0	2.2	2.7	(X)
With business firms for work in the U.S. [4]	37.1	45.6	52.6	58.5	66.7	87.2	102.5	121.1	124.9	19.1
Major hard goods	22.2	29.3	34.3	37.5	41.0	53.3	67.9	80.8	86.3	6.8
Aircraft	6.7	9.1	11.0	11.6	12.5	16.5	21.1	26.3	29.2	3.4
Electronics and communication equipment	4.7	6.6	6.9	8.4	9.6	11.7	14.2	16.7	19.7	8.2
Missiles and space systems	4.6	5.6	6.6	6.7	7.9	10.2	12.7	14.7	16.7	2.6
Ships	3.5	4.2	5.4	6.0	6.0	7.4	9.6	12.8	9.4	13.0
Tank-automotive	.9	1.8	2.0	2.1	2.1	3.8	4.4	4.7	5.0	17.6
Ammunition	1.3	1.4	1.6	1.8	1.9	2.1	3.6	3.2	4.0	12.5
Weapons	.4	.6	.8	.9	1.1	1.5	2.3	2.4	2.4	9.0
Services	3.1	3.4	4.6	4.5	5.9	5.8	7.9	10.4	8.5	26.8
All other	11.9	12.9	13.7	16.6	19.8	28.0	26.7	29.9	30.1	52.1

X Not applicable. [1] Covers firms not dominant in their fields of operation and employing fewer than 1,000, 750, or 500 persons, depending on industry classifications. For certain types of firms, other criteria are used, such as yearly gross sales. [2] 1975 includes awards for CHAMPUS. [3] Covers only purchases from other Federal agencies and reimbursable purchases on behalf of foreign governments. [4] Includes Defense Logistics Agency, contracts awarded for work in U.S. possessions, Commonwealth of Puerto Rico, Trust Territories of the Pacific, and other areas subject to complete sovereignty of U.S.; contracts in a classified location; and any intragovernmental contracts entered into overseas.

Source: U.S. Dept. of Defense, *Military Prime Contract Awards,* annual.

No. 550. Employment—Defense-Related Agencies: 1965 to 1984

[**In thousands, except percent.** Annual averages]

EMPLOYMENT	1965	1970	1975	1979	1980	1981	1982	1983	1984
Total U.S. employment [1]	73,034	80,796	87,524	100,421	100,907	102,042	101,194	102,510	106,702
Federal	**4,324**	**4,849**	**4,426**	**4,370**	**4,470**	**4,417**	**4,407**	**4,428**	**4,480**
Resident Armed Forces	1,946	2,118	1,678	1,597	1,604	1,645	1,668	1,676	1,697
Civilian personnel [2]	2,378	2,731	2,748	2,773	2,866	2,772	2,739	2,752	2,783
Federal defense-related agencies, excluding Armed Forces [3]	**1,053**	**1,211**	**1,036**	**949**	**948**	**972**	**979**	**1,016**	(NA)
Percent of Federal civilian personnel	44.3	44.3	37.7	34.2	33.1	35.1	35.7	36.9	(NA)
Federal defense-related agencies [1]	**2,999**	**3,329**	**2,717**	**2,546**	**2,552**	**2,617**	**2,647**	**2,692**	(NA)
Percent of total Federal [1]	69.4	68.7	61.4	58.3	57.1	59.2	60.1	60.8	(NA)
Percent of total U.S. [1]	4.1	4.1	3.1	2.5	2.5	2.6	2.6	2.6	(NA)

NA Not available. [1] Includes resident Armed Forces. [2] Includes U.S. residents only. [3] Source: Beginning 1979, U.S. Dept. of Defense, *Civilian Manpower Statistics,* annual (Sept. issues).

Source: Except as noted, U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly, and U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Work Force Statistics.*

No. 551. Department of Defense Contract Awards, Payroll, Civilian and Military Personnel—States: 1982 to 1984

[For years ending **Sept. 30. Contracts** refer to awards made in year specified; expenditures relating to awards may extend over several years. **Payroll** estimates cover active duty military and direct hire civilian personnel, including Army Corps of Engineers. **Civilian employees** represent direct hire civilian employees; excluded are those who are not subject to Office of Management and Budget ceiling controls, such as summer aides. **Military personnel** in each department include a number of personnel in a transient status. These personnel are in a travel, proceed, leave enroute, or temporary duty status while on permanent change of station (PCS) orders. The Navy and Air Force report these personnel at their location prior to their arrival at their new permanent duty location. The Army includes these personnel in one category entitled "Undistributed," which also includes personnel for which an exact location is undetermined]

STATE	CONTRACT AWARDS [1] (mil. dol.)			PAYROLL (mil. dol.)			CIVILIAN EMPLOYEES			MILITARY PERSONNEL		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
Total	**101,276**	**118,744**	**124,015**	**47,387**	**50,458**	**53,302**	**899,411**	**931,123**	**941,969**	**1,387,689**	**1,410,320**	**1,358,690**
AL	918	1,127	1,132	1,023	1,097	1,161	24,972	26,090	27,071	23,395	25,072	25,178
AK	325	386	437	467	509	477	4,493	4,616	4,419	21,000	20,680	20,982
AZ	1,465	1,360	1,764	605	652	686	9,685	9,725	10,007	23,143	24,432	22,618
AR	515	629	692	254	278	291	4,452	4,764	4,581	9,698	9,889	10,120
CA	22,236	26,387	28,520	7,735	8,269	8,695	128,214	133,359	133,803	198,080	204,572	203,791
CO	1,048	1,007	1,153	884	947	966	13,531	14,061	14,489	41,291	39,879	40,059
CT	5,826	5,132	5,459	306	333	378	4,426	4,515	4,639	5,485	5,865	6,467
DE	235	220	226	141	125	127	1,761	1,782	1,749	5,102	4,935	4,909
DC	848	1,133	815	744	790	880	16,215	16,274	16,036	12,868	13,342	12,952
FL	4,038	4,650	4,034	2,235	2,371	2,518	28,720	29,805	31,018	71,524	70,872	69,103
GA	1,625	2,449	3,123	1,795	1,884	1,894	35,638	36,620	37,469	63,962	62,941	59,734
HI	501	639	537	1,476	1,566	1,670	20,090	20,244	20,800	42,945	45,715	45,258
ID	90	49	51	108	125	130	1,118	1,176	1,215	5,449	5,999	5,754
IL	1,210	1,535	1,476	1,115	1,136	1,223	20,865	21,591	22,318	39,149	36,289	37,434
IN	1,979	2,117	2,522	424	452	493	13,070	13,779	14,377	5,800	6,059	6,271
IA	342	407	405	45	46	54	1,447	1,462	1,468	439	459	389
KS	1,420	1,575	2,362	536	568	568	6,333	6,419	6,773	25,931	24,609	22,624
KY	244	420	448	866	919	941	12,964	13,605	13,854	41,458	41,378	39,269
LA	1,605	1,484	1,855	567	637	624	8,884	9,006	9,128	25,732	25,950	25,726
ME	781	405	532	186	185	202	2,048	2,067	2,072	5,048	5,419	5,438
MD	3,012	3,540	4,013	1,600	1,698	1,875	39,225	40,857	41,314	34,536	35,759	35,563
MA	5,239	6,328	7,029	461	506	513	11,551	11,922	11,948	10,215	10,385	9,514
MI	1,540	1,782	2,510	442	467	500	11,999	11,945	12,076	9,266	9,599	9,267
MN	1,431	1,605	1,826	88	89	90	2,636	2,706	2,714	920	916	822
MS	1,397	1,840	2,190	580	599	648	10,366	11,133	10,740	19,807	18,119	18,215
MO	5,305	5,638	6,520	700	746	790	19,749	20,134	20,362	17,443	17,685	15,995
MT	41	117	83	93	93	98	1,164	1,119	1,128	4,325	4,160	4,041
NE	135	163	167	336	356	370	3,695	3,761	3,759	12,319	12,282	12,925
NV	105	159	129	228	242	245	1,901	1,872	1,933	11,050	11,824	10,413
NH	528	541	663	312	331	354	9,546	10,363	10,132	3,884	4,096	4,157
NJ	2,784	2,640	3,278	973	1,028	1,077	27,447	27,309	28,254	19,077	21,447	19,889
NM	448	463	552	559	547	576	9,517	9,433	9,545	16,611	16,883	16,956
NY	7,601	9,635	9,515	726	795	862	18,275	18,631	19,038	22,031	22,716	22,367
NC	775	786	863	1,766	1,934	2,068	14,724	15,306	15,673	91,368	97,890	100,227
ND	67	137	201	215	225	239	1,636	1,618	1,653	11,048	11,647	11,921
OH	3,237	3,365	2,804	853	1,113	1,187	30,565	32,657	33,162	10,935	11,834	14,297
OK	563	612	535	1,145	1,076	1,195	24,221	24,749	25,208	30,777	31,875	30,794
OR	208	181	230	103	97	104	2,990	3,042	2,998	823	770	772
PA	2,967	3,329	3,253	1,413	1,471	1,583	51,706	53,985	53,851	7,843	7,997	7,023
RI	274	381	396	223	222	235	3,977	4,112	4,360	3,817	3,974	3,913
SC	395	400	478	1,424	1,538	1,588	18,839	19,803	20,041	48,023	50,264	45,729
SD	49	42	47	125	131	139	1,231	1,219	1,239	6,160	6,515	6,315
TN	683	828	796	337	360	378	7,740	7,653	7,440	11,998	11,831	12,165
TX	6,717	8,229	8,750	3,413	3,619	3,738	60,509	62,799	64,457	134,707	133,406	131,214
UT	546	722	880	592	605	664	22,400	22,156	22,451	6,022	6,241	6,121
VT	197	180	170	14	15	16	525	535	562	75	60	65
VA	3,893	7,072	4,605	5,502	5,876	6,273	100,428	104,719	103,764	90,882	94,484	95,825
WA	2,828	3,986	2,884	1,488	1,573	1,689	26,601	29,246	29,344	41,336	42,570	42,958
WV	129	122	72	42	50	50	1,532	1,557	1,516	478	438	429
WI	843	775	959	79	85	90	2,919	2,936	3,077	921	943	851
WY	88	39	74	76	83	89	871	886	944	3,693	3,821	3,871

[1] Military awards for supplies, services, and construction. Net value of contracts of over $25,000 for work in each State and DC. Figures reflect impact of prime contracting on State distribution of defense work. Often the State in which a prime contractor is located is not the State in which the subcontracted work is done. See also headnote, table 549.

Source: U.S. Dept. of Defense, *Prime Contract Awards by State,* annual, and *Distribution of Personnel by State—by Selected Locations,* annual.

NO. 552. WORLDWIDE MILITARY EXPENDITURES: 1973 TO 1983

[For military expenditures and Armed Forces by country, see Section 33. GNP = Gross national product]

COUNTRY GROUP	MILITARY EXPENDITURES (bil. dol.)											PER CAPITA (dol.)	
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1980	1983
CURRENT DOLLARS													
Worldwide, total [1]	**288.0**	**330.3**	**374.2**	**405.0**	**435.6**	**477.2**	**529.4**	**600.8**	**682.0**	**762.4**	**811.9**	**135**	**174**
United States	78.4	85.9	90.9	91.0	100.9	109.2	122.3	144.0	169.9	196.4	217.2	632	926
Percent of total	27.2	26.0	24.3	22.5	23.2	22.9	23.1	24.0	24.9	25.8	26.8	(x)	(x)
Developed countries [2]	239.4	268.6	296.1	315.7	342.3	373.4	414.7	471.2	533.4	597.4	642.4	437	581
Developing countries [2]	48.6	61.6	78.1	89.2	93.3	103.8	114.7	129.5	148.6	164.9	169.5	38	48
NATO countries [3]	120.0	132.8	142.6	146.9	161.3	175.8	195.8	226.7	261.9	297.4	325.1	391	550
Warsaw Pact countries	113.7	129.9	147.1	161.6	172.8	188.4	207.8	232.0	257.4	284.2	299.8	619	782
Soviet Union	96.4	110.6	125.4	138.4	148.1	161.9	179.2	200.3	222.6	243.8	258.0	755	947
CONSTANT (1982) DOLLARS													
Worldwide, total [1]	**564.9**	**595.7**	**618.9**	**633.7**	**643.8**	**656.8**	**671.7**	**699.7**	**726.6**	**762.6**	**778.9**	**156**	**166**
United States	153.7	154.9	150.4	142.4	149.2	150.3	155.1	167.7	181.0	196.4	208.3	736	888
Percent of total	27.2	26.0	24.3	22.5	23.2	22.9	23.1	24.0	24.9	25.8	26.7	(x)	(x)
Developed countries [2]	469.7	484.5	489.7	494.1	505.9	513.9	526.2	548.8	568.3	597.4	616.3	508	557
Developing countries [2]	95.3	111.1	129.2	139.6	137.8	142.9	145.6	150.9	158.3	164.9	162.6	44	45
NATO countries [3]	235.3	239.6	235.8	229.9	238.4	242.0	248.4	264.0	279.0	297.4	311.9	455	527
Warsaw Pact countries	223.0	234.3	243.3	252.8	255.4	259.3	263.7	270.1	274.2	284.2	287.6	720	750
Soviet Union	189.1	199.5	207.4	216.5	218.9	222.8	227.4	233.3	237.1	243.8	247.5	878	908
Percent of GNP													
Worldwide, total	5.7	5.9	6.0	5.9	5.7	5.6	5.6	5.7	5.8	6.1	6.1	(x)	(x)
United States	5.9	6.0	5.8	5.3	5.2	5.1	5.1	5.5	5.8	6.4	6.6	(x)	(x)
Developed countries [2]	5.8	5.9	6.0	5.8	5.7	5.6	5.6	5.7	5.8	6.2	6.2	(x)	(x)
Developing countries [2]	5.4	5.6	6.2	6.2	5.8	5.8	5.6	5.5	5.7	5.9	5.8	(x)	(x)
NATO countries [3]	4.7	4.8	4.8	4.4	4.4	4.3	4.3	4.5	4.7	5.1	5.2	(x)	(x)
Warsaw Pact countries [4]	11.4	11.6	11.6	11.7	11.5	11.3	11.4	11.6	11.6	11.8	11.7	(x)	(x)
Soviet Union [4]	13.7	14.0	14.1	14.3	14.0	13.8	13.9	14.1	14.1	14.2	14.0	(x)	(x)

X Not applicable. [1] Includes countries not shown separately. [2] Twenty-eight developed countries; see table 553 for selected countries; for complete list see source. [3] North Atlantic Treaty Organization. [4] The meaning of the ratio of military expenditures to GNP differs somewhat between most Communist countries and non-Communist countries because of different estimating procedures. For details, see source.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

NO. 553. VALUE OF ARMS EXPORTS AND IMPORTS, SUPPLIER AND RECIPIENT COUNTRIES, IN CONSTANT (1982) DOLLARS: 1980 TO 1983

[In millions of constant (1982) dollars]

COUNTRY	1980	1981	1982	1983
Arms imports, world, total [1]	**34,490**	**38,794**	**38,465**	**35,108**
SUPPLIERS				
Canada	104	106	250	172
China: Mainland	314	447	1,000	1,439
Czechoslovakia	815	665	875	743
France	3,260	4,687	3,600	4,125
Germany, Fed. Rep. of	1,630	1,491	900	1,726
Poland	611	799	625	623
Soviet Union	13,509	11,931	11,300	9,402
United Kingdom	2,212	2,982	2,000	1,535
United States	7,569	9,161	9,300	10,169
RECIPIENT COUNTRIES				
Developed [1]	**6,835**	**7,205**	**6,385**	**7,607**
Australia	337	585	180	354
Canada	372	468	250	479
Czechoslovakia	174	340	250	95
German Dem. Rep	186	415	450	729
Germany, Fed. Rep. of	547	596	540	412
Hungary	419	74	70	28
Italy	139	106	150	163
Japan	395	719	600	719
Poland	221	490	320	393
Romania	361	127	20	48
Soviet Union	1,059	729	685	1,103
United Kingdom	407	511	500	623
United States	163	223	430	479

RECIPIENT COUNTRIES	1980	1981	1982	1983
Developing [1]	**27,654**	**31,588**	**32,080**	**27,501**
Afghanistan	477	585	390	143
Algeria	611	1,278	1,100	335
Angola	302	340	400	599
Argentina	244	532	300	959
Chile	291	330	280	76
Cuba	361	852	975	671
Ecuador	209	106	280	163
Egypt	640	612	2,100	1,630
El Salvador	–	10	40	38
Ethiopia	727	276	290	503
Greece	279	490	410	450
India	960	1,065	1,400	911
Iran	465	1,065	1,500	719
Iraq	2,212	3,941	4,300	4,892
Israel	931	1,278	950	354
Jordan	302	1,171	850	1,055
Korea, Dem. Peo. Rep	93	202	290	105
Korea, Rep	559	415	360	278
Kuwait	46	127	130	95
Libya	2,562	2,663	2,900	1,822
Mexico	23	53	200	47
Morocco	407	362	270	307
Nicaragua	11	42	100	124
Oman	116	63	90	278
Pakistan	465	330	460	393
Peru	302	308	370	172
Saudi Arabia	2,096	3,089	3,100	3,166
Spain	291	426	440	191
Sudan	116	181	180	76
Syria	3,144	2,237	1,900	1,630
Turkey	349	330	450	575
Venezuela	151	380	250	76
Vietnam, Soc. Rep	1,630	612	800	743
Yemen (Arab Rep)	640	852	280	249

– Represents zero. [1] Includes countries not shown separately.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

No. 554. U.S. Military Sales Deliveries and Military Assistance Deliveries to Foreign Governments, by Country: 1950 to 1984

[**In millions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Represents Department of Defense military sales deliveries. Includes deliveries made under Military Assistance Program (MAP) and Military Assistance Service Funded Program (MASF); excludes training. For explanation of MAP and MASF programs, see source]

COUNTRY	MILITARY SALES DELIVERIES					MILITARY ASSISTANCE DELIVERIES				
	1950–1980 [1]	1981	1982	1983	1984	1950–1980 [1]	1981	1982	1983	1984
Total	**55,839.8**	**9,226.8**	**10,630.2**	**13,242.7**	**10,039.4**	**53,495.1**	**309.8**	**422.0**	**175.6**	**132.9**
Argentina	175.5	6.4	4.2	1.8	1.2	34.0	–	–	–	–
Australia	1,492.1	500.7	127.4	326.1	473.1	–	–	–	–	–
Austria	104.8	51.1	6.6	16.6	7.2	96.3	–	–	–	–
Belgium	618.5	276.5	297.6	273.1	196.3	1,203.8	–	–	–	–
Bolivia	2.1	–	–	–	–	31.9	–	–	–	.6
Brazil	263.5	5.3	4.3	9.0	10.8	207.2	–	–	–	–
Cambodia	–	–	–	–	–	1,177.2	–	–	–	–
Canada	1,392.2	81.8	117.2	111.7	145.7	–	–	–	–	–
Chile	178.1	–	–	–	–	80.5	–	–	–	–
China: Taiwan	1,205.6	373.5	389.8	409.7	314.1	2,553.7	.8	.2	–	–
Colombia	33.0	9.1	15.1	7.0	10.6	83.2	(Z)	(Z)	(Z)	–
Denmark	394.3	200.5	199.9	170.4	41.3	587.3	–	–	–	–
Dominican Rep	2.3	–	3.5	.3	4.0	21.5	(Z)	–	–	(Z)
Ecuador	44.8	5.9	11.9	29.1	6.3	32.0	–	–	–	–
Egypt	456.6	200.9	973.8	1,098.0	324.0	–	–	–	–	–
El Salvador	4.2	2.0	16.7	28.1	83.5	4.8	9.8	30.5	–	9.1
Ethiopia	86.6	–	–	–	–	183.0	–	–	–	–
France	376.6	11.9	15.5	14.1	47.4	4,045.1	–	–	–	–
Germany, Fed. Rep	6,297.6	429.7	420.7	322.9	346.1	884.8	–	–	–	–
Greece	1,329.7	131.4	133.9	158.6	112.6	1,596.0	16.5	22.2	34.6	1.2
Guatemala	29.5	.5	.7	.7	.6	16.2	(Z)	(Z)	(Z)	–
Honduras	9.7	1.3	1.4	12.1	20.7	5.6	–	–	–	(Z)
India	75.7	.5	.6	.9	.5	90.3	(Z)	(Z)	(Z)	(Z)
Indonesia	144.9	61.8	14.6	28.9	15.8	179.5	6.6	3.3	.8	1.0
Iran	10,725.9	–	–	–	–	766.7	–	–	–	–
Israel	6,207.4	1,024.0	876.3	280.4	232.0	–	–	–	–	–
Italy	753.9	26.6	24.7	28.5	57.3	2,243.7	–	–	–	–
Japan	574.1	318.2	325.7	390.4	347.0	810.3	–	–	–	–
Jordan	732.5	111.9	123.1	270.3	83.2	379.8	65.9	17.3	14.2	3.9
Kenya	59.8	28.3	23.5	19.9	6.1	–	–	–	–	–
Korea [2]	1,530.2	295.5	218.6	299.0	261.0	5,222.7	107.7	139.1	.7	1.6
Kuwait	518.4	65.2	85.8	72.7	65.3	–	–	–	–	–
Laos [2]	–	–	–	–	–	1,460.1	–	–	–	–
Lebanon	45.2	12.7	36.5	184.5	220.2	13.6	–	–	–	–
Liberia	4.3	.1	.1	9.3	7.3	5.3	.5	–	–	–
Libya	29.6	–	–	–	–	12.6	–	–	.4	–
Malaysia	64.7	29.0	3.6	26.3	28.5	–	–	–	–	–
Mexico	20.8	1.3	73.2	25.6	5.0	(Z)	–	–	–	–
Morocco	358.7	124.7	56.3	60.9	69.2	29.6	–	–	–	–
Netherlands	708.0	336.4	471.7	516.7	433.6	1,178.1	–	–	–	–
New Zealand	133.3	8.3	8.9	12.5	11.1	–	–	–	–	–
Nicaragua	5.2	–	–	–	–	7.7	–	–	–	–
Nigeria	29.6	9.5	7.7	2.5	4.4	–	–	–	–	–
Norway	564.6	208.0	249.3	261.3	223.8	862.2	–	–	–	–
Oman	9.6	16.9	31.5	22.5	5.4	–	–	–	–	–
Pakistan	322.8	77.8	146.4	255.8	502.7	650.3	–	–	(Z)	–
Panama	4.9	.2	.4	.5	.5	4.4	(Z)	(Z)	(Z)	(Z)
Paraguay	.7	(Z)	.2	(Z)	–	9.3	(Z)	(Z)	(Z)	(Z)
Peru	149.4	6.6	5.6	3.4	2.5	75.0	(Z)	(Z)	(Z)	(Z)
Philippines [2]	139.7	16.4	21.8	10.6	14.0	527.9	15.6	28.6	19.6	7.8
Portugal	15.5	4.4	9.3	12.5	26.1	360.1	15.4	72.7	16.0	42.6
Saudi Arabia	11,193.6	2,928.2	3,863.1	6,027.8	3,466.2	23.9	–	–	–	–
Singapore	148.8	49.5	23.5	83.9	37.0	–	–	–	–	–
South Vietnam [2]	1.2	–	–	–	–	14,773.9	–	–	–	–
Spain	677.9	123.9	93.2	59.3	71.3	627.1	15.0	20.9	17.4	2.2
Sudan	61.6	22.8	72.2	13.0	28.0	–	–	1.4	(Z)	–
Sweden	70.5	6.3	21.5	1.9	22.6	–	–	–	–	–
Switzerland	532.3	101.9	54.8	217.5	174.8	–	–	–	–	–
Thailand [2]	470.0	254.0	149.0	166.0	172.5	1,159.1	2.9	3.4	2.3	1.0
Tunisia	60.4	23.9	12.3	25.7	99.0	40.2	(Z)	.1	(Z)	(Z)
Turkey	686.1	106.4	187.8	151.2	306.6	3,107.6	12.1	10.1	4.4	3.8
United Kingdom	2,450.7	335.8	336.9	479.1	464.1	1,012.9	–	–	–	–
Uruguay	17.3	.7	.4	.7	.3	40.7	.1	(Z)	(Z)	(Z)
Venezuela	233.8	13.8	19.3	32.8	138.2	(Z)	–	–	–	(Z)
Yemen	192.4	49.3	24.9	16.3	10.4	–	–	–	–	–
Yugoslavia	14.5	.3	.5	20.4	2.6	689.6	–	–	–	–
Zaire	58.3	7.3	6.5	6.7	4.8	29.3	–	–	(Z)	–
Other countries [3]	51.1	5.1	23.1	29.4	57.4	851.2	–	–	7.9	11.5
Int'l organizations	519.6	124.8	185.6	115.8	215.6	1,601.4	–	–	–	–
General and regional costs	–	–	–	–	–	1,804.9	40.9	72.3	37.8	46.4

– Represents zero. Z Less than $50,000. [1] Includes transactions for the transition quarter, July–Sept. 1976.
[2] Includes MAP and MASF programs for military assistance deliveries. [3] Includes section 506(a) drawdown authority for military assistance deliveries.

Source: U.S. Defense Security Assistance Agency, *Foreign Military Sales, Foreign Military Construction Sales,* and *Military Assistance Facts,* annual.

No. 555. U.S. Military Sales and Assistance to Foreign Governments: 1950 to 1984

[**In millions of dollars, except as indicated.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Department of Defense (DOD) sales deliveries cover deliveries against DOD sales orders authorized under Arms Export Control Act, as well as earlier and applicable legislation. For details regarding individual programs, see source]

ITEM	1950–1974	1975	1976 [1]	1977	1978	1979	1980	1981	1982	1983	1984
Military sales agreements [2]	28,866	11,080	8,627	5,938	7,394	11,673	13,340	6,884	18,741	17,291	14,255
Weapons and ammunition [2]	13,397	5,649	3,312	2,412	2,751	3,686	6,835	2,231	7,698	8,541	6,544
Support equipment [3]	4,471	931	882	451	636	2,179	907	1,009	3,686	1,238	2,092
Spare parts and modifications	7,016	2,703	1,698	1,105	1,880	2,345	1,647	2,204	3,888	3,651	2,867
Support services	3,979	1,797	2,735	1,971	2,126	3,463	3,951	1,440	3,468	3,863	2,751
Military construction sales agreements	2,239	4,678	5,452	590	654	1,024	1,591	882	1,885	723	300
Military sales deliveries [4]	16,768	3,500	5,793	7,036	7,566	7,942	7,235	9,227	10,630	13,243	10,039
Military assistance programs [5]	51,702	1,041	255	229	211	229	266	250	261	88	57
Military assist. program deliveries [5]	50,391	1,808	364	108	220	169	435	310	422	176	133
Military sales financing	6,536	849	2,785	1,911	2,101	5,673	1,950	3,046	3,884	5,107	5,716
IMET program	1,809	33	26	24	28	27	25	28	44	49	54
Students trained (1,000)	468	9	7	5	4	4	4	5	6	7	6

[1] Includes transition quarter, July–Sept. 1976. [2] Includes items not shown separately. [3] Includes aircraft, ships, support vehicles, communications equipment, and other supplies. [4] Includes military construction sales deliveries. [5] Includes military Assistance Service Funded program data and Section 506(a) drawdown authority.

Source: U.S. Dept. of Defense, Defense Security Assistance Agency, *Foreign Military Sales, Foreign Military Construction Sales, and Military Assistance Facts,* annual, and unpublished data.

No. 556. Arms Delivered by Selected Supplier and Major Weapon Type: 1979–1983

[The suppliers included are the five largest single exporters of major weapons in terms of magnitude of deliveries as well as other countries of the two major alliances. Excludes Albania, Greece, Malta, Spain, Turkey, and Yugoslavia]

TYPE OF WEAPON	SUPPLIER							
	Total	Soviet Union	Other Warsaw Pact	United States [1]	France	United Kingdom	Other NATO	China
Land armaments: Tanks	13,654	6,540	1,720	1,829	115	365	305	670
Anti-air artillery [2]	7,448	2,905	710	193	50	–	150	1,450
Field artillery [3]	20,404	5,545	890	3,874	325	140	4,960	980
Armored personnel carriers	21,281	8,615	290	6,171	1,955	545	930	150
Naval craft: Major surface combatants [4]	139	33	3	27	17	8	42	–
Other surface combatants [5]	560	127	7	76	34	41	177	23
Submarines	39	8	–	–	2	–	6	2
Missile attack boats	101	46	–	–	12	6	12	12
Aircraft: Combat aircraft (supersonic)	3,693	2,070	25	518	250	60	–	320
Combat aircraft (subsonic)	613	205	15	188	80	65	–	–
Other aircraft [6]	2,043	340	325	93	120	55	365	125
Helicopters	2,145	1,065	165	165	405	20	235	–
Missiles (surface-to-air)	21,506	12,280	50	5,011	1,040	870	–	75

– Represents zero. [1] United States data are by fiscal years 1979–1983, while other suppliers' data are by calendar years 1979–1983. [2] Air defense artillery includes weapons over 23 millimeters. [3] Field artillery includes mobile rocket launchers mortars, and recoilless rifles over 100 millimeters. [4] Major surface combatants include aircraft carriers, cruisers, destroyers, destroyer escorts, and frigates. [5] Minor surface combatants include motor torpedo boats, subchasers, and minesweepers. [6] Other aircraft include reconnaissance aircraft, trainers, transports, and utility aircraft.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers,* annual.

No. 557. Estimates of Total Dollar Costs of American Wars

[**In millions of dollars, except percent.** Service-connected veterans' benefits estimated at 40 percent of total veterans' benefits except as noted]

ITEM	World War II	Vietnam Conflict	Korean Conflict	World War I	Civil War: Union	Civil War: Confederacy	Spanish American War	American Revolution	War of 1812	Mexican War
Original incremental, direct costs: [1]										
Current dollars	360,000	140,600	50,000	32,700	2,300	1,000	270	100–140	87	82
Constant (1967) dollars	816,300	148,800	69,300	100,000	8,500	3,700	1,100	400–680	170	300
Percent 1 year's GNP	188	14	15	43	74	123	2	104	14	4
Service-connected veterans' benefits [2]	74,119	18,013	13,558	14,331	3,289	–	2,111	28	20	26
Interest, pmts. on war loans [3]	[5]	[5]	[5]	11,000	1,200	[5]	60	20	14	10
Current cost to 1984 [4]	434,119	158,613	63,558	58,031	6,800	[5]	2,441	170	120	120

– Represents zero. [1] Figures are rounded and taken from Claudia D. Goldin, *Encyclopedia of American Economic History,* p. 938. [2] Total cost to Oct. 1, 1983. For World War I and later wars, benefits are actual service-connected figures from 1983 *Annual Report* of Veterans Administration. For earlier wars, service-connected veterans' benefits are estimated at 40 percent of total, the approximate ratio of service-connected to total benefits since World War I. [3] Total cost to 1984. Interest payments are a very rough approximation based on the percentage of the original costs of each war financed by money creation and debt, the difference between the level of public debt at the beginning of the war and at its end, and the approximate time required to pay off the war debts. [4] Figures are rounded estimates. [5] Unknown.

Source: Originally presented in U.S. Congress, Joint Economic Committee, *The Military Budget and National Economic Priorities,* Part 1, 91st Congress, 1st session (statement of James L. Clayton); subsequently revised and updated by James L. Clayton, University of Utah, Salt Lake City, Utah.

NO. 558. SUMMARY OF MAJOR MILITARY FORCES: 1980 TO 1984

[As of Sept. 30]

DESCRIPTION	1980	1983	1984
Army: Divisions	16	16	16
Maneuver battalions	168	167	155
Air defense battalions/batteries	154	134	135
Special forces groups	3	3	4
Total aircraft	8,731	8,853	8,926
Navy: Ship operating force	538	596	643
Tactical air squadrons	61	60	63
Antisubmarine air squadrons [1]	22	24	25
Marine divisions	3	3	3
Navy:—Con.			
Marine aircraft combat squadrons:			
Fixed-wing squadrons	30	32	31
Rotary-wing squadrons	24	27	28
Total aircraft	4,861	4,994	4,997
Air Force: ICBM launchers	1,054	1,042	1,031
Selected aircraft squadrons	125	124	124
Strategic	26	21	21
Air defense	6	5	5
Tactical (excluding air-lift)	93	98	98
Total aircraft [2]	10,116	10,351	10,297

[1] Does not include patrol squadrons. [2] Excludes foreign government-owned aircraft.

Source: U.S. Dept. of Defense, releases and unpublished data.

NO. 559. ESTIMATED U.S. STRATEGIC NUCLEAR FORCES: 1985

[Represents weapons with intercontinental range. U.S. strategic nuclear forces consist of three parts: Land-based intercontinental ballistic missiles (ICBMs), long-range bombers, and submarine-launched ballistic missiles (SLBMs). Together these three parts are known as the TRIAD]

LAUNCHER	Number	Warheads per launcher	Total warheads	Yield in megatons [1]	Total megatons	Equivalent megatons [2]	Availability [3]	Circular error probable [4] (feet)
Total	**1,963**	(x)	**10,398**	(x)	**2,649**	**3,490**	(x)	(x)
ICBMs, total	**1,026**	(x)	**2,126**	(x)	**1,203**	**1,235**	(x)	(x)
Minuteman II	450	1	450	1.2	540	493	.95	2,040
Minuteman III	550	3	1,650	.17/.335	429	664	.95	720
Titan II	26	1	26	9.0	234	78	.85	4,800
SLBMs, total	**640**	(x)	**5,728**	(x)	**391**	**935**	(x)	(x)
Trident (C-4)	144	8	1,152	.1	115	248	.7	1,500
Poseidon (C-3)	304	10	3,040	.04	122	356	.62	1,500
Poseidon (C-4)	192	8	1,536	.1	154	331	.62	1,500
Bombers, total	**297**	(x)	**2,544**	(x)	**1,055**	**1,320**	(x)	(x)
B-52 G/H	143	4 bombs	572	1.0	572	572	.3	600
		4 SRAM [5]	572	.2	114	196	.3	1,200
B-52 G (cruise missile)	98	12	1,176	.2	235	402	.3	300
FB-111 [6]	56	2 bombs	112	1.0	112	112	.3	600
		2 SRAM [5]	112	.2	22	38	.3	1,200

X Not applicable. [1] A megaton is the yield of a nuclear weapon equivalent to 1 million tons of TNT. [2] A commonly used measure of the urban area destructive power of a nuclear weapon that accounts for the fact that area destructive power does not increase proportionately with increases in yield. [3] Estimated for on-line weapons in peacetime alert. [4] A measure of the delivery accuracy of a weapon system. It is the radius of a circle around the target at which a missile is aimed within which the warhead has a .5 probability of falling. [5] Short-Range Attack Missile: An air-to-surface missile carried by U.S. FB-111 and B-52 bombers. [6] Medium bombers procured in small numbers in the late 1960s to supplement the B-52 force. Although capable of supersonic low-level flight, the aircraft's small range and payload limits its effectiveness.

NO. 560. ESTIMATED U.S.S.R. STRATEGIC NUCLEAR FORCES: 1985

[Represents weapons with intercontinental range]

LAUNCHER	Number	Warheads per launcher	Total warheads	Yield in megatons [1]	Total megatons	Equivalent megatons [2]	Availability [3]	Circular error probable [4] (feet)
Total	**2,556**	(x)	**9,544**	(x)	**5,790**	**6,749**	(x)	(x)
ICBMs, total	**1,398**	(x)	**6,420**	(x)	**3,708**	**4,431**	(x)	(x)
SS-11	520	1	520	.95	494	503	.85	4,560
SS-13	60	1	60	.60	36	43	.85	6,000
SS-17	150	4	600	.75	450	495	.95	1,020
SS-18	308	10	3,080	.50	1,540	1,940	.95	900
SS-19	360	6	2,160	.55	1,188	1,450	.95	1,300
SLBMs, total	**908**	(x)	**2,124**	(x)	**1,082**	**1,318**	(x)	(x)
SS-N-6	352	1	352	.75	264	291	.40	3,000
SS-N-8	280	1	280	.75	210	231	.40	3,000
SS-N-17	12	1	12	1.0	12	12	.40	4,500
SS-N-18	224	1/3/7	1,120	.50	560	706	.40	1,800
SS-N-20	40	9	360	.10	36	78	.40	1,800
Bombers, total	**250**	(x)	**1,000**	(x)	**1,000**	**1,000**	(x)	(x)
Bear	100	4	400	1.0	400	400	(NA)	(NA)
Bison	50	4	200	1.0	200	200	(NA)	(NA)
Backfire	100	4	400	1.0	400	400	(NA)	(NA)

NA Not available. X Not applicable. [1] See footnote 1, table 559. [2] See footnote, 2, table 559. [3] Estimated for on-line weapons in peacetime alert. [4] See footnote 4, table 559.

Source of tables 559 and 560: The Congress of the United States, Congressional Budget Office, *Modernizing U.S. Strategic Offensive Forces: The Administration's Program and Alternatives*, May 1983, and unpublished data.

NO. 561. DEPARTMENT OF DEFENSE—ACTIVE DUTY MILITARY PERSONNEL: 1940 TO 1984

[Through **1976**, as of **June 30**; beginning **1977**, as of **Sept. 30**]

YEAR	Total service (1,000)	Rate per 1,000 population [1]	YEAR	Total service (1,000)	Rate per 1,000 population [1]	YEAR	Total service (1,000)	Rate per 1,000 population [1]
1940	458	3.5	1955	2,935	17.7	1970	3,066	14.9
1941	1,801	13.5	1956	2,806	16.6	1971	2,715	13.1
1942	3,859	28.5	1957	2,796	16.3	1972	2,323	11.1
1943	9,045	65.9	1958	2,601	14.9	1973	2,253	10.6
1944	11,452	82.4	1959	2,504	14.1	1974	2,162	10.1
1945	12,123	86.3	1960	2,476	13.7	1975	2,128	9.9
1946	3,030	21.4	1961	2,484	13.5	1976	2,082	9.6
1947	1,583	10.9	1962	2,808	15.0	1977	2,075	9.4
1948	1,446	9.8	1963	2,700	14.3	1978	2,062	9.3
1949	1,615	10.8	1964	2,687	14.0	1979	2,027	9.0
1950	1,460	9.6	1965	2,655	13.7	1980	2,051	9.0
1951	3,249	21.0	1966	3,094	15.7	1981	2,083	9.1
1952	3,636	23.1	1967	3,377	17.0	1982	2,109	9.1
1953	3,555	22.2	1968	3,548	17.7	1983	2,123	9.1
1954	3,302	20.3	1969	3,460	17.1	1984	2,138	9.0

[1] Based on Bureau of the Census estimated total population (including Armed Forces abroad) as of July 1.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual.

NO. 562. DEPARTMENT OF DEFENSE PERSONNEL, PAYROLL, AND MILITARY RETIREES: 1950 TO 1984

[Through **1976**, personnel as of **June 30** and payroll for years ending **June 30**; beginning **1977**, personnel as of **Sept. 30** and payroll for years ending **Sept. 30**. Excludes "indirect hire" civilians, i.e., foreign nationals under special agreement by Defense Department with foreign country. See *Historical Statistics, Colonial Times to 1970*, series Y 904–916, for similar but not comparable personnel data]

YEAR	PERSONNEL (1,000)				PAYROLL (bil. dol.)				MILITARY RETIREES	
	Total	Active duty, military		Direct hire civilian	Total	Active duty, military [1]		Direct hire civilian [2]	Number (1,000)	Pension payments (bil. dol.)
		Total	Percent			Total	Percent			
1950	2,213	1,460	66.0	753	8.2	5.3	64.6	2.9	132	(NA)
1955	4,122	2,935	71.2	1,187	13.8	9.1	65.9	4.7	180	(NA)
1960	3,524	2,476	70.3	1,047	15.1	9.3	61.6	5.8	256	(NA)
1965	3,689	2,655	72.0	1,034	18.5	11.4	61.6	7.1	481	(NA)
1970	4,260	3,066	72.0	1,194	30.7	19.4	63.2	11.3	773	2.5
1974	3,233	2,162	66.9	1,071	32.7	19.9	60.9	12.8	1,012	4.9
1975	3,170	2,128	67.1	1,042	34.0	20.2	59.4	13.8	1,073	6.1
1976	3,092	2,082	67.3	1,010	35.0	20.4	58.3	14.6	1,132	7.3
1977	3,057	2,075	67.9	982	36.8	21.0	57.1	15.8	1,200	8.2
1978	3,043	2,062	67.8	980	38.6	21.0	54.4	17.6	1,280	9.0
1979	2,988	2,027	67.8	960	40.9	22.7	55.5	18.2	1,286	10.3
1980	3,011	2,051	68.1	960	42.8	24.2	56.5	18.6	1,330	11.9
1981	3,067	2,083	67.9	984	48.1	28.1	58.4	20.0	1,363	13.7
1982	3,098	2,109	68.1	990	54.7	32.9	60.1	21.8	1,391	14.9
1983	3,150	2,123	67.4	1,026	(NA)	(NA)	(NA)	(NA)	1,419	15.9
1984	3,212	2,138	66.6	1,044	(NA)	(NA)	(NA)	(NA)	1,449	16.4

NA Not available. [1] Excludes troop subsistence, transportation, movement of personnel, etc. [2] Excludes benefits, etc.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual; and *Military Manpower Statistics*, monthly.

NO. 563. DEPARTMENT OF DEFENSE PERSONNEL, BY BRANCH OF SERVICE: 1970 TO 1984

[**In thousands.** As of **Dec. 31**. See headnote, table 562. See *Historical Statistics, Colonial Times to 1970*, series Y 904–916, for similar but not comparable data]

BRANCH OF SERVICE	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total [1]	**4,026**	**3,228**	**3,183**	**3,112**	**3,067**	**3,044**	**3,019**	**2,987**	**3,024**	**3,067**	**3,098**	**3,150**	**3,182**
Army	1,664	1,148	1,145	1,140	1,133	1,122	1,107	1,108	1,120	1,136	1,137	1,115	1,127
Military	1,234	782	773	767	775	771	757	760	772	781	780	780	780
Civilian	430	366	372	373	358	351	350	348	347	354	357	336	347
Air Force	1,056	942	898	860	827	816	807	790	793	805	820	833	840
Military	759	674	625	599	580	572	567	557	560	570	583	592	597
Civilian	297	268	273	261	247	244	240	233	234	235	237	241	243
Navy [2]	1,242	1,065	1,066	1,040	1,029	1,028	1,028	1,013	1,033	1,046	1,060	1,085	1,098
Military	882	746	742	718	717	717	717	704	719	731	746	752	761
Civilian	360	319	324	322	312	311	311	309	315	315	314	334	337

[1] Includes personnel assigned to Office of Secretary of Defense, Organization of Joint Chiefs of Staff, Army Corps of Engineers Civil Functions, and other defense activities, not shown separately. [2] Includes Marine Corps.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual; and *Military Manpower Statistics*, monthly.

No. 564. Military Personnel on Active Duty, by Service: 1965 to 1985

[**In thousands.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** Includes National Guard, Reserve, and retired regular personnel on extended or continuous active duty. Excludes Coast Guard. Military cadets, Naval Academy midshipmen, Air Force Academy cadets, and other officer candidates are included under enlisted personnel. See also *Historical Statistics, Colonial Times to 1970,* series Y 904–916]

BRANCH OF SERVICE	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, est.
Total	**2,653**	**3,066**	**2,127**	**2,081**	**2,074**	**2,061**	**2,024**	**2,050**	**2,082**	**2,109**	**2,123**	**2,138**	**2,152**
Percent officers	12.7	13.1	13.7	13.5	13.3	13.2	13.5	13.5	13.7	13.8	14.1	14.2	14.3
Army	968	1,322	784	779	782	771	758	777	781	780	780	780	781
Officers	112	166	103	98	97	97	97	98	101	103	106	108	109
Enlisted	857	1,156	681	681	685	674	661	679	680	677	674	672	672
Navy	671	692	535	524	530	530	522	527	540	553	558	565	571
Officers	78	81	65	64	63	62	62	63	65	67	68	69	71
Enlisted	593	612	470	461	467	468	460	464	475	486	490	496	500
Marine Corps	190	260	196	192	192	191	185	188	191	193	194	196	198
Officers	17	25	19	19	19	18	18	18	18	19	20	20	20
Enlisted	173	235	177	174	173	173	167	170	172	174	174	176	178
Air Force	824	791	612	585	570	569	559	558	570	583	592	597	602
Officers	131	130	105	100	96	95	96	98	99	102	105	106	108
Enlisted	692	662	507	486	474	474	463	460	471	481	487	491	494

Source: U.S. Dept. of Defense, semiannual reports and unpublished data.

No. 565. Active Duty Forces, by Sex, Race, and Hispanic Origin: 1981 to 1984

[**In thousands.** As of **Sept. 30.** Officers include warrant officers]

ITEM	1981	1982	1983	1984	ITEM	1981	1982	1983	1984
Total	**2,068.9**	**2,096.4**	**2,112.1**	**2,123.4**	Hispanic origin [2]	67.3	67.6	67.8	66.4
Males	**1,885.3**	**1,908.1**	**1,915.9**	**1,922.6**	**Females**	**183.6**	**188.5**	**196.1**	**200.8**
Officers [1]	262.1	267.1	273.7	274.9	Officers [1]	23.2	25.3	27.0	28.6
White	238.5	237.5	245.7	248.2	White	19.4	20.9	21.9	23.6
Black	12.8	13.7	14.4	15.3	Black	2.4	2.8	3.2	3.4
Hispanic origin [2]	3.2	3.5	3.7	3.9	Hispanic origin [2]	.3	.4	.5	.5
Enlisted [1]	1,623.2	1,641.0	1,642.3	1,647.6	Enlisted [1]	160.2	163.2	169.1	172.1
White	1,133.2	1,094.8	1,164.2	1,177.7	White	106.0	106.7	110.5	111.7
Black	350.8	351.7	341.4	334.5	Black	44.0	45.9	50.1	49.7
					Hispanic origin [3]	5.1	5.2	5.7	5.3

[1] Includes other races not shown separately. [2] Persons of Hispanic origin may be of any race.

Source: U.S. Dept. of Defense, Office of the Deputy Assistant Secretary of Defense (Equal Opportunity and Safety Policy), unpublished data.

No. 566. Military Personnel on Active Duty, by Location: 1965 to 1984

[**In thousands. 1965–1975** as of **Dec. 31;** thereafter as of **Sept. 30.** Shore-based includes Navy personnel temporarily on shore]

YEAR	TOTAL		UNITED STATES [2]		FOREIGN COUNTRIES		YEAR	TOTAL		UNITED STATES [2]		FOREIGN COUNTRIES	
	Shore-based	Naval afloat [1]	Shore-based	Naval afloat [1]	Shore-based	Naval afloat [1]		Shore-based	Naval afloat [1]	Shore-based	Naval afloat [1]	Shore-based	Naval afloat [1]
1965	2,517	340	1,789	215	728	125	1977	1,854	221	1,460	155	394	66
1969	3,008	290	2,012	197	996	92	1978	1,834	228	1,427	164	408	64
1970	2,627	247	1,807	180	820	67	1979	1,824	204	1,415	154	408	50
1971	2,290	229	1,677	169	613	60	1980	1,840	211	1,411	151	429	59
1972	2,109	239	1,618	134	491	105	1981	1,869	214	1,438	143	431	71
1973	1,982	220	1,544	165	438	55	1982	1,880	229	1,432	148	448	80
1974	1,929	211	1,508	152	421	59	1983	1,889	234	1,439	165	450	69
1975	1,884	200	1,480	150	405	50	1984	1,908	230	1,459	169	449	61
1976	1,867	217	1,479	147	387	69							

[1] Includes Marine Corps. [2] Includes outlying areas. [3] Includes personnel in the Panama Canal Zone who were previously reported in the United States total.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics,* annual; and unpublished data.

No. 567. Coast Guard Personnel on Active Duty: 1960 to 1984

[As of **June 30** except, beginning **1978,** as of **Sept. 30**]

YEAR	Total	Officers	Cadets	Enlisted	YEAR	Total	Officers	Cadets	Enlisted
1960	30,616	4,020	405	26,191	1980	39,381	6,463	877	32,041
1965	31,776	4,476	440	26,860	1981	39,760	6,519	981	32,260
1970	37,689	5,512	653	31,524	1982	38,248	6,431	902	30,915
1975	36,788	5,630	1,177	29,981	1983	39,708	6,535	811	32,362
1978	37,734	6,115	881	30,738	1984	38,705	6,790	759	31,156
1979	38,559	6,340	806	31,413					

Source: 1960 and 1965, U.S. Dept. of the Treasury, *Annual Report of the Secretary of the Treasury on the State of the Finances;* thereafter, U.S. Dept. of Transportation, *Annual Report of the Secretary of Transportation.*

No. 568. U.S. Military Personnel Abroad or Afloat, by Country: 1980 to 1984

[In thousands. As of Sept. 30. Data are unclassified approximations]

COUNTRY	1980	1981	1982	1983	1984	COUNTRY	1980	1981	1982	1983	1984
Outside U.S. [1]	**502**	**502**	**528**	**520**	**511**	Asia and Pacific	115	125	139	137	121
Europe [2]	332	337	356	342	352	Japan [3]	46	46	51	49	46
Germany, F.R.	244	248	256	254	254	Philippines	13	15	14	15	15
Greece	4	3	4	4	4	South Korea	39	38	39	39	41
Iceland	3	3	3	3	3	Afloat	16	25	33	34	18
Italy	12	12	13	14	15	U.S. outlying areas [4]	13	13	13	13	13
Spain	9	9	9	9	9	Troop dependents	369	347	368	386	399
Turkey	5	5	5	5	5						
United Kingdom	24	25	26	28	29						
Other countries	7	7	7	7	8						
Afloat	22	25	33	18	25						

[1] Includes troops in countries not shown. [2] Western Europe and related areas. [3] Includes Okinawa. [4] Primarily Guam, Puerto Rico, and Midway Islands.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual; and unpublished data.

No. 569. Vietnam Conflict—U.S. Military Forces in Vietnam, and Casualties: 1959 to 1984

[Military forces as of Dec. 31. All U.S. forces withdrawn by Jan. 27, 1973]

ITEM	Unit	1959–1984, total	1959–1964	1965	1966	1967	1968	1969	1970	1971	1972	1973–1984
Military forces	1,000	(X)	[1] **23.3**	**184.3**	**385.3**	**485.6**	**536.1**	**475.2**	**234.6**	**156.8**	**24.2**	–
Battle deaths [2]	Number	**47,319**	**269**	**1,426**	**5,036**	**9,461**	**14,615**	**9,413**	**4,228**	**1,373**	**359**	**1,138**
Killed	Number	38,479	187	1,118	4,131	7,524	12,618	8,107	3,486	1,079	204	25
Died of wounds	Number	5,188	10	111	579	978	1,597	1,165	553	160	27	8
Died while missing [3]	Number	3,652	72	197	326	959	401	141	189	134	128	1,105
Wounded, nonfatal: [2]												
Hospital care	1,000	153.3	.8	3.3	16.5	32.4	46.8	32.9	15.2	4.8	.6	(Z)
No hospital care	1,000	150.3	.8	2.8	13.6	29.7	46.0	37.3	15.4	4.2	.6	(Z)

– Represents zero. X Not applicable. Z Fewer than 50. [1] For 1964 only. [2] Casualties from enemy action. Deaths exclude 10,449 servicemen who died in accidents or from disease. [3] Includes servicemen who died while captured.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and unpublished data; beginning 1981, National Archives and Records Service, "Combat Area Casualty File," (3-330-80-3).

No. 570. Armed Forces Personnel—Summary of Major Conflicts

[For Revolutionary War, number of personnel serving not known, but estimates range from 184,000 to 250,000; for War of 1812, 286,730 served; for Mexican War, 78,718 served. Dates of the major conflicts may differ from those specified in various laws providing benefits for veterans. See table 569 for data on Vietnam conflict. See also *Historical Statistics, Colonial Times to 1970*, series Y 856-903]

ITEM	Unit	Civil War [1]	Spanish-American War	World War I	World War II	Korean conflict	Vietnam conflict
Personnel serving	1,000	2,213	307	4,744	[2] 16,354	[3] 5,764	[4] 8,811
Army	1,000	2,129	[5] 281	4,057	11,260	2,834	4,368
Navy	1,000		23	599	4,183	1,177	1,842
Marines	1,000	84	3	79	669	424	794
Air Force [6]	1,000	(X)	(X)	([7])	([7])	1,285	1,740
Coast Guard [6]	1,000	(X)	(X)	9	241	44	67
Average duration of service	Months	20	8	12	33	19	23
Officers	Months	(NA)	8	14	39	24	(NA)
Enlisted	Months	(NA)	8	12	33	18	(NA)
Service abroad: Personnel serving	Percent	(NA)	[9] 29	53	73	[10] 56	(NA)
Average duration [11]	Months	(NA)	1.5	5.5	16.2	13.4	(NA)
Casualties: [12] Battle deaths	1,000	140	(Z)	53	292	34	[13] 47
Wounds not mortal	1,000	282	2	204	671	103	[13] 304
Draftees: Classified	1,000	777	(X)	24,234	36,677	9,123	[4] 75,717
Examined	1,000	522	(X)	3,764	17,955	3,685	[4] 8,611
Rejected	1,000	160	(X)	803	6,420	1,189	[4] 3,880
Inducted	1,000	46	(X)	2,820	10,022	1,560	[4] 1,759

NA Not available. X Not applicable. Z Fewer than 500. [1] Union forces only. Estimates of the number serving in Confederate forces range from 600,000 to 1.5 million. [2] Covers Dec. 1, 1941, to Dec. 31, 1946. [3] Covers June 25, 1950, to July 27, 1953. [4] Covers Aug. 4, 1964, to Jan. 27, 1973. [5] Covers Apr. 21 to Aug. 13, 1898. [6] Originally organized in 1907: Established as Air Force under Armed Services Unification Act of 1947. For World War I, known as Aviation Service and included in data for Army; for World War II, known as Army Air Forces and included in data for Army. [7] Included in Army. [8] Established Jan. 28, 1915. [9] Army and Marines only. [10] Excludes Navy. Covers July 1950 through Jan. 1955. Far East area only. [11] During hostilities only. [12] For periods covered, see footnotes 2, 3, 4, and 5. [13] Covers Jan. 1, 1961, to Jan. 27, 1973.

Source: The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, vol. I, 1956; and U.S. Dept. of Defense, unpublished data.

NO. 571. ACTIVE DUTY MILITARY PERSONNEL AND THEIR DEPENDENTS: 1965 TO 1984

[**In thousands except as indicated.** As of **September 30.** Excludes cadets]

BRANCH OF SERVICE	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Military personnel, total	**2,710**	**2,970**	**2,092**	**2,061**	**2,049**	**2,014**	**2,037**	**2,069**	**2,095**	**2,110**	**2,128**
Males	2,679	2,928	1,991	1,942	1,916	1,864	1,867	1,886	1,907	1,913	1,923
Dependents, total	3,814	4,095	2,980	2,936	2,868	2,879	2,827	2,558	2,691	2,757	2,851
Spouses	1,286	1,507	1,132	1,134	1,115	1,103	1,090	1,007	1,075	1,129	1,150
Children	2,375	2,328	1,747	1,699	1,654	1,646	1,601	1,476	1,547	1,561	1,618
Parents and all other	153	261	101	103	99	130	135	75	69	67	83
Number per military male	1.41	1.38	1.50	1.42	1.40	1.54	1.51	1.35	1.41	1.44	1.48
Army	1.18	1.32	1.54	1.53	1.55	1.85	1.84	1.44	1.55	1.57	1.63
Navy	1.15	1.12	1.26	1.19	1.14	1.16	1.11	1.12	1.16	1.23	1.27
Marine Corps	.97	.66	.93	.89	.86	.87	.85	.88	.94	1.00	1.06
Air Force	2.00	1.95	1.86	1.68	1.62	1.73	1.69	1.65	1.63	1.64	1.65
Number per family unit	2.97	2.72	2.63	2.59	2.57	2.61	2.59	2.54	2.50	2.44	2.48
Army	2.89	2.66	2.75	2.76	2.75	2.88	2.89	2.87	2.80	2.67	2.77
Navy	2.78	2.54	2.54	2.46	2.43	2.40	2.34	2.34	2.32	2.31	2.31
Marine Corps	2.75	2.46	2.40	2.38	2.39	2.42	2.41	2.40	2.35	2.34	2.36
Air Force	3.16	2.93	2.62	2.51	2.48	2.45	2.41	2.37	2.34	2.31	2.31

Source: U.S. Department of Defense, *Selected Manpower Statistics,* annual.

NO. 572. MILITARY PERSONNEL—DESERTION AND ABSENT-WITHOUT-AUTHORITY RATES: 1965 TO 1984

[**Rate per 1,000 average end-of-month strength.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30**]

YEAR	DESERTION RATE [1]					ABSENT-WITHOUT-AUTHORITY RATE [2]				
	Total	Army	Marine Corps	Navy	Air Force	Total	Army	Marine Corps	Navy	Air Force
1965	(NA)	15.7	18.8	6.7	.4	(NA)	60.1	(NA)	26.8	2.9
1970	33.6	52.3	59.6	9.9	.8	86.3	132.5	174.3	17.5	5.9
1971	42.0	73.5	56.2	11.1	1.5	104.3	176.9	166.6	19.0	9.4
1972	35.1	62.0	65.3	8.8	2.8	95.3	166.4	170.0	18.3	17.2
1973	29.8	52.1	63.2	13.6	2.2	93.2	159.2	234.3	21.7	16.1
1974	29.9	41.1	89.2	21.2	2.4	95.0	129.9	287.5	53.8	17.3
1975	26.3	26.0	105.0	22.4	1.9	86.6	95.4	300.9	73.0	13.0
1976	20.1	17.7	69.2	24.8	1.2	68.2	70.3	201.8	77.5	7.8
1977	19.1	16.7	47.0	31.6	.6	48.5	47.0	103.5	76.9	3.8
1978	18.0	15.4	39.9	30.4	.7	46.0	40.4	97.5	78.3	4.6
1979	18.5	18.1	37.9	29.6	1.1	46.2	38.0	86.7	83.4	5.9
1980	17.9	19.6	34.2	27.0	1.2	46.8	41.6	83.6	82.0	6.7
1981	14.7	15.9	28.8	21.8	1.0	42.3	36.0	73.9	77.9	5.2
1982	10.9	11.0	21.1	18.0	.6	34.3	27.3	65.4	63.6	3.7
1983	6.7	7.1	16.2	12.9	.4	22.4	19.6	52.4	48.8	2.5
1984	6.5	6.0	11.2	11.6	.3	20.8	13.6	35.5	53.5	2.2

NA Not available. [1] Absent without authority more than 30 days. [2] For 30 days or less.

NO. 573. DISCHARGES OF ENLISTED PERSONNEL, BY TYPE: 1965 TO 1983

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30**]

YEAR	Total discharges	Honorable [1 2]	General [1 3]	Other than honorable [1 4]	Bad conduct [5 6]	Dishonorable [5 7]	PERCENT OF TOTAL		
							Honorable	General	Other
1965	718,898	678,100	25,477	13,178	2,088	55	94.3	3.5	2.1
1966	740,044	706,761	20,883	10,544	1,784	72	95.5	2.8	1.7
1967	689,617	657,684	19,562	9,741	2,565	65	95.4	2.8	1.8
1968	869,877	836,990	18,260	11,707	2,886	34	96.2	2.1	1.7
1969	1,016,470	980,376	19,853	12,392	3,662	187	96.4	2.0	1.6
1970	1,136,140	1,081,556	29,334	20,911	3,964	375	95.2	2.6	2.2
1971	1,018,822	944,365	40,256	29,139	4,737	325	92.7	4.0	3.4
1972	890,557	804,470	45,219	36,345	4,167	356	90.3	5.1	4.6
1973	719,789	646,720	40,680	29,049	2,906	434	89.8	5.7	4.5
1974	688,179	609,580	45,960	29,336	2,988	315	88.6	6.7	4.7
1975	682,952	603,058	48,999	27,015	3,587	293	88.3	7.2	4.4
1976	630,194	542,674	53,135	30,721	3,435	229	86.1	8.4	5.5
1977	569,258	509,693	38,922	18,104	2,349	190	89.5	6.8	3.7
1978	493,585	446,870	29,678	15,054	1,823	160	90.5	6.0	3.5
1979	543,222	499,269	26,989	14,759	1,914	291	91.9	5.0	3.1
1980	541,558	499,950	23,541	15,553	2,242	272	92.3	4.4	3.3
1981	530,718	481,684	27,399	17,615	3,633	387	90.7	5.1	4.0
1982	523,014	466,666	33,294	18,071	4,653	330	89.2	6.3	4.4
1983, prel.	[8] 531,398	447,511	35,582	23,176	5,757	138	84.2	6.6	9.0

[1] Administrative discharge. [2] Based on proper military behavior and proficient performance of duty; honest and faithful service. [3] Discharge under honorable conditions; satisfactory service; military record not sufficiently meritorious for honorable discharge. [4] Unsatisfactory service (misconduct, security or resignation/request for discharge). [5] Punitive, resulting from trial by court-martial. [6] Usually punishment for repeated convictions of minor offenses or less serious felony type offense. [7] Awarded after conviction of serious offenses usually recognized by civil law as felonies, or of military offenses requiring severe punishment. [8] Includes 19,234 uncharacterized discharges during first 180 days of continuous active duty, for void enlistments or inductions, or for dropping from the rolls of the Service.

Source of tables 572 and 573: U.S. Dept. of Defense, unpublished data.

No. 574. Enlisted Military Personnel Procurement: 1975 to 1984

[**In thousands, except percent.** For years ending **June 30** except, beginning **1980**, ending **Sept. 30**]

BRANCH OF SERVICE	1975	1980	1983	1984	BRANCH OF SERVICE	1975	1980	1983	1984
Total	**667**	**582**	**559**	**549**	**Navy**	**166**	**127**	**112**	**122**
First enlistments	415	356	302	305	First enlistments	90	75	64	69
Percent—					Reenlistments	54	36	48	53
Black	18.1	26.3	(NA)	(NA)	**Marine Corps**	**71**	**58**	**56**	**62**
High school graduates	71.7	67.7	(NA)	(NA)	First enlistments	56	42	39	41
Reenlistments	228	204	236	224	Reenlistments	15	15	18	21
Reserves to active duty	24	22	22	20	**Air Force**	**147**	**132**	**141**	**126**
Army	**283**	**265**	**229**	**220**	First enlistments	78	76	63	62
First enlistments	191	163	135	134	Reenlistments	68	56	78	64
Reenlistments	91	97	94	86					

NA Not available.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual; and *Military Manpower Statistics*, monthly.

No. 575. Reserve Officers Training Corps (ROTC)—Enrollment: 1970 to 1983

[**In thousands.** For **May, or end of school year.** Jr. ROTC refers to enrollment in high schools, academies, junior colleges, and National Defense Cadet Corps schools; after 1965, includes Jr. ROTC in all service branches]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Senior ROTC	123	92	73	60	56	61	66	76	80	84	91	100	103	99
Junior ROTC	126	124	121	140	155	164	158	152	156	144	166	158	191	176

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual; and *Military Manpower Statistics*, monthly.

No. 576. Military Personnel on Active Duty by Grade in Which Serving: 1981 to 1984

[**In thousands.** As of **Sept. 30**]

RANK/GRADE	1981	1982	1983	1984	RANK/GRADE	1981	1982	1983	1984
Total [1]	**2,082.6**	**2,108.6**	**2,123.3**	**2,138.2**	Chief Warrant—W-2	6.8	7.0	7.5	8.9
Recruit—E-1	165.7	140.3	136.7	129.8	Chief Warrant—W-3	5.3	5.7	5.8	5.5
Private—E-2	157.4	145.9	143.5	137.2	Chief Warrant—W-4	2.1	2.1	2.3	2.8
Pvt. 1st class—E-3	346.2	381.6	371.4	368.1	2nd Lt.—O-1	39.0	37.8	38.5	39.5
Corporal—E-4	408.2	408.6	413.2	424.0	1st Lt.—O-2	40.1	44.0	43.1	41.6
Sergeant—E-5	330.1	336.5	347.2	351.2	Captain—O-3	90.0	92.6	98.3	101.7
Staff Sgt.—E-6	209.5	218.6	222.1	231.7	Major—O-4	49.7	50.6	51.5	52.3
Sgt. 1st class—E-7	119.7	122.0	124.8	126.9	Lt. Colonel—O-5	32.6	32.3	32.5	32.6
Master Sgt.—E-8	34.2	36.4	38.2	37.9	Colonel—O-6	14.3	14.2	14.5	14.6
Sgt. Major—E-9	13.0	13.8	14.0	14.3	Brig. General—O-7	.5	.5	.5	.5
Warrant Officer—W-1	4.1	3.8	3.7	2.7	Major General—O-8	.4	.4	.4	.4
					Lt. General—O-9	.1	.1	.1	.1
					General—O-10	(Z)	(Z)	(Z)	(Z)

Z Less than 50. [1] Includes cadets and midshipmen.

Source: U.S. Dept. of Defense, Office of the Comptroller, *Selected Manpower Statistics*, annual.

No. 577. Monthly (October) Rates of Military Basic Pay: 1981 to 1985

PAY GRADE AND YEARS OF SERVICE [1]	1981	1982	1984 [2]	1985 [3]	PAY GRADE AND YEARS OF SERVICE [1]	1981	1982	1984 [2]	1985 [3]
Recruit—E-1 (0-2)	$551	$574	$596	$620	2d Lt.—O-1 (0-2)	$1,057	$1,099	$1,143	$1,189
Private—E-2 (0-2)	618	643	669	695	1st Lt.—O-2 (2-3)	1,329	1,382	1,438	1,495
Pvt. 1st class—E-3 (0-2)	643	668	695	723	Captain—O-3 (6-8)	1,934	2,012	2,092	2,176
Corporal—E-4 (2-3)	720	749	779	810	Major—O-4 (14-16)	2,448	2,546	2,648	2,754
Sergeant—E-5 (4-6)	871	906	942	980	Lt. Colonel—O-5 (20-22)	3,034	3,156	3,282	3,413
Staff Sgt.—E-6 (12-14)	1,192	1,202	1,250	1,300	Colonel—O-6 (26-30)	3,849	4,003	4,163	4,330
Sgt. 1st Class—E-7 (18-20)	1,408	1,456	1,523	1,584	Brig. General—O-7 (26-30)	[4] 4,176	4,556	4,738	4,928
Master Sgt.—E-8 (20-22)	1,616	1,681	1,748	1,818	Maj General—O-8 (26-30)	[4] 4,176	[4] 4,791	5,450	5,667
Sgt. Major—E-9 (22-26)	1,941	2,019	2,100	2,184	Lt. General—O-9 (26-30)	[4] 4,176	[4] 4,791	[4]5,500	[4] 5,725
Warrant Officer—W-1 (10-12)	1,329	1,382	1,438	1,495	General—O-10 (26-30)	[4] 4,176	[4] 4,791	[4]5,500	[4] 5,725
Chief Warrant—W-4 (26-30)	2,429	2,526	2,627	2,732					

[1] Longevity pay step of typical military member. [2] Pay adjustment delayed until January 1984. [3] Pay adjustment delayed until January 1985. [4] Statutory limitation.

Source: U.S. Dept. of Defense, Office of the Comptroller, unpublished data.

NO. 578. AVERAGE ANNUAL MILITARY COMPENSATION RATES: 1975 TO 1985

[In **thousands of dollars.** **1975** as of **June 30,** thereafter, as of **Sept. 30.** Covers all branches of the military service. Based on weighted averages. See also *Historical Statistics, Colonial Times to 1970,* series D 921–926 and Y 898–903]

ITEM	BASIC PAY							BASIC PAY PLUS ENTITLEMENTS [1]						
	1975	1980	1981	1982	1983	1984	1985, est.	1975	1980	1981	1982	1983	1984	1985, est.
Current dollars:														
All personnel [2]	7.3	9.6	10.7	12.3	12.9	13.3	14.1	9.5	13.1	14.3	16.7	17.5	18.1	19.2
Officers	14.8	19.6	21.8	24.9	25.9	26.8	28.1	18.8	25.0	28.5	31.3	33.5	34.6	36.2
Enlisted	6.0	8.0	8.9	10.2	10.7	11.1	11.7	8.0	11.2	12.0	14.3	14.8	15.4	16.3
Constant (1972) dollars:														
All personnel [2]	5.7	5.5	5.3	5.4	5.4	5.4	5.5	7.5	7.6	7.1	7.4	7.4	7.5	7.6
Officers	11.5	11.3	10.8	10.9	10.9	10.9	11.0	14.8	14.6	14.2	13.8	14.2	14.3	14.3
Enlisted	4.7	4.6	4.4	4.5	4.5	4.5	4.6	6.3	6.5	6.0	6.3	6.3	6.4	6.4

[1] Not strictly comparable, year to year, due to changes in entitlements. [2] Excludes pay of Officer Candidates.

Source: U.S. Dept. of Defense, unpublished data.

NO. 579. MILITARY RESERVE PERSONNEL: 1965 TO 1983

[**In thousands.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** The ready reserve includes selected reservists who are intended to assist active forces in a war and the individual ready reserve who, in a major war, would be used to fill out active and reserve units and later would be a source of combat replacements; a portion of the ready reserve serves in an active status. The standby reserve cannot be called to active duty unless the Congress gives its explicit approval. The retired reserve represents a low potential for mobilization]

RESERVE STATUS AND BRANCH OF SERVICE	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total reserves	**2,577**	**3,639**	**3,065**	**2,656**	**2,419**	**2,249**	**2,118**	**2,109**	**2,169**	**2,267**	**2,250**	**2,295**
Ready reserve	1,802	2,574	1,856	1,529	1,308	1,183	1,144	1,203	1,263	1,317	1,359	1,419
Standby reserve	472	492	496	412	340	274	183	103	86	65	52	44
Retired reserve	303	573	713	715	771	792	791	803	821	885	839	832
Army	1,515	2,221	1,878	1,631	1,389	1,243	1,178	1,173	1,218	1,337	1,360	1,408
Army National Guard	386	410	412	403	377	365	350	350	374	400	419	427
Army Reserve	1,129	1,811	1,466	1,228	1,012	878	828	823	844	937	941	981
Navy	602	808	640	521	489	476	435	427	438	436	415	423
Naval Reserve	463	574	457	387	373	367	337	327	336	337	321	325
Marine Corps Reserve	134	234	183	134	116	109	98	100	102	99	94	98
Air Force	460	610	547	504	541	530	506	509	514	494	476	463
Air National Guard	76	90	94	96	91	92	92	94	97	98	101	102
Air Force Reserve	384	520	453	408	450	438	414	415	417	396	375	361

Source: U.S. Dept. of Defense, *Selected Manpower Statistics,* annual; and *Military Manpower Statistics,* monthly.

NO. 580. MILITARY RESERVE COSTS: 1970 TO 1984

[**In millions of dollars.** **1970** and **1975** as of **June 30;** beginning **1977,** as of **Sept. 30.** Army and Air Force data include National Guard]

TYPE OF COST	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total	**2,547**	**4,789**	**5,890**	**6,881**	**7,049**	**7,877**	**9,870**	**10,370**	**12,073**	**14,301**
Operations and maintenance	994	2,092	2,532	2,718	2,951	3,526	4,164	4,716	5,137	5,128
Personnel	1,083	1,679	1,784	1,932	2,031	2,359	3,012	3,776	4,633	5,065
Procurement	187	518	1,041	1,689	1,506	1,463	1,955	1,008	1,627	3,371
Active-duty support	234	324	335	365	389	408	506	556	386	433
Construction	49	176	198	176	172	122	233	314	291	303

Source: U.S. Dept. of Defense, *Five-Year Defense Plan,* internal record.

NO. 581. NATIONAL GUARD—SUMMARY: 1970 TO 1984

[As of **June 30** except, beginning **1977,** as of **Sept. 30.** Includes Puerto Rico]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Army National Guard: Units	**Number**	**3,052**	**3,245**	**3,297**	**3,355**	**3,368**	**3,379**	**3,359**	**3,482**	**3,429**	**4,351**
Personnel [1]	1,000	410	403	364	347	347	368	391	409	418	435
Funds obligated [2]	Mil. dol	752	1,322	1,514	1,596	1,654	1,802	2,189	2,708	2,980	3,119
Value of equipment	Mil. dol	1,600	4,100	4,100	4,723	7,600	7,600	8,100	8,600	13,100	14,300
Air National Guard: Units	**Number**	**958**	**1,106**	**1,020**	**1,020**	**1,020**	**1,054**	**1,054**	**1,060**	**1,185**	1,202
Personnel [1]	1,000	90	96	91	92	93	97	98	101	102	105
Funds obligated [2]	Mil. dol	467	890	1,044	1,104	1,250	1,678	1,957	2,268	2,478	2,488
Value of equipment (est.)	Mil. dol	(NA)	3,100	3,970	4,087	4,800	5,200	6,000	5,900	6,300	[3] 17,500

NA Not available. [1] Officers and enlisted men. [2] Federal funds; includes personnel, operations, maintenance, and military construction. [3] Increase due to repricing of aircraft to current year dollars to reflect true replacement value.

Source: National Guard Bureau, *Annual Review of the Chief, National Guard Bureau,* and unpublished data.

No. 582. Living Veterans—States and Other Areas: 1950 to 1984

[**Estimates in thousands. 1950–1970,** as of **June 30;** thereafter, as of **Sept. 30.** 1983 data were developed from benchmark veteran population statistics as of **April 1, 1980,** based on 1980 Census of Population data on veteran's place of residence, extended to **Sept. 30, 1982,** on the basis of 1975–1980 veteran interstate migration statistics from the 1980 census; not directly comparable with earlier estimates previously published by the VA. Excludes a small indeterminate number of National Guard personnel or reservists who incurred service-connected disabilities while on an initial tour of active duty for training only. Detail may not add to total shown due to rounding]

Year and state or other area	Total veterans [1]	War veterans							Service between Korea and Vietnam only	Post-Vietnam era [5]
		Total [2]	World War I	World War II [3]	Korean conflict		Vietnam era			
					Total [3 4]	No service in World War II	Total [4]	No service in Korean conflict		
1950	19,023	19,023	3,518	15,386	(x)	(x)	(x)	(x)	(x)	(x)
1960	23,811	22,431	2,673	15,202	5,482	4,520	(x)	(x)	1,380	(x)
1970	27,647	24,522	1,536	14,458	5,867	4,605	4,173	3,918	3,125	(x)
1980	28,652	23,977	463	11,728	5,436	4,332	8,119	7,454	3,086	469
1981	28,563	23,716	404	11,491	5,393	4,308	8,175	7,513	3,076	452
1982	28,399	23,421	348	11,241	5,346	4,280	8,210	7,551	3,064	435
1983	28,202	23,109	297	10,978	5,294	4,249	8,238	7,584	3,051	1,623
1984, total	**[6] 28,027**	**[6] 22,782**	**250**	**10,700**	**5,237**	**4,215**	**8,263**	**7,616**	**3,037**	**1,803**
U.S	**27,899**	**22,681**	**249**	**10,669**	**5,200**	**4,182**	**8,226**	**7,581**	**3,025**	**1,790**
Alabama	437	349	3	160	89	70	130	115	46	35
Alaska	48	38	(z)	10	8	7	22	21	6	4
Arizona	388	318	4	155	73	53	121	106	38	27
Arkansas	271	220	3	109	50	38	79	70	28	19
California	2,952	2,410	25	1,114	598	441	917	829	313	181
Colorado	399	322	3	126	78	60	149	133	45	28
Connecticut	406	334	4	167	77	65	104	99	47	20
Delaware	76	62	1	30	14	12	22	20	8	5
District of Columbia	63	51	1	25	13	10	17	15	6	5
Florida	1,413	1,177	19	649	274	186	384	322	122	86
Georgia	633	505	3	212	123	95	220	195	68	50
Hawaii	97	78	(z)	32	21	16	34	30	10	7
Idaho	122	98	1	42	21	17	41	38	14	8
Illinois	1,319	1,072	12	512	233	204	357	345	151	76
Indiana	672	539	6	242	120	104	194	187	77	47
Iowa	349	288	5	128	63	56	102	99	37	20
Kansas	295	242	4	113	54	44	88	81	31	18
Kentucky	402	327	4	152	72	61	118	110	43	25
Louisiana	450	359	3	162	79	63	142	130	48	35
Maine	153	125	2	57	29	23	46	42	16	10
Maryland	535	433	3	198	109	84	165	148	60	35
Massachusetts	704	579	8	302	130	107	172	163	77	39
Michigan	1,102	889	9	400	188	167	323	313	125	73
Minnesota	518	419	6	178	92	80	159	154	62	32
Mississippi	244	196	2	98	49	38	66	58	25	18
Missouri	642	522	7	243	121	100	185	173	68	43
Montana	107	87	1	37	18	15	35	33	13	7
Nebraska	188	153	2	67	36	31	56	53	21	12
Nevada	140	113	(z)	50	30	22	47	41	17	8
New Hampshire	138	112	1	50	26	21	44	41	16	9
New Jersey	908	744	8	387	170	145	215	204	105	45
New Mexico	162	131	1	58	31	23	55	49	16	14
New York	1,896	1,544	19	801	334	295	442	429	207	114
North Carolina	657	533	4	244	126	102	203	182	68	45
North Dakota	68	54	1	22	12	11	21	21	8	5
Ohio	1,364	1,104	11	524	234	204	380	365	151	91
Oklahoma	396	324	4	146	75	57	128	117	41	25
Oregon	402	327	4	142	65	51	137	130	44	26
Pennsylvania	1,571	1,288	13	665	275	234	392	376	175	87
Rhode Island	124	103	1	54	23	18	33	30	12	7
South Carolina	350	280	2	126	69	52	116	100	36	28
South Dakota	79	64	1	28	16	14	22	21	9	6
Tennessee	544	438	4	197	98	81	170	156	59	38
Texas	1,734	1,398	12	613	327	249	586	523	185	125
Utah	155	127	1	54	28	23	51	48	17	9
Vermont	64	51	1	22	12	10	20	19	8	5
Virginia	655	536	4	239	144	102	227	191	67	42
Washington	631	512	5	210	121	89	230	207	71	40
West Virginia	242	197	2	93	42	35	72	67	26	15
Wisconsin	569	455	7	202	99	88	163	158	72	35
Wyoming	68	55	1	19	11	10	27	26	8	5
Puerto Rico	127	101	1	31	37	33	37	35	12	13

X Not applicable. Z Fewer than 500. [1] Beginning 1980, includes peacetime veterans not shown separately, who served only between World War I and World War II, and those who served only between World War II and the Korean Conflict. [2] Veterans who served in both World War II and the Korean Conflict, or in both the Korean Conflict and the Vietnam era, are counted only once. [3] Includes 1,022,000 who served in both World War II and the Korean Conflict. [4] Includes 647,000 who served in both the Korean Conflict and the Vietnam era. [5] Service only after May 7, 1975. [6] There are also 21 living Spanish-American War veterans whose median age is 102 years, and 80 living Mexican Border conflict veterans.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

NO. 583. LIVING VETERANS, BY AGE AND PERIOD OF SERVICE: 1984

[**In thousands, except as indicated.** As of **Sept. 30.** Estimated. Includes Puerto Rico. See headnote table 582. See *Historical Statistics, Colonial Times to 1970,* series Y 943-956, for all veterans]

AGE IN 1982	Total veterans	World War I	World War II [1]	KOREA			Peacetime service between Korea and Vietnam only	VIETNAM			Post-Vietnam era peacetime [3]	Other peacetime [4]
				Total [1 2]	Only in Korea	Also in WW II		Total [2]	Only in Vietnam	Also in Korea		
All ages	[5] **28,027**	**250**	**10,700**	**5,237**	**4,215**	**1,022**	**3,037**	**8,263**	**7,616**	**647**	**1,803**	**405**
Under 24 years	446	-	-	-	-	-	-	-	-	-	446	-
25-29 years	1,419	-	-	-	-	-	-	470	470	-	949	-
30-34 years	2,041	-	-	-	-	-	-	1,749	1,749	-	292	-
35-39 years	3,515	-	-	-	-	-	72	3,381	3,381	-	63	-
40-44 years	2,574	-	-	-	-	-	977	1,571	1,571	-	26	-
45-49 years	2,597	-	-	605	605	-	1,556	431	351	80	18	8
50-59 years	7,034	-	2,832	3,949	3,531	418	418	479	87	392	9	157
60 years and over	8,461	250	7,868	684	80	604	15	182	7	175	-	242
Median age (yr.) [6]	52.3	88.3	63.3	53.9	53.0	61.3	46.4	37.7	37.3	55.4	27.1	65.2

- Represents zero. [1] Includes 1,022,000 who served in both WW II and Korean Conflict. [2] Includes 647,000 who served in both the Korean Conflict and the Vietnam Era. [3] Service only after May 7, 1975. [4] Includes those who served only between World War I and World War II, and those who served only between World War II and the Korean Conflict. [5] There are also 21 living Spanish-American War veterans whose median age is 102 years, and 80 living Mexican Border Conflict veterans. [6] Computed from data by single year of age.

NO. 584. DISABLED VETERANS RECEIVING COMPENSATION: 1960 TO 1984

[**In thousands, except as indicated.** As of **June 30** except, beginning **1978,** as of **Sept. 30.** Represents veterans receiving compensation for service-connected disabilities. Totally disabled refers to veterans with any disability, mental or physical, deemed to be total and permanent which prevents the individual from maintaining a livelihood and are rated for disability at 100 percent]

MILITARY SERVICE	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984
Disabled, all periods [1]	**2,027**	**1,993**	**2,092**	**2,220**	**2,259**	**2,266**	**2,274**	**2,279**	**2,275**	**2,263**	**2,251**
Expenditures (mil. dol.)	1,577	1,705	2,393	3,797	5,077	5,554	6,104	6,939	7,594	8,007	8,041
Peace-time	103	161	185	194	222	240	262	284	302	319	335
World War I [1]	173	120	85	55	38	34	30	25	22	18	15
World War II	1,544	1,486	1,416	1,309	1,241	1,218	1,193	1,168	1,140	1,111	1,080
Korea	206	225	239	240	239	237	236	234	231	229	226
Vietnam	(x)	(x)	167	423	519	537	553	568	579	587	595
Totally disabled, all periods [1]	**110**	**110**	**124**	**123**	**122**	**121**	**121**	**135**	**138**	**139**	**137**
Peace-time	11	16	16	16	18	19	20	23	24	25	25
World War I [1]	23	16	11	6	4	3	3	2	2	2	1
World War II	61	63	63	58	54	53	51	56	57	58	56
Korea	15	15	16	16	16	16	16	18	18	17	17
Vietnam	(x)	(x)	18	26	30	30	31	36	37	37	38

X Not applicable. [1] Includes Spanish-American War and Mexican Border service, not shown separately.

Source of tables 583 and 584: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs,* and unpublished data.

NO. 585. VIETNAM-ERA VETERANS—LENGTH OF SERVICE: 1965 TO 1982

[For definition of median, see Guide to Tabular Presentation]

FISCAL YEAR	Servicemen discharged (1,000)	VETERANS (1,000) WITH LENGTH OF SERVICE—				Median months of service	VETERANS WITH SERVICE IN VIETNAM	
		Less than 24 mo.	24-35 months	36-47 months	48 months or more		Number (1,000)	Percent of total
1965-1982, prel	**9,776**	**2,322**	**2,410**	**1,995**	**3,049**	(NA)	**3,169**	**32.4**
1965-1966	1,046	181	271	256	338	39.3	56	5.4
1967	576	104	146	129	197	39.5	144	25.0
1968	788	143	324	114	207	33.3	321	40.7
1969	972	240	308	226	198	33.6	485	49.9
1970	1,043	314	270	256	203	33.2	560	53.6
1971	995	340	249	204	202	31.6	504	50.7
1972	870	346	213	131	180	29.0	300	34.5
1973	614	181	121	107	205	36.5	179	29.1
1974	567	154	103	109	201	38.9	135	23.8
1975	543	170	100	99	174	36.2	86	15.8
1976	432	104	103	93	132	36.1	60	13.9
1977 [1]	536	45	147	134	210	42.8	64	11.9
1978	297	-	55	79	163	50.2	78	26.3
1979-1982	497	-	-	58	439	(NA)	197	39.6

- Represents zero. NA Not available. [1] Includes transition quarter, July-Sept. 1976.

Source: U.S. Veterans Administration, *Data on Vietnam Era Veterans,* annual.

NO. 586. VETERANS BENEFITS—EXPENDITURES FROM APPROPRIATED FUNDS, BY WAR: TOTAL AND 1940 TO 1982

[**In millions of dollars.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Refers to expenditures of Veterans Administration and predecessor agencies. See also *Historical Statistics, Colonial Times to 1970,* series Y 971-983]

PERIOD OR YEAR	Total, all wars	Mexican War and Indian Wars	Civil War	Spanish-American War	World War I	World War II	Korean Conflict [1]	Service between Korea and Vietnam only	Vietnam [2]	Peacetime
Total	[3] **361,896**	**191**	**8,574**	**5,852**	**67,294**	**167,953**	**31,368**	**10,236**	**57,164**	**13,145**
To 1939	[3] 18,914	147	8,356	1,537	8,557	(X)	(X)	(X)	(X)	198
1940-1944	3,016	14	102	663	1,840	281	(X)	(X)	(X)	116
1945-1949	27,139	11	49	798	2,783	23,317	(X)	(X)	(X)	181
1950-1954	25,564	7	28	821	4,638	18,878	823	(X)	(X)	369
1955-1959	24,723	5	15	696	6,835	10,956	5,674	(X)	(X)	542
1960-1964	28,466	2	13	528	9,365	13,421	4,142	(X)	(X)	995
1965-1969	34,673	(Z)	6	334	9,646	16,732	3,656	1,569	1,331	1,399
1970-1974	57,154	3	5	229	9,584	23,474	4,707	3,496	13,676	1,980
1975-1979	98,085	2	(Z)	192	10,256	40,397	8,013	4,029	30,805	4,391
1970	8,905	(Z)	1	54	1,944	3,881	898	481	1,328	318
1971	10,240	(Z)	1	51	1,917	4,317	865	648	2,083	358
1972	11,314	1	1	45	1,980	4,699	905	728	2,571	384
1973	12,817	1	1	40	1,908	5,138	988	791	3,535	415
1974	13,878	1	1	39	1,835	5,439	1,051	848	4,159	505
1975	16,419	1	(Z)	38	1,897	6,196	1,219	1,089	5,392	587
1976	18,798	1	(Z)	39	1,861	7,024	1,378	1,246	6,509	740
1977 [4]	23,063	(Z)	(Z)	45	2,401	9,616	1,900	617	7,447	1,037
1978	19,529	(Z)	(Z)	35	2,001	8,421	1,686	532	5,902	952
1979	20,276	(Z)	(Z)	35	2,096	9,140	1,830	545	5,555	1,075
1980	21,299	(Z)	(Z)	36	2,063	9,841	2,044	614	5,463	1,238
1981	22,863	(Z)	(Z)	18	1,727	10,656	2,309	528	5,889	1,736
1982	24,356	(Z)	(Z)	18	1,653	11,469	2,596	568	6,085	1,966

X Not applicable. Z Less than $500,000. [1] June 27, 1950 to Jan. 31, 1955. [2] Service from Aug. 5, 1964, to May 7, 1975. [3] Includes $70 million for the Revolutionary War and $49 million for the War of 1812. [4] 15 months ending Sept 30.

Source: U.S. Veterans Administration, unpublished data.

NO. 587. VETERANS COMPENSATION AND PENSION BENEFITS—NUMBER ON ROLLS AND AVERAGE PAYMENT, BY PERIOD OF SERVICE AND STATUS: 1980 TO 1984

[As of **Sept. 30.** Living refers to veterans receiving compensation for disability incurred or aggravated while on active duty and war veterans receiving pension and benefits for nonservice connected disabilities. Deceased refers to deceased veterans whose dependents were receiving pensions and compensation benefits. See also *Historical Statistics, Colonial Times to 1970,* series Y 998-999]

PERIOD OF SERVICE AND VETERAN STATUS	VETERANS ON ROLLS (1,000)					AVERAGE PAYMENT (annual basis) [1]				
	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
Total	**4,646**	**4,535**	**4,407**	**4,286**	**4,123**	**$2,370**	**$2,696**	**$2,981**	**$3,197**	**$3,335**
Living veterans	3,195	3,154	3,099	3,044	2,980	2,600	2,955	3,244	3,450	3,534
Service connected	2,273	2,279	2,275	2,263	2,251	2,669	3,044	3,339	3,538	3,573
Nonservice connected	922	875	824	781	730	2,428	2,721	2,982	3,193	3,416
Deceased veterans	1,451	1,381	1,308	1,242	1,143	1,863	2,104	2,356	2,576	2,813
Service connected	358	355	350	346	342	3,801	4,324	4,859	5,276	5,471
Nonservice connected	1,093	1,026	957	896	801	1,228	1,336	1,440	1,533	1,680
Prior to World War I	14	12	11	9	8	1,432	1,530	1,624	1,685	1,777
Living	(Z)	(Z)	(Z)	(Z)	(Z)	2,634	3,295	3,183	3,440	4,031
Deceased	14	12	11	9	8	1,403	1,495	1,596	1,658	1,749
World War I	592	630	571	515	435	1,683	1,841	1,981	2,077	2,276
Living	198	167	139	114	87	2,669	3,035	3,336	3,568	4,009
Deceased	494	463	432	401	348	1,288	1,412	1,547	1,653	1,841
World War II	2,520	2,442	2,353	2,273	2,180	2,307	2,606	2,866	3,061	3,172
Living	1,849	1,801	1,745	1,691	1,631	2,462	2,792	3,057	3,246	3,331
Deceased	671	641	608	582	549	1,880	2,085	2,321	2,523	2,697
Korean conflict [2]	446	438	428	419	407	2,691	3,107	3,466	3,742	3,918
Living	317	317	315	313	311	2,977	3,407	3,764	4,013	4,119
Deceased	129	121	113	105	96	1,990	2,322	2,630	2,933	3,265
Peace-time	312	334	353	370	387	3,080	3,437	3,729	3,901	3,895
Living	262	284	302	319	335	2,828	3,141	3,398	3,545	3,528
Deceased	50	50	51	51	52	4,399	5,102	5,697	6,118	6,265
Vietnam era [3]	662	679	691	700	707	2,795	3,200	3,532	3,783	3,864
Living	569	586	598	607	616	2,709	3,098	3,417	3,654	3,714
Deceased	93	93	93	93	91	3,324	3,836	4,273	4,621	4,880

Z Fewer than 500. [1] Averages calculated by multiplying average monthly payment by 12. [2] Service during period June 27, 1950, to Jan. 31, 1955. [3] Service from Aug. 5, 1964, to May 7, 1975.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs,* and unpublished data.

No. 588. Veterans Benefits—Expenditures, by Program: 1970 to 1984

[**In millions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** All data are on an accrued expenditure basis]

PROGRAM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total [1]	**10,201**	**18,003**	**20,285**	**20,937**	**22,178**	**23,187**	**25,203**	**26,937**	**28,196**	**28,854**
Compensation and pensions [2]	5,330	7,551	9,038	9,630	10,540	11,257	12,492	13,348	13,881	13,942
Educational assistance and readjustment benefits	1,047	4,529	3,891	3,337	2,800	2,383	2,333	2,001	1,678	1,403
Post-Korean veterans education [3]	939	4,165	3,567	3,027	2,450	2,068	1,968	1,474	1,394	1,148
Dependents' educational assistance	52	163	202	217	204	194	205	197	172	154
Vocational rehabilitation	42	73	101	100	96	88	114	117	118	110
Automobiles, etc., for disabled veterans	6	17	13	14	12	12	12	12	13	13
Grants for special adaptive housing	8	14	14	14	23	19	16	17	14	13
Changes in receivables	1	97	−6	−35	15	2	14	180	−32	−35
Medical services and administ. expenses	[4] 2,009	3,919	5,073	5,684	6,206	6,647	7,199	8,009	8,722	9,123
Hospital and domiciliary construction [5]	75	136	262	288	293	342	456	481	458	486
Insurance and indemnities	1,181	1,345	1,028	1,009	1,433	1,637	1,693	1,701	1,694	1,750
Loan guaranty revolving fund	249	423	521	514	453	445	553	825	1,187	1,511
Direct loans	180	84	97	73	57	49	19	10	8	8
Miscellaneous expenditures	131	17	374	402	396	427	459	562	567	629

[1] Excludes expenditures from personal funds of patients. Includes expenditures from VA Revolving Supply Fund and insurance trust funds. [2] Includes expenditures for statutory burial awards, special clothing allowance, mortgage life insurance, invalid lifts, headstones and markers, and other expenses. [3] Includes post-Vietnam veterans. [4] Includes National Cancer Institute expenditures (transfer to Veterans Administration). [5] Includes construction grants for State extended care facilities. 1975 and later years include expenditures for health manpower training facilities.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 589. Veterans Benefits—Selected Federal Expenditures, States and Other Areas: 1984

[**In millions of dollars.** Year ending **Sept. 30.** State data are estimates. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	Total expenditures [1]	Compensation and pensions [2]	Education and training [3]	Medical services	Insurance and indemnities
Total	**26,349**	**13,804**	**1,296**	**9,282**	**1,437**
U.S.	**25,802**	**13,402**	**1,267**	**9,180**	**1,430**
Region:					
Northeast	5,160	2,821	184	1,822	346
Midwest	5,535	2,746	260	2,092	324
South	10,442	5,636	525	3,563	479
West	4,665	2,199	298	1,703	281
N. Eng	**1,445**	**854**	**60**	**518**	**87**
ME	63	98	9	45	7
NH	116	72	7	29	6
VT	77	39	2	29	2
MA	802	449	25	276	42
RI	132	75	6	43	7
CT	255	121	11	96	23
Mid. Atl	**3,715**	**1,967**	**124**	**1,304**	**259**
NY	1,872	931	53	740	119
NJ	590	350	20	153	53
PA	1,253	686	51	411	87
E. No. Cent	**3,555**	**1,816**	**165**	**1,294**	**219**
OH	999	548	40	327	62
IN	423	235	26	130	26
IL	943	384	42	440	60
MI	713	408	37	217	41
WI	477	241	20	180	30
W. No. Cent	**1,980**	**930**	**95**	**798**	**105**
MN	462	218	26	166	31
IA	276	131	10	118	13
MO	596	302	28	228	26
ND	68	31	4	27	4
SD	129	49	5	68	4
NE	181	81	9	78	9
KS	268	118	13	113	18
So. Atl	**5,433**	**2,791**	**280**	**1,989**	**265**
DE	69	29	3	32	3
MD	395	224	24	110	33

DIVISION AND STATE OR OTHER AREA	Total expenditures [1]	Compensation and pensions [2]	Education and training [3]	Medical services	Insurance and indemnities
So. Atl—Con.					
DC	747	37	2	663	4
VA	699	396	51	205	35
WV	300	160	14	112	10
NC	711	437	59	184	23
SC	350	198	32	96	20
GA	679	413	35	191	31
FL	1,483	897	60	396	106
E. So. Cent	**1,980**	**1,126**	**104**	**626**	**77**
KY	425	258	22	121	18
TN	648	342	32	233	22
AL	524	291	37	162	22
MS	383	235	13	110	15
W. So. Cent	**3,029**	**1,719**	**141**	**948**	**137**
AR	437	245	17	155	14
LA	476	255	20	152	19
OK	450	299	19	105	16
TX	1,666	920	85	536	88
Mt	**1,354**	**632**	**80**	**498**	**73**
MT	88	49	5	27	5
ID	91	53	6	25	3
WY	62	24	3	31	3
CO	342	155	24	121	18
NM	192	95	10	53	9
AZ	344	155	18	140	22
UT	138	56	9	63	7
NV	97	45	5	38	6
Pac	**3,311**	**1,567**	**218**	**1,205**	**208**
WA	495	252	39	149	26
OR	361	170	19	123	14
CA	2,324	1,089	148	882	157
AK	52	14	3	33	2
HI	79	42	9	18	9
PR	341	218	17	100	2
Outlying areas	6	5	1	-	-
Foreign	200	179	11	2	5

– Represents zero. [1] Includes expenditures not shown separately. Excludes $2,231 million, shown in table 588 for expenditures not distributed by States. [2] Excludes statutory burial awards and other expenses which are included in table 588. [3] Educational assistance for wives and widows, sons and daughters of deceased or totally disabled veterans, and post-Korean conflict veterans. Excludes benefits paid to disabled veterans training under the vocational rehabilitation program.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 590. Veterans Administration Health Care Summary: 1980 to 1984

[For years ending **Sept. 30**]

ITEM	Unit	1980	1983	1984	ITEM	Unit	1980	1983	1984
Facilities operating:					Inpatients treated [4]	1,000	1,359	1,401	1,411
Hospitals	Number	172	172	172	VA facilities	1,000	1,275	1,311	1,320
Domiciliaries	Number	16	16	16	Other facilities	1,000	84	90	92
Outpatient clinics	Number	226	226	226	Average daily inpatients [5]	1,000	105	104	102
Nursing home units	Number	92	99	103	VA facilities	1,000	84	81	78
Employment [1]	1,000	194	197	199	Other facilities	1,000	21	23	24
Obligations [2]	Mil. dol	6,215	8,053	8,582	Outpatient medical visits	Million	18.0	18.5	18.6
Medical care	Mil. dol	5,972	7,817	8,301	VA staff	Million	15.8	16.6	16.9
Research in health care	Mil. dol	138	161	190	Fee-basis	Million	2.2	1.9	1.7
Prescriptions dispensed	Million	36.7	42.7	42.9	Outpatient dental care:				
Laboratory procedures	Million	215	[3] 253	166.6	VA staff-exams	1,000	157.6	(NA)	(NA)
Radiology examinations	Million	5.7	5.5	5.4	VA cases completed	1,000	143.3	(NA)	(NA)
					Fee-basis authorized	1,000	109.8	(NA)	(NA)

NA Not available. [1] Net full-time equivalent. [2] 1980, cost-basis; thereafter, obligation-basis. Includes other obligations not shown separately. [3] Estimated. [4] Based on the number of discharges and deaths during the fiscal year, plus the number on the rolls (bed occupants and patients on authorized leave of absence) at the end of the fiscal year. Excludes interhospital transfers. [5] Patients receiving hospital care, or nursing bed care.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*, and *Directory of VA Facilities*.

No. 591. Veterans Assistance to Persons in Education and Training Programs: 1975 to 1984

[**In thousands.** For years ending **June 30,** except, beginning **1977,** as of **Sept. 30.** Represents persons in training during year]

PROGRAM	1975	1977	1978	1979	1980	1981	1982	1983	1984
Post-Korea Education Assistance [1]	2,692	1,938	1,522	1,279	1,107	949	778	644	528
Institutions of higher education	1,693	1,380	1,144	968	842	736	620	517	421
Resident schools other than college	420	314	211	175	149	122	98	88	78
Correspondence schools	387	132	73	51	42	35	21	13	10
On-the-job training	192	112	94	84	74	55	38	25	19
Children's Educational Assistance	71.4	88.2	88.3	85.7	82.6	82.6	80.3	70.9	63.6
Institutions of higher education	64.7	80.3	80.4	77.9	75.5	74.6	72.1	63.7	57.1
Schools other than college	6.3	7.4	7.3	7.2	6.5	7.5	7.8	7.0	6.2
Special restorative training	.1	.1	.1	.1	.1	.1	(Z)	(Z)	.1
On-the-job training	.4	.5	.5	.5	.5	.4	.3	.2	.2
Spouses, Widows/Widowers Educational Assistance Program	16.5	19.5	19.4	17.3	13.0	11.9	10.6	8.8	7.6
Institutions of higher education	12.2	15.5	15.6	14.0	10.8	10.1	9.0	7.5	6.5
Schools other than college	4.3	4.0	3.8	3.2	2.2	1.8	1.6	1.3	1.1
On-the-job training [2]	.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Vocational Rehabilitation Program for Disabled Veterans	[3] 24.8	33.2	31.0	29.5	25.5	29.8	30.9	30.6	[4] 29.0
Institutions of higher education	18.5	25.0	23.2	21.7	18.9	21.7	22.1	21.9	19.9
Schools other than college	4.9	7.0	6.5	6.5	5.6	7.0	7.5	7.5	5.2
On-the-job training	1.3	1.0	1.2	1.1	1.0	1.0	.9	.8	.5
Institutional on-farm	.2	.2	.2	.1	.1	.1	.1	.1	.1

- Represents zero. Z Fewer than 50. [1] Includes some Post-Vietnam veterans. [2] Includes special restorative training. [3] Estimated. [4] Includes 3,300 with type of training unknown.

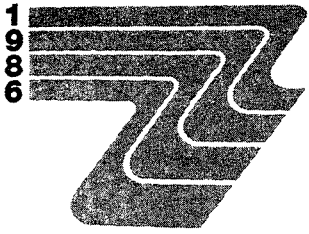
Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 592. Veterans Guaranteed and Insured Loans: 1970 to 1984

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes mobile home loans. See section 28 for VA loan characteristics]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Number of loans	1,000	186.2	290.2	326.7	382.6	380.9	364.6	297.4	187.6	103.4	245.1	251.6
Home	1,000	186.2	288.2	325.0	379.8	376.6	357.8	289.2	178.2	92.9	231.6	238.5
Amount of loans	Mil. dol	3,683	8,091	9,951	13,136	14,608	16,043	14,815	10,008	5,542	14,670	15,612
Home	Mil. dol	3,682	8,072	9,930	13,099	14,548	16,926	14,653	9,822	5,332	14,389	15,333
Guaranty and insurance	Mil. dol	1,971	3,702	4,878	5,951	6,116	7,342	6,370	4,248	2,292	5,736	6,034
Home	Mil. dol	1,971	3,096	4,872	5,933	6,086	7,284	6,289	4,155	2,187	5,596	5,895

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*



Section 13

Social Insurance and Human Services

This section presents data related to governmental expenditures for social welfare; governmental programs for old-age, survivors, disability, and health insurance (OASDHI); governmental and railroad employee retirement; Individual Retirement Account, Keogh account and private pension plans; government unemployment and temporary disability insurance; Federal supplemental security income payments and aid to the needy; and child and other welfare services. Also included here are selected data on workers' compensation, including black lung benefits; vocational rehabilitation; the American Red Cross; United Way campaign; and philanthropic trusts and foundations.

The principal source for these data is the Department of Health and Human Services' (HHS) monthly *Social Security Bulletin* which presents current data on many of the programs and summary data in annual statistical supplements. Current data on employment security are published monthly in the Department of Labor's *Unemployment Insurance Statistics.* Data on the Medicare and Medicaid programs appear periodically in the Health Care Financing Administration's *Health Care Financing Review* (quarterly), *Health Care Financing Notes,* and *Health Care Financing Program Statistics.* Statistics on aid to families with dependent children (AFDC) are presented in the U.S. Social Security Administration's monthly publication, *Public Assistance Statistics.*

Social insurance under the Social Security Act.—Programs established by the Social Security Act provide protection against wage loss resulting from retirement, prolonged disability, death, or unemployment, and protection against the cost of medical care during old age and disability. The Federal OASDHI program provides monthly cash benefits to retired or disabled insured workers and their dependents and to survivors of insured workers. To be eligible, a worker must have had a specified period of employment in which OASDHI taxes were paid. A worker becomes eligible for full benefits at age 65, although reduced benefits may be obtained up to 3 years earlier; the worker's spouse is under the same limitations. Survivor benefits are payable to dependents of deceased insured workers. Disability benefits are payable to an insured worker under age 65 with a prolonged disability and to the disabled worker's dependents on the same basis as dependents of retired workers. Also, disability benefits are provided at age 50 to the disabled widow or widower of a deceased worker who was fully insured at the time of death. A lump sum benefit is generally payable on the death of an insured worker to a spouse or minor children.

Since July 1966, the Federal "Medicare" program has provided two coordinated plans for nearly all people age 65 and over: (1) A hospital insurance plan which covers hospital and related services and (2) a voluntary supplementary medical insurance plan, financed partially by monthly premiums paid by participants, which partly covers physicians' and related medical services. Since July 1973, such insurance also applies to disabled beneficiaries of any age after 24 months of eligibility and to persons with chronic kidney disease.

Retirement, survivors, disability, and hospital insurance benefits are funded by a payroll tax on annual earnings (up to a maximum of earnings set by law) of workers, employers, and the self-employed. The maximum taxable earnings are adjusted periodically through Federal legislation to reflect increasing income levels (see table 609). Tax receipts and benefit payments are administered through Federal trust funds. Special benefits for uninsured persons; hospital benefits for persons 65 and over with specified amounts of Social Security coverage less than that required for cash benefit eligibility; and that part of the cost of supplementary medical insurance not financed by contributions from participants are financed from Federal general revenues.

Unemployment insurance is presently administered by the U.S. Employment and Training Administration and each State's employment security agency. By agreement with the U.S. Secretary of Labor, State agencies also administer unemployment compensation for eligible ex-servicemembers and Federal employees, unemployment assistance under the Disaster Relief Act of 1970, workers assistance and relocation allowances under the Trade Act, and, until 1975, direct aid (training and related cash allowances) under Federal manpower acts.

Under State unemployment insurance laws, benefits related to the individual's past earnings are paid to unemployed eligible workers. State laws vary concerning the length of time benefits are paid and their amount. In most States, benefits are payable for 26 weeks and, during periods of high unemployment, extended benefits are payable under a Federal-State program to those who

have exhausted their regular State benefits. The basic benefit can vary among States by over 100 percent. Some States also supplement the basic benefit with allowances for dependents.

Unemployment insurance is funded by a Federal unemployment tax levied on the taxable payrolls of most employers. Taxable payroll under the Federal Act and most State laws is the first $7,000 in wages paid each worker during a year. Employers are allowed a credit of 2.7 percent of taxable payroll for contributions paid to States under State unemployment insurance laws. The remaining percent of the Federal tax finances administrative costs, the Federal share of extended benefits, and advances to States. About 97 percent of wage and salary workers are covered by unemployment insurance.

Social insurance for Government employees.—The civil service retirement program is the major system providing age and service, disability, and survivor annuities for Federal civilian employees. The employee contribution rate is 7 percent of total base pay; the Federal Government contributes the remainder of the cost. In addition, there are separate retirement systems for the uniformed services (supplementing OASDHI) and for a few special groups of Federal civilian employees. All Federal employees hired after January 1, 1984 are also covered under the OASDHI program.

State and local government employees are covered for the most part by State and local retirement systems similar to the Federal civil service retirement system. In many jurisdictions these benefits supplement OASDHI coverage.

Workers' compensation.—All States provide protection against work-connected injuries and deaths, although some States exclude certain workers (e.g., domestic help). Federal laws cover Federal employees, private employees in the District of Columbia, and longshoremen and harbor workers. In addition, the Social Security Administration and the Department of Labor administer a "black lung" benefits program for coal miners disabled by pneumoconiosis and for specified dependents and survivors. Specified occupational diseases are compensable to some extent. In most States, benefits are related to the worker's salary. The benefits may or may not be augmented by dependents' allowances or automatically adjusted to prevailing wage levels.

Public aid.—State-administered public assistance programs (Aid to Families with Dependent Children (AFDC), emergency assistance and general assistance) and the Federal Supplemental Security Income (SSI) program administered by the Social Security Administration provide benefits to persons who qualify. AFDC and emergency assistance are in part federally funded while the costs of general assistance are met entirely with State and local funds.

The SSI program replaced Federal grants for aid to the aged, blind and disabled in the 50 States and the District of Columbia in 1974. Residents of the Northern Mariana Islands became eligible in 1978. Federal grants continue for aid to the aged, blind and disabled in Guam, Puerto Rico and the Virgin Islands. The SSI program provides a minimum income for the aged, blind and disabled and establishes uniform national basic eligibility requirements and payment standards. Most States supplement the basic SSI payment.

Health and welfare services.—Programs providing health and welfare services are aided through Federal grants to States for child welfare services, vocational rehabilitation, activities for the aged, maternal and child health services, maternity and infant care projects, comprehensive health services, and a variety of public health activities.

Under Medicaid, all States (except Arizona) offer basic health services to eligible low-income persons. The cost of providing these services is shared by the Federal Government, but each State determines its own eligibility criteria and may set benefits above the minimum established by Federal law. Almost all recipients of cash welfare programs are automatically eligible. In addition, 29 States extend Medicaid to families that satisfy all but the income requirements for welfare and that either have incomes which meet State definitions of "medically needy" or incur medical expenses which lower their incomes to medically needy levels.

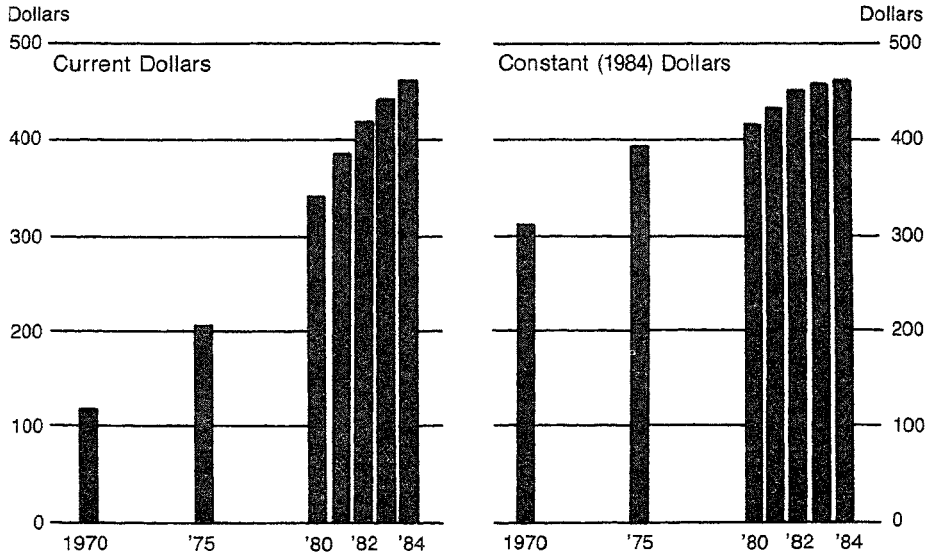
Noncash benefits.—The Bureau of the Census annually collects data on the characteristics of recipients of noncash (in-kind) benefits to supplement the collection of annual money income data in the Current Population Survey (see text, pp. 1 and 2 and Section 15). Noncash benefits are those benefits received in a form other than money which serve to enhance or improve the economic well-being of the recipient. A means-tested benefit program requires that the household's income and/or assets fall below specified guidelines in order to qualify for benefits. As for money income, the data for noncash benefits are for the calendar year prior to the date of the interview and are reported in the *Current Population Reports,* series P-60. The two major categories of noncash benefits covered are public transfers and employer or union-provided benefits to employees.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to HHS and Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

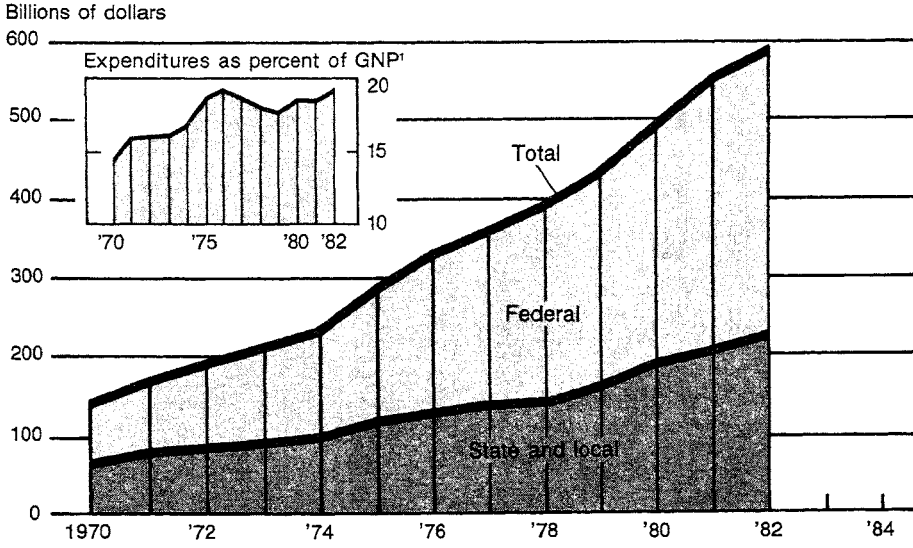
Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986.* For cross-references, see Appendix VI.

Figure 13.1
Social Security—Average Monthly Benefit Payments to Retired Workers: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 611.

Figure 13.2
Social Welfare Expenditures Under Public Programs: 1970 to 1982



¹GNP=Gross national product.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 595.

NO. 593. SOCIAL WELFARE EXPENDITURES UNDER PUBLIC PROGRAMS: 1960 TO 1983

[**In millions of dollars, except percent.** For fiscal years ending in year shown. Fiscal years for Federal Government (through 1976), most States, and some localities, ended **June 30.** Beginning 1977, Federal Government fiscal year ended **Sept 30.** Represents outlays from trust funds (mostly social insurance funds built up by earmarked contributions from insured persons, their employers, or both) and budgetary outlays from general revenues. Includes administrative expenditures, capital outlay, and some expenditures and payments outside U.S. See table 594 for program detail. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series H 1-47, for related but not comparable data]

YEAR	SOCIAL WELFARE OUTLAYS			Social insurance	Public aid	Health and medical programs [1]	Veterans programs	Education	Housing	Other social welfare	All health and medical care [2]
	Total	Average annual percent change	Percent from non-trust funds								
	TOTAL										
1960	52,293	[3] 9.9	65.5	19,307	4,101	4,464	5,479	17,626	177	1,139	6,395
1965	77,175	8.1	65.9	28,123	6,283	6,246	6,031	28,108	318	2,066	9,535
1970	145,856	13.6	64.8	54,691	16,488	9,907	9,078	50,845	701	4,145	25,391
1973	213,942	13.6	62.7	86,166	28,691	13,447	13,026	64,734	2,180	5,698	36,668
1974	239,397	11.9	61.2	99,002	31,520	14,953	14,112	70,534	2,554	6,722	41,512
1975	290,084	21.2	60.9	123,013	41,308	17,788	17,019	80,834	3,172	6,947	52,348
1976	331,955	14.4	60.8	145,703	48,693	19,028	18,958	87,730	3,371	8,472	58,978
1977	360,602	8.6	59.2	160,883	53,266	20,129	19,015	93,878	4,358	9,071	67,404
1978	394,377	9.4	58.9	175,090	59,394	22,844	19,744	101,519	5,225	10,563	76,830
1979	430,280	9.1	58.0	194,288	64,662	24,899	20,602	109,262	5,493	11,076	86,757
1980	493,187	14.6	56.8	229,754	71,799	28,310	21,466	121,050	7,210	13,599	100,953
1981	550,841	11.7	54.9	267,395	82,424	30,720	23,441	128,145	6,734	11,983	116,832
1982	595,869	8.2	52.1	303,033	80,852	33,793	24,708	133,874	7,954	11,654	131,514
1983, prel	641,709	7.7	51.4	330,551	85,830	36,918	25,826	141,506	9,090	11,990	144,204
	FEDERAL										
1960	24,957	[3] 11.3	45.9	14,307	2,117	1,737	5,367	868	144	417	2,918
1965	37,712	8.6	45.5	21,807	3,594	2,781	6,011	2,470	238	812	4,625
1970	77,337	15.4	45.1	45,246	9,649	4,775	8,952	5,876	582	2,259	16,600
1973	122,566	16.6	45.9	72,249	18,061	6,698	12,903	7,360	1,750	3,546	24,280
1974	137,191	11.9	44.4	82,832	20,388	7,145	13,874	7,042	2,009	3,902	27,499
1975	167,426	22.0	45.9	99,715	27,186	8,521	16,570	8,629	2,541	4,264	34,100
1976	197,003	17.7	47.0	119,600	32,527	9,552	18,796	9,023	2,906	4,598	39,937
1977	218,371	10.8	44.5	134,745	35,399	10,150	18,861	9,741	4,006	5,470	46,349
1978	239,753	9.8	43.8	147,365	40,013	11,068	19,570	10,901	4,887	5,949	52,366
1979	263,037	9.7	42.7	163,879	43,722	11,398	20,412	12,108	5,069	6,449	58,696
1980	302,629	15.1	42.4	191,162	48,666	12,701	21,254	13,452	6,608	8,786	68,799
1981	344,066	13.7	40.3	224,574	55,946	13,596	23,229	13,372	6,045	7,304	80,505
1982	367,691	6.9	36.6	250,551	52,485	14,598	24,463	11,917	7,176	6,500	90,776
1983, prel	398,578	8.4	36.1	274,263	55,895	15,637	25,561	12,090	8,087	7,046	100,263
	STATE AND LOCAL										
1960	27,337	[3] 8.7	84.9	4,999	1,984	2,727	112	16,758	33	723	3,478
1965	39,464	7.6	87.1	6,316	2,690	3,466	20	25,638	80	1,254	4,911
1970	68,519	11.7	88.9	9,446	6,839	5,132	127	44,970	120	1,886	8,791
1973	91,376	10.1	87.2	13,917	10,630	6,749	123	57,374	430	2,152	12,388
1974	102,206	11.9	86.7	16,169	11,133	7,809	239	63,492	545	2,819	14,013
1975	122,654	20.0	83.0	23,298	14,122	9,267	449	72,205	631	2,683	18,248
1976	134,953	10.1	82.8	26,103	16,165	9,477	162	78,706	465	3,874	19,041
1977	142,231	5.4	84.1	26,139	17,867	9,979	155	84,137	353	3,602	21,055
1978	154,624	8.7	84.8	27,723	19,381	11,776	174	90,617	337	4,614	24,464
1979	167,243	8.2	84.8	30,408	20,940	13,500	190	97,154	424	4,628	28,061
1980	190,558	13.9	82.6	38,592	23,133	15,609	212	107,597	601	4,813	32,154
1981	206,774	8.5	82.2	42,621	26,477	17,124	212	114,773	688	4,679	36,327
1982	228,178	10.4	80.2	52,481	28,367	19,195	245	121,957	778	5,154	40,738
1983, prel	243,132	6.6	79.4	56,288	29,935	21,281	265	129,416	1,003	4,944	43,941
	PERCENT OF TOTAL EXPENDITURES, BY TYPE										
1960	100.0	(x)	(x)	36.9	7.8	8.5	10.5	33.7	.3	2.2	12.2
1965	100.0	(x)	(x)	36.4	8.1	8.1	7.8	36.4	.4	2.7	12.4
1970	100.0	(x)	(x)	37.5	11.3	6.8	6.2	34.9	.5	2.8	17.4
1975	100.0	(x)	(x)	42.4	14.2	6.1	5.9	27.9	1.1	2.4	18.0
1980	100.0	(x)	(x)	46.6	14.6	5.7	4.4	24.5	1.5	2.8	20.5
1983, prel	100.0	(x)	(x)	51.5	13.4	5.8	4.0	22.1	1.4	1.9	22.5
	PERCENT FEDERAL OF TOTAL										
1960	47.7	(x)	(x)	74.1	51.6	38.9	98.0	4.9	81.4	36.6	45.6
1965	48.9	(x)	(x)	77.5	57.2	44.5	99.7	8.8	74.8	39.3	48.5
1970	53.0	(x)	(x)	82.7	58.5	48.2	98.6	11.6	83.0	54.5	65.4
1975	57.7	(x)	(x)	81.1	65.8	47.9	97.4	10.7	80.1	61.4	65.1
1980	61.4	(x)	(x)	83.2	67.8	44.9	99.0	11.1	91.7	64.6	68.1
1983, prel	62.1	(x)	(x)	83.0	65.1	42.4	99.0	8.5	89.0	58.8	69.5

X Not applicable. [1] Excludes program parts of social insurance, public aid, veterans, and other social welfare. [2] Combines "Health and medical programs" with medical services included in social insurance, public aid, veterans, vocational rehabilitation, and antipoverty programs. [3] Change from 1955.

Source: U.S. Social Security Administration, *Social Security Bulletin*, December 1984, and earlier and forthcoming issues.

NO. 594. SOCIAL WELFARE EXPENDITURES, BY SOURCE OF FUNDS AND PUBLIC PROGRAM: 1975 TO 1983

[**In millions of dollars.** See headnote, table 593, and *Historical Statistics, Colonial Times to 1970,* series H 1–47, for related but not comparable data]

PROGRAM	1975		1980		1982		1983, prel.	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total	**167,426**	**122,654**	**302,629**	**190,558**	**367,691**	**228,178**	**398,578**	**243,132**
Social insurance	**99,715**	**23,298**	**191,162**	**38,592**	**250,551**	**52,481**	**274,262**	**56,288**
Old-age, survivors, disability, health	78,430	(x)	152,110	(x)	204,568	(x)	224,709	(x)
Health insurance (Medicare)	14,781	(x)	34,992	(x)	50,424	(x)	56,930	(x)
Public employee retirement [1]	13,339	6,780	26,983	12,507	34,402	16,063	36,924	17,914
Railroad employee retirement	3,085	(x)	4,769	(x)	5,766	(x)	6,082	(x)
Unemployment insurance and employment services [2]	3,429	10,407	4,408	13,919	2,635	20,622	3,144	22,206
Other railroad employee insurance [3]	75	(x)	224	(x)	361	(x)	448	(x)
State temporary disability insurance [4]	(x)	990	(x)	1,377	(x)	1,706	(x)	1,738
Workers' compensation [5]	1,357	5,122	2,668	10,789	2,820	14,091	2,956	14,431
Hospital and medical benefits	50	2,420	130	3,596	172	4,538	209	5,009
Public aid	**27,186**	**14,122**	**48,666**	**23,133**	**52,485**	**28,367**	**55,895**	**29,935**
Public assistance [6]	14,529	12,832	23,542	21,346	27,182	26,274	28,796	27,824
Medical vendor payments (Medicaid) [7]	7,056	6,445	14,550	12,844	17,514	16,885	18,828	17,499
Social services	1,963	660	1,757	586	1,926	642	1,881	627
Supplemental security income	4,802	1,290	6,440	1,787	7,659	2,094	8,683	2,111
Food stamps	4,694	(x)	9,083	(x)	10,761	(x)	11,727	(x)
Other [8]	3,162	(x)	9,601	(x)	6,883	(x)	6,689	(x)
Health and medical programs	**8,521**	**9,267**	**12,701**	**15,609**	**14,598**	**19,195**	**15,637**	**21,281**
Hospital and medical care	4,045	5,175	6,446	6,046	7,987	7,032	8,869	7,718
Civilian programs	1,231	5,175	2,387	6,046	2,507	7,032	2,386	7,718
Defense Department [9]	2,814	(x)	4,060	(x)	5,480	(x)	6,483	(x)
Maternal and child health programs	271	296	352	439	357	536	414	595
Medical research	2,642	286	4,414	436	4,820	535	4,984	554
Medical facilities construction	413	1,391	223	1,934	174	1,963	164	1,913
Defense Department	94	(x)	31	(x)	(NA)	(x)	(NA)	(x)
Other	1,150	2,119	1,266	6,754	1,261	9,130	1,206	10,501
Veterans programs	**16,570**	**449**	**21,254**	**212**	**24,463**	**245**	**25,561**	**265**
Pensions and compensation	7,579	(x)	11,306	(x)	13,302	(x)	13,695	(x)
Health and medical programs	3,517	(x)	6,204	(x)	7,826	(x)	8,388	(x)
Hospital and medical care	3,287	(x)	5,750	(x)	7,210	(x)	7,763	(x)
Hospital construction	137	(x)	323	(x)	480	(x)	474	(x)
Medical and prosthetic research	93	(x)	131	(x)	135	(x)	152	(x)
Education	4,434	(x)	2,401	(x)	1,816	(x)	1,708	(x)
Life insurance [10]	556	(x)	665	(x)	747	(x)	744	(x)
Welfare and other	485	449	679	212	772	245	827	265
Education	**[11] 8,629**	**72,205**	**[11] 13,452**	**107,597**	**[11] 11,917**	**121,957**	**[11] 12,090**	**129,416**
Elementary and secondary	4,563	55,183	7,430	79,720	6,423	90,997	6,140	96,512
Construction [12]	21	5,725	41	6,483	16	6,756	77	7,112
Higher	2,864	13,521	4,468	21,708	4,254	23,900	5,052	25,416
Construction	274	1,239	42	1,486	144	(NA)	85	1,974
Vocational and adult [12]	940	3,501	1,207	6,169	937	7,060	898	7,488
Housing	**2,541**	**631**	**6,608**	**601**	**7,176**	**778**	**8,087**	**1,003**
Other social welfare	**4,264**	**2,683**	**8,786**	**4,813**	**6,500**	**5,154**	**7,046**	**4,944**
Vocational rehabilitation	814	222	1,006	245	918	316	1,008	326
Medical services and research	174	44	237	56	242	68	269	100
Institutional care [13]	20	276	74	408	93	502	107	553
Child nutrition	2,064	454	4,209	643	3,685	805	4,099	882
Child welfare [14]	50	547	57	743	160	(NA)	160	(NA)
Special CSA and ACTION programs [15]	638	(x)	2,303	(x)	522	(x)	475	(x)
Welfare, not elsewhere classified [16]	677	1,184	1,137	2,774	1,123	3,532	1,197	3,183

NA Not available. X Not applicable. [1] Excludes refunds to those leaving service. Federal data include military retirement. [2] Includes compensation for Federal employees and ex-servicemen, trade adjustment and cash training allowance, and payments under extended, emergency, disaster, and special unemployment insurance programs. [3] Unemployment and temporary disability insurance. [4] Cash and medical benefits in 5 areas. [5] Benefits paid by private insurance carriers, State funds, and self-insurers. Federal includes black lung benefit programs.

[6] Includes payments under State general assistance programs and work incentive activities, not shown separately. [7] Medical vendor payments are those made directly to suppliers of medical care.

[8] Refugee assistance, surplus food for the needy, and work-experience training programs under the Economic Opportunity Act and the Comprehensive Employment and Training Act. [9] Includes medical care for military dependent families. [10] Excludes servicemen's group life insurance. [11] Includes Federal expenditures for administrative costs (Department of Education) and research not shown separately.

[12] Construction costs of vocational and adult education programs included under elementary-secondary expenditures.

[13] Federal expenditures represent primarily surplus foods for nonprofit institutions. [14] Represents primarily child welfare services under title V of the Social Security Act. [15] Includes domestic volunteer programs under ACTION and community action and migrant workers programs under Community Services Administration. [16] Federal expenditures include administrative expenses of the Secretary of Health and Human Services and of the Social and Rehabilitation Service; Indian welfare; and aging and juvenile delinquency activities. State and local include antipoverty and manpower programs, child care and adoption services, legal assistance, and other unspecified welfare services.

Source: U.S. Social Security Administration, *Social Security Bulletin,* Dec. 1984, and forthcoming issue.

No. 595. Social Welfare Expenditures Under Public Programs as Percent of GNP and Total Government Outlays: 1960 to 1982

[See headnote, table 593. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	TOTAL EXPENDITURES				FEDERAL				STATE AND LOCAL GOVERNMENT			
			Percent of—				Percent of—				Percent of—	
	Total (bil. dol.)	Average annual percent change [1]	Total GNP [2]	Total govt. outlays	Total (bil. dol.)	Average annual percent change [1]	Total GNP [2]	Total Federal outlays	Total (bil. dol.)	Average annual percent change [1]	Total GNP [2]	Total State and local govt. outlays
1960	52.3	9.9	10.3	38.4	25.0	11.3	4.9	28.1	27.3	8.7	5.4	60.1
1965	77.2	8.1	11.2	42.2	37.7	8.6	5.5	32.6	39.5	7.6	5.7	60.4
1970	145.9	13.6	14.7	48.2	77.3	15.4	7.8	40.1	68.5	11.7	6.9	64.0
1975	290.1	14.7	18.7	57.4	167.4	16.7	10.8	53.8	122.7	12.4	7.9	63.5
1976	332.1	14.5	19.3	60.3	197.1	17.7	11.5	57.0	135.0	10.1	7.9	65.1
1977	360.6	8.6	18.8	59.4	218.4	10.8	11.4	56.3	142.2	5.4	7.4	64.5
1978	394.6	9.4	18.2	57.8	240.0	9.9	11.1	55.3	154.6	8.7	7.1	64.7
1979	429.8	9.0	17.8	57.8	263.2	9.8	10.9	54.9	166.6	7.7	6.9	63.8
1980	492.5	14.6	18.7	57.6	302.8	15.0	11.5	54.4	189.7	13.9	7.2	64.4
1981, prel	550.5	11.8	18.6	56.9	344.7	13.7	11.6	54.0	205.7	8.4	7.0	63.1
1982, prel	594.4	8.0	19.4	55.7	367.5	6.6	12.0	52.5	227.0	10.3	7.4	62.6

[1] Change from prior year shown; for 1960, change from 1955. [2] Gross national product.

No. 596. Social Welfare Expenditures Under Public Programs, Total and Per Capita, in Actual and 1982 Dollars: 1960 to 1982

[See headnote, table 594. Per capita figures based on U.S. Bureau of the Census estimates of total U.S. population as of **Jan. 1**, including outlying areas, and Armed Forces and Federal civilian employees and dependents abroad]

YEAR	IN ACTUAL DOLLARS								IN **1982** DOLLARS [3]				
		Per capita								Per capita			
	Total [1] (billions)	Total [1 2]	Social insurance	Education	Public aid	Health and medical	Veterans	All health and medical care	Total [1] (billions)	Total [1 2]	Social insurance	Education	Public aid
1960	52.1	285	105	98	22	24	30	35	148.9	815	301	276	64
1965	76.9	391	142	143	32	32	30	48	204.6	1,040	378	380	85
1970	145.5	701	262	245	79	48	43	122	322.6	1,550	580	542	176
1975	289.4	1,326	561	370	189	82	77	240	474.4	2,174	920	607	310
1978	393.7	1,750	775	451	264	103	87	343	541.9	2,409	1,068	621	364
1979	428.8	1,886	851	480	283	110	90	382	541.4	2,381	1,074	606	357
1980	491.4	2,137	995	526	312	120	92	436	563.6	2,450	1,141	603	358
1981, prel	549.2	2,362	1,145	551	355	130	100	499	581.1	2,500	1,212	583	375
1982, prel	593.1	2,527	1,285	570	344	140	104	555	593.1	2,527	1,285	570	344

[1] Excludes payments within foreign countries for education, veterans, OASDHI, and civil service retirement. [2] Includes data for programs not shown separately. [3] Constant dollar figures are based on implicit price deflators for personal consumption expenditures published by U.S. Bureau of Economic Analysis; see table 785.

Source of tables 595 and 596: U.S. Social Security Administration, *Social Security Bulletin*, Dec. 1984, and unpublished data.

No. 597. Public Income-Maintenance Programs—Cash Benefit Payments: 1970 to 1984

[Includes payments outside the United States and benefits to dependents, where applicable]

PROGRAM	PAYMENTS (bil. dol.)										PERCENT		
	1970	**1975**	**1977**	**1978**	**1979**	**1980**	**1981**	**1982**	**1983**	**1984**	**1970**	**1980**	**1982**
Total [1]	**60.5**	**138.6**	**162.3**	**173.2**	**192.9**	**228.5**	**241.3**	**282.6**	(NA)	(NA)	**100.0**	**100.0**	**100.0**
Percent of personal income [2]	7.5	11.0	10.5	10.0	9.9	10.6	9.9	10.9	(NA)	(NA)	(X)	(X)	(X)
OASDHI [3]	31.6	66.6	84.3	92.5	104.0	120.3	128.7	155.7	166.9	175.5	52.2	52.8	55.0
Public employee retirement [4]	9.2	21.3	27.1	30.9	35.1	41.1	46.8	51.8	(NA)	(NA)	15.2	17.8	18.3
Railroad retirement	1.8	3.3	3.8	4.0	4.4	4.9	5.4	5.8	6.0	6.1	2.9	2.1	2.1
Veterans' pensions, compensation	5.5	7.7	9.1	9.6	10.6	11.4	12.5	13.3	13.7	13.8	9.1	5.0	4.7
Unemployment benefits [5]	4.2	18.3	13.4	10.0	10.3	18.9	13.7	21.1	19.2	13.6	7.0	8.3	7.5
Temporary disability benefits	.7	.9	1.0	1.1	1.2	1.4	1.6	1.6	1.6	1.7	1.2	.6	.6
Workers' compensation [6]	2.0	4.6	5.9	6.8	8.5	9.6	10.6	11.3	12.4	13.4	3.3	4.2	4.0
Public assistance [7]	4.9	9.3	10.7	10.7	10.7	12.1	13.2	13.0	13.9	14.7	8.0	5.3	4.6
Supplemental Security Income [7]	(X)	5.9	6.3	6.6	7.2	7.9	8.5	9.0	9.5	10.4	(X)	3.4	3.2

NA Not available. X Not applicable. [1] Includes lump sum death benefits, not shown separately. [2] For base data, see table 733. [3] Old-age, survivors, disability, and health insurance under Federal Social Security Act; see text, p. 351. [4] Excludes refunds of contributions to employees who leave service. [5] Beginning 1981, covers State unemployment insurance, Ex-Servicemen's Compensation Act and railroad unemployment insurance only. [6] Includes black lung benefits. [7] Beginning 1974, Federal grants to States for aid to aged, blind, and disabled replaced by Supplemental Security Income programs; see text, p. 352.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly and unpublished data.

NO. 598. CASH AND NON-CASH BENEFITS FOR PERSONS WITH LIMITED INCOME: 1980 TO 1984

[For years ending **September 30, except as noted.** Programs covered in this table provide cash, goods, or services to persons who make no payment and render no service in return. In case of job and training programs and some educational benefits, recipients must work or study for wages, training allowances, stipends, grants, or loans. Most of the programs base eligibility on individual, household, or family income, but some use group or area income tests; and a few offer help on the basis of presumed need]

PROGRAM	AVERAGE MONTHLY RECIPIENTS (1,000)			EXPENDITURES (mil. dol.)					
				Total [1]			Federal		
	1980	1983	1984	1980	1983	1984	1980	1983	1984
Total	(X)	(X)	(X)	**104,376**	**126,991**	**134,310**	**80,026**	**95,797**	**100,466**
Medical care [2]	(X)	(X)	(X)	32,231	43,371	46,293	19,237	25,083	26,521
Medicaid [3]	[4] 21,735	[4] 22,324	[4] 21,915	25,781	34,956	37,631	14,550	18,985	20,094
Veterans [5]	63	68	68	3,349	4,409	4,712	3,349	4,409	4,712
General assistance	(NA)	(NA)	(NA)	[6] 1,600	[6] 2,000	[6] 1,980	–	–	–
Indian Health Services	[7] 829	[7] 902	[7] 937	549	733	840	549	733	840
Maternal and child health services	(NA)	(NA)	(NA)	326	739	593	214	422	339
Community health centers	[7] 5,000	[7] 4,500	[7] 5,000	325	360	351	325	360	351
Cash aid [2]	(X)	(X)	(X)	29,362	34,746	36,949	19,616	22,957	24,229
A.F.D.C. [3 8]	10,499	10,659	10,868	13,019	15,437	16,069	6,964	8,247	8,583
Supplemental Security Income [3]	4,160	3,926	4,042	8,435	10,101	11,150	[9] 6,365	[9] 8,107	[9] 9,085
Pensions for needy veterans [10]	[11] 3,076	[11] 2,311	[11] 2,102	3,585	3,894	3,874	3,585	3,894	3,874
General assistance	910	[6] 1,275	[6] 1,350	[12] 1,386	[6] 2,201	[6] 2,685	–	–	–
Earned income tax credit	[6] 21,200	[6] 19,100	[6] 18,300	2,033	1,807	1,731	2,033	1,807	1,731
Food benefits [2]	(X)	(X)	(X)	13,472	18,632	19,624	13,015	17,849	18,624
Food stamps [3 13]	21,100	23,000	22,400	9,576	13,343	13,332	9,195	12,731	12,500
School lunch program [14]	[15] 12,200	[15] 11,900	[15] 12,100	2,110	2,418	2,576	[16] 2,110	[16] 2,418	[16] 2,576
Women, infants and children [17]	1,980	2,537	3,044	772	1,160	1,360	772	1,160	1,360
Temporary emergency food assistance	(X)	(NA)	(NA)	(X)	484	1,096	(X)	484	1,096
Nutrition program for elderly [18]	[7] 3,083	[7] 3,800	[7] 3,500	385	552	557	309	381	389
Housing benefits [2]	(X)	(X)	(X)	9,213	12,355	12,724	9,213	12,355	12,724
Lower-income housing asst. (Sec. 8)	[19] 1,153	[19] 1,780	[19] 1,910	2,104	4,995	6,030	2,104	4,995	6,030
Low-rent public housing	[19] 1,192	[19] 1,250	[19] 1,332	2,185	3,206	2,821	2,185	3,206	2,821
Rural housing loans	[20] 82	[20] 52	[20] 44	[21] 2,887	[21] 2,138	[21] 1,844	[21] 2,887	[21] 2,138	[21] 1,844
Rural rental housing loans	[20] 33	[20] 24	[20] 27	[21] 881	[21] 802	[21] 919	[21] 881	[21] 802	[21] 919
Interest reduction payments	[20] 538	[20] 536	[20] 531	656	665	658	656	665	658
Education aid [2]	(X)	(X)	(X)	5,073	8,086	8,864	4,864	7,852	8,622
Pell grants	[22] 2,800	[22] 2,594	[22] 2,853	[23] 2,482	[23] 2,857	[23] 3,112	[23] 2,482	[23] 2,857	[23] 3,112
Guaranteed student loans [24]	(X)	3,039	3,426	(X)	[23] 2,511	[23] 2,963	(X)	[23] 2,511	[23] 2,963
Head Start	376	393	442	920	1,094	1,195	736	912	996
College Work-Study Program	[22] 766	[22] 925	[22] 737	[23] 495	[23] 586	[23] 561	[23] 495	[23] 586	[23] 561
Supplemental Educational Opportunity Grants	[22] 650	[22] 650	[22] 655	[23] 355	[23] 354	[23] 373	[23] 355	[23] 354	[23] 373
Jobs and training [2]	2,215	1,173	2,456	8,706	4,171	4,046	8,625	4,088	3,962
Employment and training services [25]	[26] 361	(NA)	[27] 1,192	2,144	1,759	1,886	2,144	1,759	1,886
Summer youth employment program [25]	[26] 139	121	122	721	824	825	721	824	825
Job Corps [25]	[26] 36	40	41	470	617	599	470	617	599
Senior community service employment program	[28] 52	[28] 63	[28] 62	297	355	353	267	320	317
Work incentive program	[29] 1,037	[29] 1,088	[29] 1,016	406	301	301	365	271	271
Services [2]	(X)	(X)	(X)	4,598	3,469	3,439	3,735	3,469	3,439
Social service (Title 20) [30]	[31] 7,000	(NA)	(NA)	3,648	2,675	2,700	2,785	2,675	2,700
Community services block grant	(X)	(X)	(X)	[32] 557	386	352	[32] 557	386	352
Energy assistance [2]	(X)	(X)	(X)	1,721	2,161	2,373	1,721	2,145	2,346
Low-income energy assistance [3]	[33] 9,700	[33] 8,700	[33] 8,500	1,539	1,975	2,075	1,539	1,975	2,075

– Represents zero. NA Not available. X Not applicable. [1] Includes State and local government expenditures not shown separately. [2] Includes other programs not shown separately. [3] Expenditure data include administrative expenses. [4] Unduplicated annual number. [5] Medical care for veterans with a non-service-connected disability. [6] Estimated. [7] Annual numbers. [8] Aid to Families with Dependent Children program. Excludes data for foster care program. [9] Excludes Federal sums spent for SSI (State supplements) to Indochinese refugees. 12-month equivalent in 1983 and 1984. [10] Includes dependents and survivors. [11] Estimate as of June for 1980 and as of Sept. for other years. [12] Data for Alaska and Vermont were not reported. [13] Beginning 1983, includes Puerto Rico's nutritional assistance program, which replaced food stamp program there in July 1982. [14] Free and reduced-price segments. [15] Estimated daily average. [16] Includes estimate of commodity assistance. [17] Special supplemental food program for women, infants, and children. [18] No income test required but preference given to those with greatest need. [19] Units eligible for payment at end of year. [20] Represents total families or dwelling units during year. [21] Amount of loans obligated. [22] Total numbers for an award year beginning July of year shown.
[23] Appropriation available for school year beginning in the fiscal year named. [24] Program had no income test in 1980.
[25] Programs represent specific titles under the Job Training and Partnership Act (JTPA) and its predecessor, the Comprehensive Employment and Training Act. [26] Average number of job and training slots. [27] Adult and youth training activities under Title II–A of JTPA. [28] Annual number of jobs authorized. [29] New registrants only. [30] Data are unavailable for non-Federal funds spent after FY81, when State funding requirements were repealed. [31] Estimate of annual number of primary recipients.
[32] Predecessor programs under Community Services Administration. [33] Number of households aided during year.

Source: Library of Congress, Congressional Research Service, "Cash and Non-Cash Benefits for Persons With Limited Income: Eligibility Rules, Recipient and Expenditure Data, FY 1982-84," Report No. 85-194 EPW, September 1985; and prior reports.

NO. 599. HOUSEHOLDS RECEIVING MEANS-TESTED NONCASH BENEFITS, 1980 TO 1983, AND BY POVERTY STATUS, 1983

[Households as of **March** of following year. Covers civilian noninstitutional population, including persons in the Armed Forces living off post or with their families on post. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III. Noncash benefits are those benefits received in a form other than money which serve to enhance or improve the economic well-being of the recipient. A means-tested benefit program requires that the household's income and/or assets fall below specified guidelines in order to qualify for benefits. The means-tested noncash benefits covered are food stamps, free or reduced-price school lunches, public or subsidized housing, and Medicaid. There are general trends toward under-estimation of noncash beneficiaries. Households are classified according to poverty status of family or nonfamily householder. For explanation of poverty level, see text, pp. 429 and 430]

TYPE OF BENEFIT RECEIVED	1980, total (1,000)	1981, total (1,000)	1982, total (1,000)	1983			
				Total (1,000)	Below poverty level		Above poverty level (1,000)
					Number (1,000)	Percent distribution	
Total households	**82,368**	**83,527**	**83,918**	**85,407**	**12,484**	**100.0**	**72,923**
Not receiving noncash benefits	68,102	68,976	69,303	70,886	5,134	41.1	65,752
Not receiving cash public assistance	67,743	68,726	69,079	70,645	5,080	40.7	65,565
Receiving cash public assistance [1]	359	250	224	241	54	.4	187
Receiving at least one noncash benefit	14,266	14,551	14,615	14,521	7,350	58.9	7,171
Not receiving cash public assistance	7,860	8,082	8,441	8,123	3,077	24.6	5,046
Receiving cash public assistance [1]	6,407	6,469	6,174	6,398	4,273	34.2	2,125
Receiving one noncash benefit only	8,092	8,262	8,271	8,062	2,644	21.2	5,418
Medicaid only	3,235	3,306	3,018	2,899	953	7.6	1,946
School lunch only	2,332	2,128	2,283	2,341	580	4.6	1,761
Food stamps only	1,432	1,654	1,650	1,562	852	6.8	710
Public housing only	1,093	1,174	1,320	1,259	259	2.1	1,000
Receiving two noncash benefits [2]	3,712	3,769	3,760	3,765	2,427	19.4	1,338
Food stamps and Medicaid only	2,019	2,139	1,978	2,046	1,501	12.0	545
Food stamps and school lunch only	746	684	830	706	425	3.4	280
Receiving three noncash benefits [2]	2,001	2,049	2,082	2,174	1,809	14.5	365
Food stamps, school lunch, and Medicaid only	1,371	1,393	1,393	1,414	1,198	9.6	216
Food stamps, public housing, and Medicaid only	496	490	542	592	502	4.0	90
Receiving four noncash benefits	462	471	502	521	471	3.8	51
Total households receiving—							
Food stamps	6,769	7,115	7,184	7,170	5,174	41.4	1,995
School lunch	5,532	5,356	5,634	5,646	2,982	23.9	2,664
Public housing	2,777	2,873	3,158	3,234	1,695	13.6	1,539
Medicaid	8,287	8,487	8,068	8,148	4,955	39.7	3,193

[1] Households receiving money from Aid to Families with Dependent Children program, Supplemental Security Income program or other public assistance programs. [2] Includes other combinations not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 148 and earlier reports.

NO. 600. HOUSEHOLDS RECEIVING MEANS-TESTED NONCASH BENEFITS, BY PARTICIPATION STATUS IN SELECTED PROGRAMS: 1983

[Data represent monthly averages for **fourth quarter, 1983.** Covers nonfarm households only. Based on Survey of Income and Program Participation; see text, p. 429. For explanation of means-tested noncash benefits, see text, p. 352]

PROGRAM	Total (1,000)	PERCENT RECEIVING—					
		Food stamps	WIC	Free or reduced price school meals	Public or subsidized housing	Energy assistance	Medicaid
Total households	**83,733**	**7.6**	**1.4**	**7.1**	**4.3**	**3.1**	**8.9**
Received nonmeans-tested benefits:							
Social Security or railroad retirement	23,154	7.3	.4	3.7	6.3	4.9	11.8
Medicare	20,402	7.5	.2	2.2	6.9	5.2	12.9
Unemployment compensation	2,664	11.4	2.8	12.7	3.7	5.3	10.5
Received means-tested benefits:							
Food stamps	6,380	(x)	9.6	40.5	21.6	22.6	68.5
Women-infant-children (WIC)	1,179	52.1	(x)	35.8	14.2	15.7	50.2
School meals, free or reduced-price	5,985	43.2	7.1	(x)	14.9	12.0	38.7
Public or subsidized housing	3,576	38.5	4.7	24.9	(x)	9.6	41.0
Energy assistance	2,594	55.5	7.1	27.7	13.3	(x)	48.7
Medicaid	7,425	58.8	8.0	31.2	19.7	17.0	(x)
Supplemental Security Income	2,789	44.9	2.0	13.0	21.7	15.6	99.5
Aid to Families with Dependent Children or other cash assistance	3,722	80.7	14.1	50.3	21.2	20.4	95.1

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 4.

No. 601. Social Insurance and Related Programs—Cash Beneficiaries and Benefits, by Program: 1975 to 1983

[OASDHI = Old-age, survivors, disability, and health insurance. Federal programs under Social Security Act; see text, p. 351. Partly estimated. Includes some beneficiaries and benefit payments for some programs in outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series H 125-171]

PROGRAM	BENEFICIARIES [1] (1,000)					AMOUNT OF BENEFITS (mil. dol.)				
	1975	1980	1981	1982	1983	1975	1980	1981	1982	1983
Total	(X)	(X)	(X)	(X)	(X)	**123,235**	**207,797**	**231,599**	**261,159**	**257,420**
Percent of personal income	(X)	(X)	(X)	(X)	(X)	**9.7**	**9.6**	**9.5**	**10.1**	**9.4**
Retirement [2]	(X)	(X)	(X)	(X)	(X)	**61,543**	**113,252**	**132,518**	**149,075**	**146,603**
OASDHI	20,015	22,267	23,612	24,148	24,749	42,432	77,905	92,478	104,884	114,048
Public employee retirement	3,124	4,208	4,412	4,595	(NA)	17,145	32,416	36,808	40,659	(NA)
Federal civil service	732	913	963	989	1,002	5,229	10,227	11,916	13,113	14,003
Other Federal employee [3]	912	1,149	1,174	1,202	1,240	6,071	11,397	12,762	14,044	14,854
State and local government	1,480	2,146	2,275	2,404	(NA)	5,845	10,792	12,129	13,501	(NA)
Railroad retirement	579	589	577	584	580	1,966	2,931	3,234	3,531	3,698
Veterans Admin. programs [3]	1	(X)	(X)	(X)	(X)	1	(X)	(X)	(X)	(X)
Disability [2] [4]	(X)	(X)	(X)	(X)	(X)	**21,883**	**39,659**	**44,332**	**46,611**	**46,597**
OASDHI	4,142	4,729	4,599	4,174	3,875	8,414	15,437	17,199	17,338	17,530
Public employee retirement	526	720	750	778	(NA)	2,702	5,371	6,219	6,953	(NA)
Federal civil service	258	355	375	384	390	1,307	2,885	3,364	3,702	3,954
Other Federal employee [3]	163	157	147	145	148	905	1,275	1,364	1,439	1,460
State and local government	105	208	229	250	(NA)	490	1,211	1,490	1,811	(NA)
Railroad retirement	102	95	94	92	89	403	564	610	668	674
Veterans Admin. programs [3]	3,226	3,194	3,145	3,088	3,030	5,583	8,602	9,524	10,203	10,489
Workers' compensation	(NA)	(NA)	(NA)	(NA)	(NA)	3,248	7,245	8,166	8,909	9,931
Black lung benefit program	333	252	163	147	134	595	1,077	1,030	916	909
Temporary disability:										
State insurance [5]	176	199	224	216	219	890	1,300	1,525	1,568	1,600
Railroad insurance	14	14	14	14	14	48	63	58	56	50
Survivor monthly benefits	(X)	(X)	(X)	(X)	(X)	**20,716**	**34,986**	**40,137**	**43,632**	**44,770**
OASDHI	7,302	8,260	7,635	7,435	7,310	15,544	26,654	30,875	33,612	35,164
Public employee retirement	[6] 560	[6] 763	[6] 789	[6] 811	(NA)	1,449	2,895	3,382	3,762	(NA)
Federal civil service	382	439	467	485	495	975	1,930	2,243	2,468	2,636
Other Federal employee [3]	32	71	74	83	89	84	301	372	437	497
State and local government	145	253	248	243	(NA)	390	664	767	857	(NA)
Railroad retirement	338	330	326	324	310	914	1,372	1,527	1,644	1,671
Veterans Admin. programs [3]	2,258	1,465	1,374	1,300	1,227	2,084	2,755	2,952	3,113	3,192
Workers' compensation	(NA)	(NA)	(NA)	(NA)	(NA)	365	675	730	795	885
Black lung benefit program	152	158	214	208	200	360	635	670	705	725
Lump-sum payments	(X)	(X)	(X)	(X)	(X)	**808**	**964**	**862**	**770**	**370**
OASDHI	(X)	(X)	(X)	(X)	(X)	337	395	332	203	205
Public employee retirement	(X)	(X)	(X)	(X)	(X)	321	377	414	438	(NA)
Federal civil service	(X)	(X)	(X)	(X)	(X)	20	23	41	37	34
Other Federal employee	(X)	(X)	(X)	(X)	(X)	1	3	3	4	4
State and local government	(X)	(X)	(X)	(X)	(X)	300	352	369	398	(NA)
Railroad retirement	(X)	(X)	(X)	(X)	(X)	25	14	13	11	11
Veterans Admin. programs [7]	(X)	(X)	(X)	(X)	(X)	124	178	103	118	116
Unemployment	(X)	(X)	(X)	(X)	(X)	**18,285**	**18,935**	**13,751**	**21,072**	**19,081**
State unemployment insurance [8]	3,515	2,830	3,191	3,897	2,337	18,188	18,756	13,543	20,733	18,792
Railroad unemployment insurance	26	38	52	77	43	89	179	208	339	289
Training allowances [9]	(X)	(X)	(X)	(X)	(X)	7	(X)	(X)	(X)	(X)

NA Not available. X Not applicable. [1] For old-age, survivors, disability, and health insurance, average monthly number; for public employee retirement systems, veterans programs, and the black lung benefit program, number on rolls June 30; for railroad retirement program, number on rolls June 30 for 1975, Sept. 30 beginning 1980; for State unemployment and temporary disability insurance, average weekly number; for railroad unemployment and temporary disability insurance, average number during 14-day registration period. [2] Includes benefits to dependents where applicable. [3] Benefits for career military personnel (those with 20 years' service) are paid by the U.S. Dept. of Defense and are included under "Other Federal employee". [4] Excludes payments for medical care. [5] Payable in CA, NJ, NY, RI, and PR under public and private plans. Data for beneficiaries in NJ not available.

[6] For Federal programs under the Uniformed Services Contingency Option Act of 1953 and for State and local government retirement systems, number represents families. [7] Lump sums are for burial of deceased veterans. [8] Includes payments made by the States as agents of the Federal Government under the Federal employees' unemployment compensation program and under the Ex-Servicemen's Compensation Act of 1958, and payment under the extended unemployment insurance programs, the Trade Expansion Act of 1962, the Disaster Relief Act of 1970 and the Trade Act of 1974. Beginning 1981, payments cover State unemployment insurance and Ex-Servicemen's Compensation Act only. Beneficiaries relate to regular State unemployment insurance, Federal employee (through 1981), and ex-servicemen programs only. Includes Puerto Rico. [9] Manpower Development and Training Act of 1962 (Aug. 1962-June 1975).

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 602. Estimated Workers Under Social Insurance Programs: 1960 to 1984

[**In millions, except percent.** As of **December,** except as noted. See also *Historical Statistics, Colonial Times to 1970,* series H 51-56]

EMPLOYMENT AND COVERAGE STATUS	1960	1965	1970	1975	1980	1981	1982	1983	1984
Total labor force [1]	**73.1**	**78.5**	**86.2**	**96.2**	**109.1**	**110.7**	**112.7**	**114.0**	**116.2**
Paid civilian population	64.6	71.6	77.6	86.0	98.9	99.0	98.4	102.2	105.5
Wage and salary workers	55.3	63.6	70.8	78.7	90.2	90.4	89.5	93.0	96.4
Self-employed	9.3	8.0	6.9	7.3	8.7	8.6	8.9	9.2	9.1
Unpaid family workers	1.4	1.1	.8	.7	.6	.5	.5	.6	.5
Unemployed	4.5	2.9	2.6	7.3	7.4	9.0	11.6	9.0	8.0
Armed Forces	2.5	2.8	3.4	2.2	2.1	2.2	2.2	2.2	2.2
Civilian population covered by:									
Public retirement programs	**60.9**	**68.4**	**75.3**	**83.7**	**96.4**	**96.4**	**95.7**	**99.2**	**104.0**
OASDHI [2]	55.4	62.7	69.2	77.0	89.3	89.5	88.9	92.3	97.2
Wage and salary workers	48.0	56.1	63.4	70.6	81.8	81.9	81.1	84.4	88.9
Percent of all wage and salary workers	86.8	88.2	89.5	89.7	90.7	90.6	90.6	90.8	92.2
Self-employed	7.4	6.6	5.8	6.4	7.5	7.6	7.8	7.9	8.3
Railroad retirement	.9	.8	.6	.5	.5	.5	.4	.4	.4
Public employees retirement [3]	4.6	4.9	5.5	6.2	6.6	6.4	6.4	6.5	6.4
Unemployment insurance	**43.7**	**50.3**	**55.8**	**69.7**	**87.2**	**89.9**	**87.9**	**91.3**	(NA)
Workers' compensation	**44.6**	**52.3**	**59.0**	**68.6**	**79.1**	**79.8**	**77.8**	**80.9**	(NA)
Temporary disability insurance	**11.3**	**13.0**	**14.6**	**15.7**	**18.4**	**18.4**	**18.1**	**18.8**	(NA)

NA Not available. [1] Data from U.S. Bureau of Labor Statistics and based on U.S. Bureau of the Census' Current Population Survey; see text, pp. 1 and 2, and Appendix III.
[2] OASDHI = Old-age, survivors, disability, and health insurance. Excludes members of Armed Forces and railroad employees.
[3] Data represent yearly averages. Excludes State and local government employees covered by both OASDHI and their own retirement program.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin.*

No. 603. Selected Social Insurance Programs—Estimated Payrolls of Covered Employment in Relation to Wages and Salaries: 1970 to 1983

[**In billions of dollars, except percent.** OASDHI: Old-age, survivors, disability, and health insurance programs under Social Security Act; see text, p. 351. Data for Federal civilian and military personnel cover all areas. Gross amount before deduction of social insurance contributions. See also *Historical Statistics, Colonial Times to 1970,* series H 57-69]

PROGRAM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total earnings [1]	615	896	984	1,087	1,225	1,370	1,474	1,618	1,680	1,781
All wages and salaries [1]	549	806	890	984	1,106	1,238	1,357	1,493	1,569	1,659
Civilian	528	783	867	959	1,081	1,211	1,327	1,458	1,529	1,617
Payrolls covered by:										
Retirement programs [2]	528	783	869	967	1,082	1,210	1,323	1,453	1,546	(NA)
OASDHI [3] [4]	480	713	793	883	1,000	1,121	1,226	1,349	1,438	1,494
Railroad retirement [3]	6	8	9	10	11	12	13	13	13	12
Federal civil service	26	37	39	42	45	48	52	56	59	(NA)
State and local government	53	87	95	106	109	118	131	142	154	166
Unemployment insurance [3]	389	653	726	808	1,055	1,189	1,301	1,419	1,504	1,583
Workers' compensation program [5]	437	672	750	817	922	1,041	1,136	1,247	1,309	1,390
Net earnings in self-employment covered by OASDHI	48	70	77	81	88	96	95	99	99	103
Percent of civilian payrolls covered by—										
OASDHI [3] [6]	90.9	91.1	91.7	92.1	92.4	92.6	92.4	92.8	93.0	92.4
Railroad retirement [3]	1.2	1.1	1.1	1.1	1.0	1.0	1.0	.9	.8	.7
Federal civil service retirement	5.0	4.7	4.5	4.4	4.2	4.0	3.9	3.8	3.8	(NA)
State and local government retirement	10.1	11.1	10.9	11.0	10.1	9.7	9.9	9.7	10.1	10.3
Unemployment insurance [3]	73.7	83.4	83.7	84.3	97.6	98.2	98.0	97.3	98.4	97.9
Workers' compensation programs [5]	82.8	85.8	86.6	85.2	85.3	86.0	85.6	85.5	85.6	86.0

NA Not available. [1] Data from U.S. Bureau of Economic Analysis. Earnings include self-employed; wages and salaries represent civilian and military pay in cash and in kind. [2] Adjusted for duplication in coverage by both OASDHI and State and local government retirement systems. [3] Taxable plus estimated nontaxable wages and salaries.
[4] Includes Armed Forces in all areas. [5] Payrolls of employers insured with private carriers, State funds, or self-insured, and pay covered by Federal programs in all areas. [6] Percent computed after excluding Armed Forces payroll covered by OASDHI.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin,* and unpublished data.

NO. 604. SELECTED SOCIAL INSURANCE PROGRAMS—SOURCE OF FUNDS FROM CONTRIBUTIONS AND TRANSFERS: 1970 TO 1984

[In millions of dollars]

PROGRAM AND SOURCE OF FUNDS	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Social Security trust funds:										
Old-age and survivors insurance (OASI)	30,705	57,241	70,185	76,086	88,476	103,996	123,301	124,353	149,499	159,620
Employer	14,489	27,184	33,344	36,253	42,288	49,731	58,972	59,105	66,746	78,110
Employee	14,204	26,947	33,093	35,921	41,898	49,436	58,656	58,918	66,542	73,991
Self-employed	1,564	2,684	3,135	3,297	3,733	4,289	4,999	5,649	5,049	6,632
Government [1] [2]	449	425	613	615	557	540	675	680	[3] 11,162	887
Disability insurance (DI)	4,497	7,534	9,266	13,554	15,232	13,385	16,906	22,169	19,556	15,503
Employer	2,154	3,562	4,379	6,492	7,257	6,307	8,074	10,597	8,601	7,536
Employee	2,117	3,530	4,346	6,450	7,186	6,254	8,035	10,574	8,561	7,134
Self-employed	210	352	413	471	671	694	629	824	830	741
Government [1]	16	90	128	142	118	130	168	174	[3] 1,565	92
Hospital insurance (HI) [4]	5,820	12,316	15,072	18,408	21,883	24,982	34,157	35,976	42,166	43,415
Employer	2,412	5,647	6,855	8,556	10,211	11,713	16,226	16,966	18,807	20,571
Employee	2,365	5,598	6,803	8,489	10,119	11,640	16,153	16,910	18,749	20,531
Self-employed	169	395	456	493	629	739	856	1,061	943	1,381
Government [1] [2] [5]	874	670	946	858	908	871	900	1,015	[3] 3,639	899
Voluntarily insured [6]	(X)	7	12	13	16	18	22	24	27	33
Supplementary medical insurance (SMI) [7]	2,189	4,566	7,633	8,757	9,364	10,466	15,013	15,981	19,097	22,221
Aged	1,096	1,759	2,030	2,221	2,452	2,707	3,356	3,341	3,845	4,721
Disabled	(X)	158	217	249	267	304	366	356	391	445
Government	1,093	2,648	5,386	6,287	6,645	7,455	11,291	12,284	14,861	17,054
Railroad retirement [8]	968	1,506	1,810	2,450	2,508	2,630	2,627	3,304	3,604	(NA)
Employer	510	1,146	1,386	1,437	1,659	1,722	1,817	2,036	2,014	(NA)
Employee	439	356	424	450	536	594	684	858	849	(NA)
Government [1]	19	4	-	563	313	313	126	410	741	(NA)
Federal civil service	3,870	9,507	13,802	14,306	16,328	19,986	22,554	23,964	(NA)	(NA)
Employer (Federal and DC gov't.)	2,001	6,905	10,816	11,118	12,916	16,220	18,506	19,736	(NA)	(NA)
Employee [9]	1,869	2,600	2,986	3,188	3,412	3,766	4,048	4,228	(NA)	(NA)
State and local government [10]	7,895	14,560	18,470	20,380	22,702	25,654	28,620	30,782	(NA)	(NA)
Employer (government)	4,920	9,880	13,010	14,500	16,434	18,776	20,190	22,366	(NA)	(NA)
Employee	2,975	4,680	5,460	5,880	6,268	6,878	7,706	8,416	(NA)	(NA)

- Represents zero. NA Not available. X Not applicable. [1] Represents cost of gratuitous wage credits for military service. [2] Includes Federal payments for special age-72 benefits. [3] See footnotes 1 and 2, table 610. [4] Includes transfers from railroad retirement account for HI coverage of railroad workers. [5] Includes transfers of appropriations for HI benefits for persons not insured for cash benefits under OASI, DI or railroad retirement. For 1978–1981, includes reimbursements for Professional Standards Review Organization. [6] Beginning July 1973, aged ineligibles may voluntarily enroll for HI. [7] Includes premiums paid on behalf of eligibles by State governments under "buy-in" arrangements. [8] Excludes HI contributions (included with HI above) and includes employer contributions to supplemental benefit account. [9] Includes voluntary contributions to purchase additional annuity. [10] Estimated.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin.*

NO. 605. FEDERAL BENEFITS FOR THE AGED, BY TYPE OF BENEFIT: 1971 TO 1985

[**1971** and **1975,** years ending **June 30,** thereafter ending **Sept. 30.** Reflects outlays, including effects of proposed legislation, for recipients aged 65 and over in most cases. Estimates based on Federal agency information—which may be administrative counts, samples, or less accurate estimates from Federal, State and program staff. Other Federal programs that assist the elderly (e.g. consumer activities, USDA extension service, National Park Service) have been excluded due to data limitations]

TYPE OF BENEFIT	BENEFITS (bil. dol.)								PERCENT		
	1971	1975	1980	1981	1982	1983	1984	1985	1971	1980	1985
Total outlays	**44.0**	**81.3**	**144.2**	**173.3**	**196.0**	**220.2**	**235.8**	**263.6**	**100.0**	**100.0**	**100.0**
Cash benefits	34.2	64.7	101.3	122.3	137.2	151.1	160.1	173.3	77.7	70.2	65.7
Social Security	27.1	51.8	81.2	97.1	111.2	122.5	129.3	140.4	61.6	56.3	53.3
Railroad employees	1.7	2.8	3.6	4.1	4.0	4.6	4.7	4.7	3.9	2.5	1.8
Federal civilian employees	2.3	5.5	7.8	11.6	11.1	11.8	13.0	13.7	5.2	5.4	5.2
Uniformed services members	.7	1.1	1.8	2.0	3.0	3.3	3.8	4.3	1.6	1.2	1.6
Coal miners [1]	.1	.2	1.3	1.2	1.3	1.6	1.5	1.5	.2	.9	.5
Supplemental Security Income	[2] 1.4	1.8	2.3	2.6	2.7	2.9	2.8	3.2	[2] 3.2	1.6	1.2
Veterans pensions [3]	.9	1.5	3.3	3.7	3.9	4.4	5.0	5.4	2.0	2.3	2.0
In-kind benefits	9.8	16.6	36.8	45.0	52.8	59.6	65.7	80.0	22.3	25.5	30.3
Medicare	7.5	12.8	29.3	35.8	42.6	48.4	53.3	61.4	17.0	20.3	23.4
Medicaid	1.9	2.6	4.7	6.0	6.0	7.0	7.4	8.5	4.3	3.3	3.2
Food stamps [4]	.2	1.0	.5	.9	.9	.6	.6	.6	.5	.3	.2
Subsidized public housing	.2	.4	2.3	2.3	3.3	3.6	4.3	[5] 9.5	.5	1.6	3.6
Other [6]	(NA)	(NA)	6.1	6.0	6.0	9.5	10.0	10.3	(NA)	4.2	4.0

NA Not available. [1] Prior to 1980, represents benefit for coal miners' widows only. [2] Represents Federal grants to States for aid to the aged, blind, and disabled. [3] Includes other veterans' compensation for aged beginning 1980. [4] Includes nutrition assistance to Puerto Rico. [5] Financing was changed from loan guarantees to direct loans, resulting in a one-time outlay increase. [6] Includes Administration on Aging, National Institute on Aging, ACTION, White House Conference on Aging, other Federal health programs, other Social Security benefits, Farmers Home Administration and Elderly Housing Loans programs, social services, energy assistance, unemployment, and other miscellaneous program outlays.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual; and unpublished data.

No. 606. Population 65 Years Old and Over, and Societal Support Ratios: 1960 to 1984

[**In millions, except as indicated.** As of **July.** Includes Armed Forces overseas. The support ratio is the number of elderly persons of a specified age per 100 persons defined by age or work status]

AGE GROUP	1960	1970	1980	1984	SUPPORT RATIO	1960	1970	1980	1984
Persons 65 years and over	**16.7**	**20.1**	**25.7**	**28.0**	Persons, 65 years old and over, per 100 persons, 18-64 years old	17	17	19	19
Percent, all ages	9.2	9.8	11.3	11.8	Persons, 60 years old and over, per 100 persons, 20-59 years old	27	29	30	31
65-69 years	6.3	7.0	8.8	9.3	Nonworkers, 65 years old and over, per 100 workers, 18-64 years old [1]	21	22	23	22
70-74 years	4.8	5.5	6.8	7.4	Nonworkers, 60 years old and over, per 100 workers, 20-59 years old [1]	28	30	31	30
75-79 years	3.1	3.9	4.8	5.4					
80-84 years	1.6	2.3	3.0	3.3					
85 years and over	.9	1.4	2.3	2.7					

[1] Nonworkers are persons not in labor force and workers are persons in civilian labor force. Labor force data are monthly averages based on the Current Population Survey; see text, pp. 1 and 2. Data from U.S. Bureau of Labor Statistics.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, Nos. 519 and 965, and unpublished data.

No. 607. Social Security (OASDI)—Covered Employment and Earnings: 1960 to 1984

[Includes Puerto Rico and Virgin Islands and beginning 1965, American Samoa and Guam. OASDI: Old-age, survivors, and disability insurance. Represents all reported employment. Data are estimated. See also *Historical Statistics, Colonial Times to 1970,* series H 172-185]

ITEM	Unit	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
Living covered workers [1]	Million	107.4	118.1	133.5	145.2	156.8	159.2	161.5	164.0	166.3	168.0
With insured status [2]	Million	76.6	92.9	105.3	120.0	132.7	136.7	140.3	143.2	144.9	147.2
Male	Million	49.2	55.7	61.7	68.1	73.6	75.4	76.8	78.0	78.6	79.5
Female	Million	27.4	37.2	43.6	51.9	59.1	61.3	63.5	6.52	66.3	67.7
Under 25 years old	Million	10.6	12.3	17.7	21.6	24.2	25.3	26.0	25.1	24.0	23.3
25-34 years old	Million	16.4	19.2	22.2	28.5	33.4	34.8	36.4	37.4	37.9	38.6
35-44 years old	Million	17.4	20.2	19.0	19.1	21.6	22.4	23.1	24.3	25.9	27.3
45-54 years old	Million	14.4	17.8	19.2	19.4	18.8	18.7	18.6	18.7	18.6	18.8
55-61 years old	Million	7.0	9.3	10.5	11.6	12.4	12.6	12.7	12.8	12.8	12.8
62-64 years old	Million	2.3	3.1	3.7	4.2	4.6	4.6	4.7	4.8	5.0	5.1
65-69 years old	Million	3.8	4.2	5.0	5.9	6.5	6.7	6.8	7.0	7.1	7.3
70 years old and over	Million	4.6	6.7	8.0	9.7	11.2	11.7	12.0	13.1	13.5	14.0
Workers reported with—											
Taxable earnings [3]	Million	73	81	93	100	114	114	116	113	113	119
Maximum earnings [3]	Million	20	29	24	15	11	10	9	8	7	7
Earnings in covered employment	Bil. dol.	265	352	532	787	1,217	1,321	1,448	1,512	1,589	1,755
Reported taxable [3]	Bil. dol.	207	251	416	665	1,069	1,175	1,301	1,357	1,443	1,596
Percent of total	Percent	78.1	71.3	78.2	84.5	87.8	88.9	89.8	89.7	90.8	90.9
Average per worker:											
Total earnings	Dollar	3,656	4,359	5,711	7,854	10,717	11,558	12,521	13,431	14,013	14,764
Taxable earnings [3]	Dollar	2,854	3,108	4,464	6,634	9,410	10,282	11,250	12,048	12,721	13,425

[1] Estimated number of persons who had covered employment at any time during the period 1937 to year shown; not adjusted to reflect effect of (a) provisions that coordinate the OASDI and railroad retirement programs and (b) wage credits for military service. Only partially adjusted to eliminate duplicate count of persons with taxable earnings reported on more than 1 account number; effect of such duplication is substantially less significant for the insured than for the uninsured. Includes persons currently insured and not insured, not shown separately. [2] Fully insured for retirement and/or survivor benefits.

[3] Includes self-employment. See table 609 for maximum taxable earnings.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin;* and unpublished data.

No. 608. Social Security (OASDHI)—Effect on Contributions of Changes in the Wage Base and Tax Rate: 1966 to 1985

[OASDHI = Old-age, survivors, disability, and health insurance programs. Effect of changes represents first full-year effect on contributions of changes in taxable wage base and combined tax rate]

YEAR	Workers taxable wage base (dol.)	Combined [1] tax rate (percent)	EFFECT OF CHANGES (bil. dol.) Total	Wage base	Tax rate	YEAR	Workers taxable wage base (dol.)	Combined [1] tax rate (percent)	EFFECT OF CHANGES (bil. dol.) Total	Wage base	Tax rate
1966	6,600	8.40	6.2	3.4	2.8	1977	16,500	([2])	2.1	2.1	([2])
1967	([2])	8.80	1.2	([2])	1.2	1978	17,700	12.10	5.6	2.1	3.5
1968	7,800	([2])	2.1	2.1	([2])	1979	22,900	12.26	9.5	8.0	1.6
1969	([2])	9.60	3.0	([2])	3.0	1980	25,900	([2])	3.6	3.6	([2])
1971	([2])	10.40	3.2	([2])	3.2	1981	29,700	13.30	16.9	4.2	12.7
1972	9,000	([2])	2.9	2.9	([2])	1982	32,400	13.40	4.1	2.8	1.3
1973	10,800	11.70	10.8	4.6	6.2	1983	35,700	([2])	3.1	3.1	([2])
1974	13,200	([2])	3.9	3.9	([2])	1984	37,800	14.00	[3] 10.9	1.9	[3] 9.0
1975	14,100	([2])	1.4	1.4	([2])	1985	39,600	14.10	3.4	1.7	1.7
1976	15,300	([2])	2.1	2.1	([2])						

[1] Employee and employer contribute equally. [2] No increase occurred. [3] $4.5 billion of this increase was offset by employee tax credit.

Source: U.S. Social Security Administration, unpublished data.

No. 609. Social Security (OASDHI)—Contribution Rates: 1970 to 1990

[As of **January 1**, except as noted. OASDI=Old-age, survivors, and disability insurance; HI=Hospital insurance]

YEAR	Annual maximum taxable earnings (dol.)	Maximum tax (dol.)	CONTRIBUTION RATES (percent)						Supplementary medical insurance, monthly rate (dol.)
			Each employer and employee			Self-employed			
			Total	OASDI	HI	Total	OASDI	HI	
In effect:									
1970	7,800	374	4.80	4.20	.60	6.90	6.30	.60	[1] 5.30
1975	14,100	825	5.85	4.95	.90	7.90	7.00	.90	6.70
1980	25,900	1,588	6.13	5.08	1.05	8.10	7.05	1.05	[1] 9.60
1981	29,700	1,975	6.65	5.35	1.30	9.30	8.00	1.30	[1] 11.00
1982	32,400	2,171	6.70	5.40	1.30	9.35	8.05	1.30	[1] 12.20
1983	35,700	2,392	6.70	5.40	1.30	9.35	8.05	1.30	12.20
1984	37,800	[2] 2,533	[3] 7.00	5.70	1.30	14.00	11.40	2.60	14.60
1985	39,600	2,792	7.05	5.70	1.35	14.10	11.40	2.70	15.50
1986	([4])	([4])	7.15	5.70	1.45	14.30	11.40	2.90	(NA)
Future schedule:									
1987	([4])	([4])	7.15	5.70	1.45	14.30	11.40	2.90	(NA)
1988	([4])	([4])	7.51	6.06	1.45	15.02	12.12	2.90	(NA)
1989	([4])	([4])	7.51	6.06	1.45	15.02	12.12	2.90	(NA)
1990	([4])	([4])	7.65	6.20	1.45	15.30	12.40	2.90	(NA)

NA Not available. [1] Effective July 1. [2] Employee's maximum tax; see footnote 3. [3] Employee pays 6.7 percent. Employee's additional .3 percent is supplied from general revenues. [4] Will be adjusted by Federal law to reflect increasing income levels.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 610. Social Security Trust Funds: 1970 to 1984

[**In millions of dollars, except percent.** See also *Historical Statistics, Colonial Times to 1970*, series H 238-242]

TYPE OF TRUST FUND	1970	1975	1978	1979	1980	1981	1982	1983	1984
Old-age and survivors insurance (OASI):									
Net contribution income [1]	30,256	56,816	75,471	87,919	103,456	122,627	123,673	138,337	166,957
Transfers from general revenue [2]	449	425	614	557	540	674	680	5,541	105
Interest received [3]	1,515	2,364	2,008	1,797	1,845	2,060	845	6,706	2,266
Benefit payments [4]	28,796	58,509	80,352	90,556	105,074	[5] 123,796	[5] 138,800	149,214	157,841
Administrative expenses	471	896	1,115	1,113	1,154	1,307	1,519	1,528	1,638
Assets, end of year	32,454	36,987	27,520	24,660	22,824	21,490	[6] 22,088	[6] 19,672	[6] 27,117
Reserve ratio [7] (percent)	111	62	34	27	21	17	16	13	17
Disability insurance (DI):									
Net contribution income [1]	4,481	7,444	13,413	15,114	13,255	16,738	21,995	17,991	16,135
Transfers from general revenue [2]	16	90	142	118	130	168	174	1,121	–
Interest received [3]	277	502	256	358	487	172	546	1,569	1,114
Benefit payments [4]	3,067	8,414	12,513	13,708	15,437	[5] 17,200	[5] 17,338	17,482	17,897
Administrative expenses	164	256	325	371	368	436	590	625	626
Assets, end of year	5,614	7,354	4,226	5,630	3,629	3,049	[8] 2,691	[8] 5,195	[8] 3,959
Reserve ratio [7] (percent)	174	85	33	40	23	17	15	29	21
Hospital insurance (HI):									
Net contribution income [1] [9]	4,881	11,509	17,336	20,784	23,866	32,981	34,610	38,169	42,468
Transfers from general revenue [10]	874	669	858	908	871	900	1,015	2,756	752
Interest received [3]	161	671	822	956	1,138	1,586	2,022	3,285	3,150
Benefit payments	5,124	11,318	17,688	20,630	25,067	30,342	35,631	39,337	43,257
Administrative expenses	157	263	460	410	476	337	513	537	629
Assets, end of year	3,202	10,517	11,477	13,228	13,749	18,748	[11] 8,164	[11] 12,858	[11] 15,691
Reserve ratio [7] (percent)	61	91	63	63	54	61	23	32	36
Supplementary medical insurance (SMI):									
Net premium income	1,096	1,918	2,469	2,719	3,011	[12] 3,722	[12] 3,697	4,236	5,167
Transfers from general revenue	1,093	2,648	6,287	6,645	7,455	[12] 11,291	[12] 12,284	14,861	17,054
Interest received	12	106	299	404	408	361	599	725	959
Benefit payments	1,975	4,273	7,252	8,708	10,635	13,113	15,455	18,106	19,661
Administrative expenses	238	462	503	557	610	927	772	877	891
Assets, end of year	188	1,444	4,400	4,902	4,530	5,877	6,230	7,070	9,698
Reserve ratio [7] (percent)	8	30	57	53	40	42	38	37	47

– Represents zero. [1] Includes deposits by States and deductions for refund of estimated employee-tax overpayment. Beginning in 1983, includes government contributions on deemed wage credits for military service in 1957 and later. [2] Includes payments (1) for costs of noncontributory wage credits for military service performed before 1957; (2) in 1971-82, for costs of deemed wage credits for military service performed after 1956; and, for OASI only, (3) for costs of benefits to certain uninsured persons who attained age 72 before 1968. [3] Beginning in 1983, these figures reflect payments from a borrowing trust fund to a lending trust fund for interest on amounts owed under the interfund borrowing provisions. The amount shown for 1983 includes interest on (1) retroactive government contributions on deemed wage credits for military service in 1957-82, and (2) unnegotiated benefit checks issued before 1983. The amount shown for 1984 includes an interest adjustment on government contributions on deemed wage credits for military service in 1957-83. [4] Includes payments for vocational rehabilitation services furnished to disabled persons receiving benefits because of their disabilities. Beginning in 1983, amounts are reduced by amount of reimbursement for unnegotiated benefit checks. [5] Data adjusted to reflect 12 months of benefit payments. [6] Includes $18 billion borrowed from the DI and HI Trust Funds. [7] Assets at end of year as a percentage of benefit payments and administrative expenses during the year. [8] Excludes $5 billion loaned to the OASI Trust Fund. [9] Beginning in 1975, includes premiums from aged ineligibles enrolled in HI. [10] Represents Federal Government transfers from general-fund appropriations to meet costs of benefits for persons not insured for cash benefits under OASDI-HI or Railroad Retirement and for costs of benefits arising from military wage credits. [11] Excludes $12 billion loaned to the OASI Trust Fund. [12] Data adjusted to reflect 12 months of premium and general revenue income.

Source: U.S. Social Security Administration, *Annual Report of Board of Trustees, OASI, DI, HI, and SMI Trust Funds*. Also published in *Social Security Bulletin*, monthly.

No. 611. Social Security (OASDI)—Benefits, by Type of Beneficiary: 1970 to 1984

[OASDI = Old-age, survivors, and disability insurance. A person eligible to receive more than one type of benefit is generally classified or counted only once as a retired-worker beneficiary. See also headnote, table 607; Appendix III; and *Historical Statistics, Colonial Times to 1970,* series H 197–229]

TYPE OF BENEFICIARY	1970	1975	1978	1979	1980	1981	1982	1983	1984
	BENEFITS IN CURRENT-PAYMENT STATUS [1] (end of year)								
Number of benefits (1,000)	**26,229**	**32,086**	**34,586**	**35,125**	**35,585**	**36,006**	**35,839**	**36,085**	**36,479**
Retired workers [2] (1,000)	13,349	16,588	18,358	18,970	19,562	20,195	20,763	21,419	21,907
Disabled workers [3] (1,000)	1,493	2,489	2,880	2,871	2,859	2,777	2,604	2,569	2,597
Wives and husbands [2 4] (1,000)	2,952	3,320	3,471	3,467	3,477	3,459	3,405	3,347	3,355
Children [5] (1,000)	4,122	4,972	4,938	4,794	4,607	4,430	3,883	3,593	3,408
Widowed mothers [6] (1,000)	523	582	576	574	562	548	515	400	382
Widows and widowers [2 7] (1,000)	3,227	3,889	4,212	4,321	4,411	4,508	4,595	4,694	4,779
Parents [2] (1,000)	29	21	17	16	15	14	12	11	10
Special benefits [8] (1,000)	534	224	134	112	93	76	63	51	40
Average monthly benefit, current dollars:									
Retired workers [2]	118	207	263	294	341	386	419	441	461
Retired worker and wife [2]	199	344	438	489	567	(NA)	702	743	(NA)
Disabled workers [3]	131	226	288	322	371	413	441	456	471
Wives and husbands [2 4]	59	100	126	141	164	186	203	217	227
Widowed mothers [6]	87	147	190	213	246	277	303	309	322
Widows and widowers, nondisabled [2]	102	194	241	270	311	349	379	396	415
Parents [2]	103	172	214	239	276	310	335	350	364
Special benefits [8]	45	69	83	92	105	116	125	129	134
Average monthly benefit, constant (1984) dollars: [9]									
Retired workers [2]	313	393	409	405	416	433	452	459	461
Retired worker and wife [2]	527	653	681	673	692	(NA)	757	773	(NA)
Disabled workers [3]	347	429	448	443	453	463	476	474	471
Wives and husbands [2 4]	156	190	196	194	200	209	219	226	227
Widowed mothers [6]	230	279	295	293	300	311	327	321	322
Widows and widowers, nondisabled [2]	270	368	375	372	380	391	409	412	415
	BENEFITS AWARDED DURING YEAR (1,000)								
Number of benefits	**3,722**	**4,427**	**4,166**	**4,227**	**4,215**	**4,059**	**3,859**	**3,756**	**3,691**
Retired workers [2]	1,338	1,506	1,480	1,597	1,620	1,600	1,625	1,670	1,612
Disabled workers [3]	350	592	457	409	389	345	299	311	357
Wives and husbands [2 4]	436	499	477	471	469	437	430	436	425
Children [5]	1,091	1,332	1,234	1,191	1,174	1,094	922	753	722
Widowed mothers [6]	112	116	110	110	108	100	87	82	74
Widows and widowers [2 7]	363	377	404	446	452	481	495	502	500
Parents [2]	2	1	1	1	1	1	1	(Z)	(Z)
Special benefits [8]	30	4	3	2	1	1	1	1	1
	BENEFIT PAYMENTS DURING YEAR (mil. dol.)								
Total amount [10]	**31,863**	**66,923**	**92,865**	**104,263**	**120,472**	**140,995**	**156,137**	**167,033**	**175,762**
Monthly benefits [11]	31,570	66,586	92,520	103,923	120,118	140,662	155,934	166,827	175,551
Retired workers [2]	18,437	38,078	53,255	60,379	70,359	83,614	95,123	103,578	109,957
Disabled workers [3]	2,448	6,908	10,315	11,333	12,817	14,379	14,810	15,196	15,623
Wives and husbands [2 4]	2,194	4,104	5,525	6,135	7,043	8,228	9,191	9,934	10,396
Children [5]	3,517	6,643	8,671	9,416	10,514	11,764	11,302	10,782	10,651
Widowed mothers [6]	574	1,009	1,284	1,409	1,572	1,760	1,861	1,771	1,474
Widows and widowers [2 7]	4,055	9,596	13,278	15,071	17,638	20,749	23,488	25,425	27,325
Parents [2]	39	50	51	52	55	58	59	56	53
Special benefits [8]	306	198	142	128	119	110	100	85	71
Lump sum	294	337	344	340	355	332	203	205	212

NA Not available. Z Fewer than 500. [1] Benefit payment actually being made at a specified time with no deductions or with deductions amounting to less than a month's benefits; i.e., the benefits actually being received. [2] 62 years and over. [3] Disabled workers under age 65. [4] Includes wife beneficiaries with entitled children in their care and entitled divorced wives. [5] Includes disabled persons aged 18 and over whose disability began before age 18 (22, beginning Jan. 1973) and entitled full-time students aged 18–21.

[6] Includes surviving divorced mothers with entitled children in their care and, beginning June 1975, widowed fathers with entitled children in their care. [7] Includes widows aged 60–61, surviving divorced wives aged 60 and over, disabled widows and widowers aged 50 and over; and beginning Jan. 1973, widowers aged 60–61.

[8] Benefits for persons aged 72 and over not insured under regular or transitional provisions of Social Security Act. [9] Constant dollar figures are based on the consumer price index published by the U.S. Bureau of Labor Statistics; see table 795.

[10] Represents total disbursements of benefit checks by the U.S. Dept. of the Treasury during the years specified.

[11] Distribution by type estimated.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin,* and unpublished data.

NO. 612. SOCIAL SECURITY (OASDI)—BENEFICIARIES, BENEFIT PAYMENTS, AND AVERAGE MONTHLY BENEFITS, 1970 TO 1984, AND BY STATES AND OTHER AREAS, 1984

[Number of beneficiaries in current-payment status and average monthly benefit as of **December**. OASDI = Old-age, survivors, and disability insurance. See also headnote, table 611, and Appendix III]

YEAR, DIVISION, AND STATE OR OTHER AREA	NUMBER OF BENEFICIARIES (1,000)				BENEFIT PAYMENTS (mil. dol.)				AVERAGE MONTHLY BENEFITS (dol.)		
	Total [1]	Retired workers [2]	Survivors	Disabled workers [2]	Total [1]	Retired workers [2]	Survivors [3]	Disabled workers [2]	Retired workers [4]	Disabled workers	Widows and widowers [5]
1970	26,229	16,559	6,470	2,665	31,863	20,770	7,721	3,067	118	131	102
1975	32,086	20,099	7,411	4,353	66,923	42,447	15,864	8,414	207	226	194
1979	35,125	22,501	7,622	4,777	104,263	66,947	23,480	13,708	294	322	270
1980	35,585	23,216	7,598	4,678	120,472	77,906	27,010	15,437	341	371	311
1981	36,006	23,859	7,615	4,456	140,995	92,478	31,206	17,200	386	413	349
1982	35,839	24,362	7,442	3,973	156,137	104,885	33,815	17,338	419	441	379
1983	36,085	24,970	7,251	3,813	167,033	114,048	35,369	17,530	441	456	396
1984, total [6]	**36,479**	**25,434**	**7,182**	**3,822**	**175,762**	**120,952**	**36,839**	**17,900**	**461**	**471**	**415**
U.S.	**35,603**	**24,936**	**6,984**	**3,642**	**173,027**	**119,448**	**36,139**	**17,370**	(NA)	(NA)	(NA)
N. Eng	**2,033**	**1,500**	**350**	**176**	**10,239**	**7,461**	**1,923**	**849**	(NA)	(NA)	(NA)
Maine	200	142	37	21	910	632	185	93	425	441	400
New Hampshire	147	109	24	13	727	533	132	62	463	468	432
Vermont	82	58	15	8	391	272	80	39	454	454	412
Massachusetts	934	690	164	78	4,681	3,401	900	377	466	470	439
Rhode Island	174	127	28	18	864	625	152	86	462	455	432
Connecticut	495	374	82	38	2,666	1,998	474	192	506	484	461
Mid. Atl	**6,098**	**4,364**	**1,144**	**583**	**31,855**	**22,515**	**6,345**	**2,983**	(NA)	(NA)	(NA)
New York	2,800	2,009	508	280	14,730	10,491	2,806	1,426	495	494	448
New Jersey	1,178	855	213	109	6,278	4,513	1,197	566	503	493	456
Pennsylvania	2,120	1,500	423	194	10,847	7,511	2,342	991	480	490	440
E. No. Cent	**6,356**	**4,424**	**1,293**	**635**	**32,580**	**22,294**	**7,113**	**3,161**	(NA)	(NA)	(NA)
Ohio	1, 672	1,133	360	178	8,412	5,567	1,969	873	476	494	438
Indiana	844	586	169	89	4,305	2,951	921	432	483	491	438
Illinois	1,666	1,185	336	142	8,656	6,091	1,844	718	441	492	446
Michigan	1,391	947	286	157	7,273	4,862	1,598	810	493	518	447
Wisconsin	783	573	142	69	3,934	2,823	781	328	473	482	436
W. No. Cent	**2,862**	**2,077**	**550**	**230**	**13,684**	**9,732**	**2,875**	**1,072**	(NA)	(NA)	(NA)
Minnesota	627	467	116	43	2,987	2,166	616	204	447	466	415
Iowa	503	368	97	37	2,464	1,767	522	174	464	466	422
Missouri	864	606	168	89	4,095	2,816	862	415	447	465	410
North Dakota	106	77	22	7	480	343	107	30	434	429	397
South Dakota	121	87	24	9	537	380	118	39	423	439	392
Nebraska	257	190	49	18	1,230	892	257	80	453	453	418
Kansas	384	282	74	27	1,891	1,368	393	130	466	461	425
So. Atl	**6,272**	**4,339**	**1,217**	**709**	**29,045**	**19,794**	**5,955**	**3,285**	(NA)	(NA)	(NA)
Delaware	92	64	17	10	465	322	94	49	482	478	439
Maryland	558	391	115	51	2,763	1,887	607	266	462	483	424
District of Columbia	81	57	16	7	351	243	73	35	399	411	365
Virginia	748	497	158	92	3,389	2,202	767	419	429	451	383
West Virginia	355	212	86	57	1,661	965	434	261	453	493	396
North Carolina	937	624	196	116	4,108	2,703	881	522	420	434	355
South Carolina	470	298	103	69	2,049	1,293	455	301	421	436	354
Georgia	790	496	176	117	3,425	2,122	795	506	416	437	362
Florida	2,241	1,700	350	190	10,834	8,057	1,849	926	459	480	429
E. So. Cent	**2,430**	**1,530**	**553**	**346**	**10,330**	**6,397**	**2,475**	**1,454**	(NA)	(NA)	(NA)
Kentucky	603	373	137	92	2,594	1,567	638	387	416	458	368
Tennessee	752	490	162	99	3,277	2,106	743	427	420	438	364
Alabama	650	408	155	87	2,789	1,720	694	375	416	446	358
Mississippi	426	259	99	68	1,670	1,004	400	265	386	422	329
W. So. Cent	**3,414**	**2,253**	**793**	**364**	**15,182**	**9,850**	**3,745**	**1,579**	(NA)	(NA)	(NA)
Arkansas	439	290	89	59	1,844	1,194	396	253	404	440	352
Louisiana	583	344	154	84	2,515	1,459	703	351	424	459	376
Oklahoma	488	339	104	45	2,218	1,505	507	205	434	454	389
Texas	1,904	1,280	446	176	8,605	5,692	2,139	770	440	457	396
Mt	**1,611**	**1,151**	**299**	**158**	**7,658**	**5,374**	**1,528**	**746**	(NA)	(NA)	(NA)
Montana	124	88	24	12	588	406	127	54	451	474	420
Idaho	140	103	25	12	665	478	129	57	449	474	415
Wyoming	53	38	11	4	257	181	58	19	461	465	423
Colorado	353	249	70	34	1,681	1,151	363	164	450	472	417
New Mexico	183	121	39	23	798	527	178	93	434	468	386
Arizona	480	350	80	49	2,325	1,670	413	240	468	496	430
Utah	161	117	31	12	779	563	159	56	469	484	434
Nevada	117	85	19	12	565	401	101	63	463	496	430
Pac	**4,528**	**3,297**	**783**	**443**	**22,455**	**16,029**	**4,176**	**2,241**	(NA)	(NA)	(NA)
Washington	625	463	106	54	3,156	2,297	584	273	478	493	438
Oregon	438	328	72	38	2,193	1,607	391	195	471	490	434
California	3,316	2,396	578	338	16,413	11,618	3,073	1,715	400	482	432
Alaska	24	15	7	3	115	70	32	13	470	495	397
Hawaii	125	95	20	10	578	437	96	45	459	467	403
Puerto Rico	544	286	99	159	1,531	768	308	455	288	375	263
Guam	4	2	1	–	11	6	4	1	347	380	294
American Samoa	3	1	1	1	6	3	2	1	279	328	241
Virgin Islands	8	6	2	1	33	21	8	3	415	418	356
Foreign	317	203	95	19	1,154	706	378	70	369	449	346

– Represents zero. NA Not available. [1] Includes special benefits; see footnote 8, table 611. [2] Includes benefits payable to dependents. [3] Includes lump-sum payments to survivors of deceased workers. [4] Excludes persons with special benefits. [5] Nondisabled only. [6] Preliminary.

Source: U.S. Social Security Administration. Periodically in *Social Security Bulletin*.

NO. 613. SOCIAL SECURITY (OASDI)—RETIREMENT BENEFITS, BY SEX: 1970 TO 1984

[As of **end of year.** Benefits in current-payment status. OASDI = Old-age, survivors, and disability insurance. Persons who retire at age 65 or older receive full benefits; those who retire between ages 62 and 64 receive reduced benefits. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 245-259]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984
MALE										
Number receiving benefits [1]	1,000	7,688	9,164	9,928	10,192	10,461	10,767	11,030	11,358	11,573
Full benefits	1,000	4,930	4,699	4,536	4,607	4,587	4,586	4,647	4,751	4,696
Reduced benefits	1,000	2,758	4,465	5,392	5,586	5,874	6,181	6,383	6,607	6,878
Average monthly benefits, total	Dollars	131	228	292	327	380	431	470	495	518
Full	Dollars	139	247	320	359	420	480	528	565	598
Reduced [2]	Dollars	115	207	268	300	350	395	427	444	463
FEMALE										
Number receiving benefits [1]	1,000	5,661	7,424	8,430	8,778	9,101	9,428	9,733	10,060	10,334
Full benefits	1,000	2,352	2,521	2,684	2,772	2,811	2,839	2,900	2,990	3,029
Reduced benefits	1,000	3,309	4,903	5,745	6,006	6,291	6,589	6,834	7,071	7,305
Average monthly benefits, total	Dollars	101	182	230	257	297	334	362	380	397
Full	Dollars	112	206	265	297	347	394	433	460	487
Reduced [2]	Dollars	94	169	214	238	275	309	332	345	359

[1] Includes disability beneficiaries who attained age 65. [2] After reduction.

Source: U.S. Social Security Administration, *Social Security Bulletin,* monthly. Data are published quarterly.

NO. 614. SOCIAL SECURITY—CHILD BENEFICIARIES AND BENEFITS: 1970 TO 1984

[Benefits in current-payment status at end of year. For explanation of methodology, see Appendix III]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984
Beneficiaries (1,000):									
Children	4,122	4,972	4,938	4,794	4,607	4,430	3,883	3,593	3,408
Under age 18	3,315	3,835	3,701	3,566	3,423	3,206	2,934	2,812	2,729
Disabled children [1]	271	362	420	435	450	463	472	488	506
Students, 18–21 years old	537	774	817	793	733	761	476	293	173
Of retired workers	546	643	661	652	639	633	558	512	478
Of deceased workers	2,688	2,919	2,780	2,711	2,610	2,546	2,321	2,146	2,009
Of disabled workers	889	1,411	1,497	1,431	1,358	1,252	1,004	936	921
Annual benefits (mil. dol.):									
Children	3,517	6,643	8,671	9,416	10,514	11,764	11,302	10,782	10,651
Under age 18	2,701	4,823	5,983	6,682	7,374	8,068	8,312	8,330	8,401
Disabled children [1]	250	537	780	892	1,048	1,236	1,387	1,497	1,621
Students, 18–21 years old	566	1,283	1,908	1,842	2,093	2,461	1,602	955	629
Of retired workers	303	634	921	1,014	1,142	1,321	1,223	1,143	1,135
Of deceased workers	2,760	4,868	6,093	6,608	7,389	8,307	8,204	7,911	7,775
Of disabled workers	454	1,121	1,657	1,794	1,982	2,136	1,875	1,728	1,741
Average monthly benefits, Dec. (dollars):									
Children of retired workers	45	77	106	119	140	161	165	176	186
Children of deceased workers	82	139	182	206	240	271	285	298	314
Children of disabled workers	39	62	83	95	110	123	128	136	139

[1] 18 years old and over. Disability began before age 18 and, beginning 1973, before age 22.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin,* and unpublished data.

NO. 615. EMPLOYEE-EMPLOYER PAYROLL TAX RATES FOR SOCIAL SECURITY PROGRAMS—SELECTED COUNTRIES: 1980 TO 1983

[**In percent.** Covers old-age, disability and survivors insurance, public health or sickness insurance, workers' compensation, unemployment insurance, and family allowance programs]

COUNTRY	ALL SOCIAL SECURITY PROGRAMS					OLD-AGE, DISABILITY AND SURVIVORS INSURANCE				
	1980, total	1982, total	1983			1980, total	1982, total	1983		
			Total	Employer	Employee			Total	Employer	Employee
United States	16.81	17.40	17.92	11.22	6.70	10.16	10.80	10.80	5.40	5.40
Canada	8.44	[1] 9.86	[1] 9.12	[1] 5.02	[1] 4.10	3.60	3.60	3.60	1.80	1.80
France	48.45	48.55	49.75	38.13	11.62	[2] 12.90	[2] 13.00	[2] 13.00	[2] 8.20	[2] 4.80
Germany, Fed. Rep.	34.00	35.10	35.70	18.60	17.10	18.00	18.00	18.00	9.00	9.00
Italy	55.02	56.71	56.91	48.61	8.30	24.46	24.46	24.66	17.51	7.15
Japan	20.57	22.94	22.94	12.84	10.10	9.10	10.60	10.60	5.30	5.30
Sweden	32.43	29.96	30.16	30.05	.11	20.80	18.35	19.55	19.55	-
United Kingdom	20.45	22.45	20.45	11.45	9.00	(NA)	(NA)	(NA)	(NA)	(NA)

- Represents zero. NA Not available. [1] Excludes work-injury compensation program. [2] Disability and survivors benefits financed through sickness insurance.

Source: U.S. Social Security Administration, Office of International Policy, "Payroll Tax Rates for Social Security Programs, 1980," mimeo (November 1980) and unpublished data.

No. 616. Indexes of Pensions, Average Weekly Earnings, and Consumer Prices—Selected Countries: 1975 to 1983

[1970=100. Relates to national social security systems. Pensions and wages data refer to average worker in manufacturing; price trend based on annual changes in consumer price index]

Country and index	1975	1980	1983	Annual percent change 1975–1980	Annual percent change 1980–1983
United States:					
Pensions	147	209	285	7.3	10.9
Wages	143	216	266	8.6	7.1
Prices	139	212	257	8.8	6.5
Canada:					
Pensions	151	229	316	8.7	11.2
Wages	163	264	340	10.1	8.9
Prices	143	217	286	8.7	9.7
France:					
Pensions	180	340	455	13.6	10.2
Wages	193	354	498	12.9	12.1
Prices	153	251	349	10.4	11.6
Germany, Fed. Rep.:					
Pensions	160	212	247	5.8	5.1
Wages	150	210	235	7.0	3.8
Prices	135	164	190	4.0	5.0
Italy:					
Pensions	224	572	1,104	20.6	24.5
Wages (hourly)	296	773	1,273	21.2	18.1
Prices	171	369	589	16.6	16.9
Japan:					
Pensions	285	676	717	18.9	2.0
Wages (avg. mo.)	229	342	391	8.4	4.5
Prices	172	236	259	6.5	3.1
Netherlands:					
Pensions	198	322	356	10.2	3.0
Wages	192	265	304	6.7	4.7
Prices	151	203	254	6.1	7.7
Sweden:					
Pensions	182	329	494	12.6	14.5
Wages (hourly)	176	291	357	10.6	7.1
Prices	147	242	320	10.5	9.9
Switzerland:					
Pensions	250	275	310	1.9	4.1
Wages	171	202	237	3.4	5.4
Prices	145	163	188	2.4	5.0
United Kingdom:					
Pensions	200	466	657	18.4	12.1
Wages	220	452	544	15.5	6.4
Prices	184	361	458	14.4	8.3

Source: U.S. Social Security Administration, unpublished data.

No. 617. Railroad Retirement and Survivor Benefits: 1970 to 1984

[For years ending **June 30** except, beginning **1978**, ending **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970*, series H 271–286]

Item	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984
Average number of railroad employees	1,000	650	575	538	555	539	512	459	401	401
Retirement and survivor benefits:										
Monthly benefits awarded	1,000	99	137	87	84	83	83	84	81	72
Recipients	1,000	1,051	1,094	1,101	1,093	1,084	1,074	1,067	1,056	1,040
Monthly benefits in current payment status (end of year)	1,000	1,036	1,160	1,204	1,205	1,203	1,203	1,201	1,193	1,183
Benefit payments	Mil. dol	1,594	3,060	3,988	4,275	4,731	5,287	5,726	6,041	6,099

Source: U.S. Railroad Retirement Board, *Annual Report.*

No. 618. Pension Plan Coverage of Civilian Workers by Wage or Salary Income: 1983

[Covers civilian workers as of **March** of following year who had earnings in year shown. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III]

Race, Spanish origin, sex, and age	Number with coverage (1,000)					Percent of total civilian workers				
	Total [1]	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000 and over	Total [1]	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000 and over
Total [2]	**47,080**	**4,808**	**8,665**	**9,078**	**22,613**	**43.4**	**25.8**	**48.5**	**63.8**	**75.4**
White	41,378	3,975	7,260	7,896	20,623	43.7	25.2	47.3	63.1	75.4
Black	4,669	730	1,214	1,018	1,456	41.8	30.2	57.5	71.0	79.3
Spanish origin [3]	2,016	298	492	447	676	33.4	21.1	39.5	57.9	69.5
Male [4]	28,216	1,580	3,240	4,659	18,000	48.3	21.5	40.8	58.8	75.2
15–24 yr. old	1,921	388	511	405	387	14.4	14.2	29.7	43.5	56.4
25–34 yr. old	8,013	465	1,126	1,738	4,550	48.7	21.8	38.2	56.3	67.9
35–44 yr. old	7,831	253	645	1,094	5,749	64.7	28.2	45.7	63.8	77.9
45–64 yr. old	10,038	409	921	1,371	7,100	67.5	33.6	52.7	65.8	80.6
Female [4]	18,864	3,228	5,424	4,419	4,612	37.7	28.5	54.6	70.2	76.4
15–24 yr. old	1,776	526	653	260	96	14.5	19.5	39.7	51.1	57.5
25–34 yr. old	5,872	811	1,769	1,606	1,388	41.6	25.7	53.5	68.5	70.2
35–44 yr. old	4,828	705	1,247	141	1,500	46.8	32.2	56.7	71.2	79.9
45–64 yr. old	6,085	1,091	1,694	1,382	1,576	50.6	37.5	63.2	77.6	81.2

[1] Includes workers with income under $5,000, not shown separately. [2] Includes other races, not shown separately.
[3] Persons of Spanish origin may be of any race. [4] Includes persons 65 years old and over, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 148.

No. 619. Individual Retirement Account (IRA), Keogh Account and Pension Plan Coverage of Employed Persons: 1983

[In **thousands, except percent.** As of **May.** Covers only persons employed for pay. Data based on supplement to Current Population Survey (see text, pp. 1 and 2) conducted for U.S. Dept. of Health and Human Services and Employee Benefit Research Institute]

Sex, age, and class of worker	Employed persons	IRA and Keogh account				Nonagricultural wage and salary workers	Pension plan coverage			
		Persons with an IRA [1]		Persons with spousal IRA [1]	Persons with Keogh account [2]		Persons covered		Persons participating in plan	Persons with vesting [3]
		Number	Percent of employed				Number	Percent of wage and salary workers		
Total	**98,964**	**16,713**	**16.9**	**1,954**	**439**	**88,214**	**49,530**	**56.1**	**40,699**	**28,708**
Male	56,028	10,224	18.3	1,812	392	48,199	28,515	59.2	24,808	17,824
Female	42,936	6,489	15.1	142	(4)	40,015	21,015	52.5	15,891	10,884
Less than 25 yr. old	19,122	445	2.3	(4)	(4)	17,991	6,376	35.4	3,225	1,536
25–34 yr. old	28,773	3,108	10.8	113	(4)	26,020	15,239	58.6	12,390	7,672
35–44 yr. old	21,464	3,967	18.5	279	92	18,971	12,232	64.5	10,920	8,157
45–54 yr. old	15,493	4,532	29.3	580	133	13,590	8,737	64.3	7,990	6,296
55–59 yr. old	6,897	2,687	39.0	518	99	6,059	4,071	67.2	3,705	3,009
60–64 yr. old	4,321	1,482	34.3	336	(4)	3,611	2,184	60.5	2,003	1,648
65 yr. old and over	2,870	491	17.1	124	(4)	1,971	691	35.1	465	390
Private	74,071	12,040	16.3	1,475	(X)	72,465	36,458	50.3	29,167	18,599
Federal government	3,235	778	24.1	(4)	(X)	3,235	2,809	86.8	2,564	2,325
State and local government	12,513	2,245	17.9	185	(X)	12,513	10,263	82.0	8,968	7,783
Self-employed	9,144	1,649	18.0	229	439	(X)	(X)	(X)	(X)	(X)

X Not appliable. [1] Figures represent IRA participation in 1982. [2] A retirement plan similar to IRAs which is available to self-employed persons and unincorporated partnerships only. [3] Workers entitled to receive retirement benefits and those eligible for lump sum distributions. [4] Figure does not meet standards of reliability.

Source: Employee Benefit Research Institute, Washington, DC, *Individual Retirement Accounts: Characteristics and Policy Implications,"* Issue Brief #32, 1984, and *New Survey Findings on Pension Coverage and Benefit Entitlement,"* Issue Brief #33, 1984, and unpublished data.

No. 620. Individual Retirement Account (IRA) and Pension Plan Coverage by Annual Earnings: 1983

[See headnote, table 619]

Earnings in 1982	Employed persons (1,000)	Persons with IRA [1]			Nonagricultural wage and salary workers (1,000)	Pension plan coverage				
						Persons covered		Persons with vesting [2]		
		Number (1,000)	Percent distribution	Percent of employed persons		Number (1,000)	Percent of wage and salary workers	Number (1,000)	Percent of wage and salary workers	Percent of those covered
Total	**98,964**	**16,713**	**100.0**	**16.9**	**88,214**	**49,530**	**56.1**	**28,708**	**32.5**	**58.0**
$1–$4,999	11,940	842	5.0	7.1	10,014	2,433	24.3	358	3.6	14.7
$5,000–$9,999	16,738	1,417	8.5	8.5	15,323	5,747	37.5	2,023	13.2	35.2
$10,000–$14,999	19,044	2,109	12.6	11.1	17,827	10,328	57.9	5,484	30.8	53.1
$15,000–$19,999	13,644	2,366	14.2	17.3	13,101	9,422	71.9	5,874	44.8	62.3
$20,000–$24,999	10,685	2,146	12.8	20.1	10,283	8,159	79.3	5,641	54.9	69.1
$25,000–$29,999	5,817	1,654	9.9	28.4	5,515	4,365	79.1	3,048	55.3	69.8
$30,000–$49,999	7,178	2,781	16.6	38.7	6,611	5,547	83.9	4,070	61.6	73.4
$50,000 and over	2,020	1,165	7.0	57.7	1,615	1,371	84.9	1,106	68.5	80.7
Not reported	11,897	2,232	13.4	18.8	7,924	2,158	27.2	1,105	13.9	51.2

[1] Numbers represent IRA participation in 1982. [2] See footnote 3, table 619.

Source: Emily S. Andrews, *The Changing Profile of Pensions in America*, Employee Benefit Research Institute, Washington, DC, forthcoming.

NO. 621. ASSETS OF PRIVATE AND PUBLIC PENSION FUNDS, BY TYPE OF FUND: 1970 TO 1984

[**In billions of dollars.** As of **end of year.** Except for corporate equities, represents book value. Excludes Social Security trust funds, see table 610]

TYPE OF PENSION FUND	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total, all types	**239.2**	**405.6**	**513.8**	**592.6**	**699.6**	**859.1**	**941.2**	**1,122.7**	**1,321.7**	**1,433.0**
Private funds	151.4	258.9	328.4	379.0	462.2	584.6	630.8	761.0	894.2	948.2
Insured	41.0	72.3	103.2	121.6	143.5	172.0	199.8	242.9	286.4	324.8
Noninsured [1]	110.4	186.6	225.1	257.4	318.6	412.7	431.0	518.1	607.8	623.3
Corporate equities	67.1	102.1	111.3	116.9	146.6	209.5	195.6	248.4	306.2	294.1
U.S. Government securities	3.0	24.9	38.9	43.9	55.5	75.0	101.1	136.8	152.3	171.0
Corporate bonds [2]	29.4	43.9	48.2	58.5	71.3	82.0	85.4	86.5	92.3	94.5
Other	10.9	15.7	26.7	38.1	45.2	46.2	48.9	46.4	57.0	63.7
Public funds	87.8	146.7	185.4	213.6	237.4	274.5	310.4	361.7	427.5	484.8
State and local government	60.3	104.8	132.5	153.9	169.7	198.1	224.2	263.8	315.5	354.9
Corporate bonds [2]	35.1	61.8	72.9	81.9	85.0	94.5	103.6	108.8	110.7	113.3
Corporate equities	8.0	23.2	30.0	32.7	36.8	42.1	50.5	60.6	82.8	91.2
U.S. Government securities	6.6	7.8	16.3	23.4	30.1	40.0	51.8	70.7	86.2	113.0
Other	10.6	12.0	13.2	15.9	17.8	21.4	18.3	23.7	33.8	37.4
U.S. Government	27.5	41.9	52.9	59.8	67.7	76.4	86.2	97.9	112.0	130.0
Civil service [3]	23.0	38.5	50.0	56.7	64.6	73.9	84.8	97.4	111.4	126.9
Railroad retirement	4.5	3.4	2.9	3.1	3.1	2.5	1.4	.5	.6	3.1

[1] Covers all pension funds of corporations, nonprofit organizations, unions, and multi-employer groups. Also includes deferred profit-sharing plans; excludes health, welfare, and bonus plans. [2] Includes foreign bonds. [3] Includes U.S. Foreign Service Retirement and Disability Trust Fund.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, Assets and Liabilities Outstanding, 1957-83; Annual Statistical Digest,* and unpublished data.

NO. 622. PUBLIC EMPLOYEE RETIREMENT SYSTEMS—BENEFICIARIES AND BENEFITS: 1970 TO 1982

[Number of beneficiaries as of end of year]

YEAR	Unit	Total	LEVEL OF GOVERNMENT				TYPE OF BENEFIT			
			Federal			State and local	Age and service	Disability	Survivor	
			Total [1]	Civil service	Armed Forces				Monthly	Lump-sum
Beneficiaries:										
1970	1,000	3,050	1,759	959	773	1,291	2,204	419	427	(X)
1975	1,000	4,428	2,480	1,372	1,073	1,948	3,243	549	636	(X)
1977	1,000	5,006	2,735	1,488	1,208	2,271	3,660	611	735	(X)
1978	1,000	5,175	2,857	1,564	1,252	2,318	3,791	648	737	(X)
1979	1,000	5,409	2,946	1,617	1,286	2,463	3,982	679	749	(X)
1980	1,000	5,659	3,052	1,675	1,330	2,607	4,200	708	751	(X)
1981	1,000	5,969	3,217	1,805	1,364	2,752	4,427	751	791	(X)
1982	1,000	6,202	3,305	1,858	1,398	2,897	4,610	779	813	(X)
Benefits:										
1970	Mil. dol	9,355	6,075	2,820	3,133	3,280	7,210	1,312	645	189
1975	Mil. dol	21,617	14,592	7,532	6,808	7,025	17,200	2,707	1,439	271
1977	Mil. dol	27,429	18,429	9,626	8,479	9,000	21,795	3,500	1,842	292
1978	Mil. dol	30,873	20,709	10,925	9,420	10,164	24,452	3,985	2,111	324
1979	Mil. dol	35,068	23,578	12,519	10,642	11,490	27,730	4,560	2,445	333
1980	Mil. dol	41,060	28,042	15,065	12,478	13,018	32,416	5,371	2,896	377
1981	Mil. dol	46,821	32,066	17,565	13,939	14,755	36,806	6,219	3,382	414
1982	Mil. dol	51,812	35,245	19,320	15,300	16,568	40,659	6,953	3,762	438

X Not applicable. [1] Includes other Federal systems, not shown separately.

NO. 623. PUBLIC EMPLOYEE RETIREMENT SYSTEMS—AVERAGE ANNUAL BENEFITS PER ANNUITANT: 1970 TO 1982

LEVEL OF GOVERNMENT AND TYPE OF BENEFIT	CURRENT DOLLARS							CONSTANT (1982) DOLLARS [1]		
	1970	1975	1978	1979	1980	1981	1982	1980	1981	1982
All recipients, all gov'ts	**$3,005**	**$4,821**	**$5,093**	**$6,422**	**$7,190**	**$7,774**	**$8,283**	**$8,246**	**$8,222**	**$8,283**
Age and service	3,271	5,304	6,450	6,964	7,719	8,314	8,819	8,853	8,793	8,119
Disability	3,136	4,931	6,150	6,716	7,588	8,280	8,924	8,703	8,758	8,924
Survivor	1,512	2,263	2,864	3,264	3,855	4,274	4,629	4,421	4,621	4,629
Federal recipients, total	**3,440**	**5,875**	**7,238**	**7,996**	**9,181**	**9,953**	**10,652**	**10,530**	**10,527**	**10,652**
Age and service	4,065	6,873	8,342	9,219	10,529	11,468	12,310	12,076	12,130	12,310
Disability	3,174	5,254	6,638	7,275	8,324	9,058	9,717	9,547	9,581	9,717
Survivor	1,446	2,558	3,389	3,794	4,481	4,812	5,100	5,139	5,090	5,100
State and local recipients, total	**2,413**	**3,478**	**4,258**	**4,539**	**4,859**	**5,228**	**5,582**	**5,573**	**5,530**	**5,582**
Age and service	2,452	3,690	4,541	4,764	5,029	5,331	5,616	5,768	5,639	5,616
Disability	2,965	3,867	4,748	5,255	5,821	6,507	7,244	6,676	6,882	7,244
Survivor	1,667	1,719	1,924	2,262	2,624	3,094	3,527	3,010	3,273	3,527

[1] Constant dollar figures are based on implicit price deflators for personal consumption expenditures published by U.S. Bureau of Economic Analysis; see table 775.

Source of tables 622 and 623: U.S. Social Security Administration, *Social Security Bulletin,* April 1985; and unpublished data.

NO. 624. FEDERAL CIVIL SERVICE RETIREMENT: 1970 TO 1984

[As of **June 30** or for years ending **June 30** except, beginning **1978**, as of **Sept. 30** or for year ending **Sept. 30.** See text, p. 352. See also *Historical Statistics, Colonial Times to 1970,* series H 262-270]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984
Annuitants, total	1,000	958	1,372	1,564	1,617	1,675	1,779	1,828	1,870	1,910
Age and service	1,000	477	732	825	857	905	973	1,010	1,045	1,082
Disability	1,000	185	258	323	333	343	348	348	343	338
Survivors	1,000	296	382	416	427	427	458	470	482	490
Receipts, total [1]	Mil. dol	4,683	11,377	17,640	20,548	24,389	28,529	31,856	34,711	36,841
Employee contributions	Mil. dol	1,740	2,554	3,194	3,447	3,686	4,006	4,171	4,399	4,608
Federal government contributions	Mil. dol	1,952	6,707	11,035	12,865	15,562	18,193	19,443	20,615	20,848
Disbursements, total [2]	Mil. dol	2,752	7,207	11,014	12,593	14,977	17,779	19,656	20,889	21,951
Age and service annuitants [3]	Mil. dol	2,129	6,052	9,246	10,571	12,639	15,010	16,406	17,602	18,403
Survivors	Mil. dol	389	908	1,423	1,618	1,912	2,265	2,533	2,783	2,943
Average monthly benefit:										
Age and service	Dollars	362	620	827	924	992	1,036	1,117	1,150	1,149
Disability	Dollars	221	406	562	629	723	756	820	851	851
Survivors	Dollars	116	209	296	336	392	419	463	486	501
Cash and security holdings	Bil. dol	22.4	38.4	56.3	64.3	73.7	84.4	96.6	110.5	125.3

[1] Includes interest on investments. [2] Includes refunds, death claims, and administration. [3] Includes disability annuitants.

Source: U.S. Office of Personnel Management, *Compensation Report,* annual.

NO. 625. STATE AND LOCAL GOVERNMENT RETIREMENT SYSTEMS—FINANCES: 1970 TO 1984

[**In millions of dollars.** For fiscal years closed during the 12 months ending June 30]

YEAR AND LEVEL OF GOVERNMENT	RECEIPTS					BENEFITS AND WITHDRAWALS			Cash and security holdings
	Total	Employee contributions	Government contributions		Earnings on investments	Total	Benefits	Withdrawals	
			State	Local					
1970: All systems	9,848	2,788	2,046	2,554	2,460	3,638	3,037	601	54,918
State-administered	7,184	2,149	1,978	1,237	1,821	2,382	1,913	469	39,966
Locally administered	2,664	639	67	1,318	639	1,256	1,124	132	14,952
1975: All systems	18,898	4,488	4,093	5,023	5,294	7,490	6,540	950	98,064
State-administered	14,208	3,552	3,974	2,623	4,059	5,207	4,480	727	74,703
Locally administered	4,690	936	119	2,400	1,236	2,283	2,060	223	23,361
1980: All systems	37,313	6,466	7,581	9,951	13,315	14,008	12,207	1,801	185,226
State-administered	28,603	5,285	7,399	5,611	10,308	10,257	8,809	1,448	144,682
Locally administered	8,710	1,180	181	4,340	3,008	3,752	3,399	353	40,544
1983: All systems	57,906	8,699	9,862	13,074	26,271	19,254	17,484	1,770	289,731
State-administered	45,127	7,196	9,611	7,585	20,734	14,204	12,757	1,447	229,685
Locally administered	12,779	1,503	251	5,489	5,537	5,050	4,727	323	60,046
1984: All systems	62,092	8,845	10,679	13,928	28,640	22,281	19,814	2,467	323,455
State-administered	48,724	7,306	10,458	8,063	22,897	16,492	14,594	1,898	255,669
Locally administered	13,369	1,539	221	5,866	5,744	5,789	5,220	569	67,786

Source: U.S. Bureau of the Census, *Finances of Employee-Retirement Systems of State and Local Governments,* series GF, No. 2, annual.

NO. 626. PROTECTION AGAINST SHORT-TERM SICKNESS INCOME LOSS: 1970 TO 1982

[**In millions of dollars, except percent.** "Short-term sickness" refers to short-term or temporary nonwork-connected disability (lasting not more than 6 months) and the first 6 months of long-term disability. See also *Historical Statistics, Colonial Times to 1970,* series H 115-124]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982
Short-term sickness: Income loss	16,757	23,595	26,447	28,225	32,811	36,072	38,529	41,278	42,558
Total protection provided [1]	**5,888**	**9,002**	**9,819**	**10,559**	**11,751**	**13,371**	**15,058**	**15,638**	**16,679**
Protection as percent of loss	35.1	38.2	37.1	37.4	35.8	37.1	39.1	37.9	39.2
Benefits provided by protection:									
Individual insurance	694	973	881	940	1,210	1,322	1,280	1,291	1,655
Group benefits to workers in private employment	2,952	4,328	4,900	5,284	5,782	6,987	8,265	8,536	8,849
Private cash insurance [2]	1,476	2,011	2,267	2,344	2,403	3,216	3,903	3,484	3,281
Publicly operated cash sickness funds [3]	411	538	581	582	609	699	770	953	987
Sick leave	1,066	1,779	2,052	2,359	2,770	3,072	3,593	4,099	4,581
Sick leave for government employees	2,242	3,542	3,868	4,144	4,579	4,892	5,338	5,640	6,026

[1] Provided by individual insurance, group benefits to workers in private employment, and sick leave for government employees. Beginning 1975, includes benefits for the sixth month of disability payable under old-age, survivors, disability, and health insurance program, not shown separately. [2] Group accident and sickness insurance and self-insurance privately written either on a voluntary basis or in compliance with State temporary disability insurance laws in CA, NJ, and NY. Includes a small but undetermined amount of group disability insurance benefits paid to government workers and to self-employed persons through farm, trade, or professional associations. [3] Includes State-operated plans in RI, CA, and NJ; State Insurance Fund and special fund for disabled unemployed in New York; and provisions of Railroad Unemployment Insurance Act.

Source: U.S. Social Security Administration, *Social Security Bulletin,* August 1984; and unpublished data.

NO. 627. MEDICARE PROGRAM—ENROLLMENT AND PAYMENTS: 1970 TO 1984

[Enrollment as of **July 1**; payments for calendar year. Benefit payments represent trust fund outlays. Includes Puerto Rico, outlying areas, and enrollees in foreign countries. See text, p. 351 for explanation of coverage]

TYPE OF INSURANCE	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
HOSPITAL INSURANCE											
Enrollment, total	1,000	20,361	24,640	26,094	26,777	27,459	28,067	28,590	29,069	29,587	29,996
Persons aged 65 and over	1,000	20,361	22,472	23,475	23,984	24,548	25,104	25,591	26,115	26,670	27,112
Male	1,000	8,507	9,168	9,537	9,728	9,945	10,156	10,340	10,538	10,755	10,920
Female	1,000	11,855	13,304	13,937	14,256	14,604	14,948	15,250	15,577	15,915	16,192
Disabled persons [1]	1,000	(X)	2,168	2,619	2,793	2,911	2,963	2,999	2,954	2,918	2,884
Male	1,000	(X)	1,381	1,654	1,763	1,837	1,871	1,896	1,865	1,846	1,830
Female	1,000	(X)	788	965	1,030	1,073	1,093	1,103	1,089	1,072	1,054
Benefit payments	Mil. dol	5,124	11,315	15,737	17,682	20,623	25,064	30,342	35,631	39,337	43,257
MEDICAL INSURANCE											
Enrollment, total	1,000	19,584	23,904	25,364	26,074	26,757	27,400	27,941	28,412	28,975	29,415
Persons aged 65 and over	1,000	19,584	21,945	22,991	23,531	24,098	24,680	25,182	25,707	26,292	26,764
Male	1,000	8,132	8,873	9,240	9,436	9,645	9,868	10,055	10,250	10,479	10,652
Female	1,000	11,452	13,073	13,751	14,094	14,454	14,813	15,127	15,457	15,813	16,112
Disabled persons [1]	1,000	(X)	1,959	2,373	2,543	2,659	2,719	2,759	2,705	2,682	2,651
Male	1,000	(X)	1,231	1,475	1,582	1,655	1,695	1,724	1,688	1,677	1,664
Female	1,000	(X)	729	897	961	1,004	1,025	1,036	1,018	1,005	987
Benefit payments	Mil. dol	1,975	4,273	6,038	7,252	8,708	10,635	13,113	15,455	18,106	19,661

X Not applicable. [1] Age under 65; includes persons enrolled because of end-stage renal disease (ESRD) only.

Source: U.S. Health Care Financing Administration. Published in U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin.*

NO. 628. MEDICARE—PERSONS SERVED AND REIMBURSEMENTS: 1975 TO 1983

[Persons served are enrollees who use covered services, incurred expenses greater than the applicable deductible amounts and for whom Medicare paid benefits. Reimbursements are amounts paid to providers for covered services. Excluded are retroactive adjustments resulting from end of fiscal year cost settlements and certain lump-sum interim payments. Also excluded are beneficiary (or third party payor) liabilities for applicable deductibles, coinsurance amounts, and charges for non-covered services. Includes data for enrollees living in outlying territories and foreign countries]

TYPE OF COVERAGE AND SERVICE	Unit	PERSONS 65 YEARS OLD AND OVER				DISABLED PERSONS [1]			
		1975	1980	1982	1983	1975	1980	1982	1983
Persons served, total [2]	**1,000**	**12,032**	**16,271**	**17,023**	**17,897**	**975**	**1,760**	**1,799**	**1,835**
Hospital insurance [2]	1,000	4,963	6,024	6,548	6,691	475	728	759	752
Inpatient hospital	1,000	4,913	5,951	6,338	6,441	472	721	739	729
Skilled-nursing services	1,000	260	248	244	257	8	9	8	8
Home health services [3]	1,000	329	675	1,074	1,228	22	51	80	90
Supplementary medical insurance [2]	1,000	11,762	16,099	16,807	17,675	924	1,723	1,760	1,797
Physicians' and other medical services	1,000	11,396	15,627	16,346	17,209	865	1,631	1,671	1,714
Outpatient services	1,000	3,768	6,629	7,465	8,065	399	909	982	1,024
Home health services [3]	1,000	161	302	17	20	13	25	(X)	(X)
Persons served per 1,000 enrollees, total [2]	**Rate**	**528**	**638**	**641**	**660**	**450**	**594**	**609**	**629**
Hospital insurance [2]	Rate	221	240	251	251	219	246	257	258
Inpatient hospital	Rate	219	237	243	242	218	243	250	250
Skilled-nursing services	Rate	12	10	9	10	4	3	3	3
Home health services [3]	Rate	15	27	41	46	10	17	27	31
Supplementary medical insurance [2]	Rate	536	652	654	672	471	634	651	670
Physicians' and other medical services	Rate	519	633	636	655	442	600	618	639
Outpatient services	Rate	172	269	290	307	204	334	363	382
Home health services [3]	Rate	7	12	1	1	7	9	(X)	(X)
Reimbursements, total	**Mil. dol**	**12,689**	**29,134**	**41,526**	**46,727**	**1,509**	**4,478**	**6,172**	**6,711**
Hospital insurance	Mil. dol	9,209	20,353	29,214	32,141	987	2,765	3,878	4,173
Inpatient hospital	Mil. dol	8,840	19,583	27,834	30,469	968	2,714	3,776	4,050
Skilled-nursing services	Mil. dol	233	331	388	413	9	13	14	15
Home health services [3]	Mil. dol	136	440	992	1,258	10	38	89	108
Supplementary medical insurance	Mil. dol	3,481	8,781	12,311	14,586	522	1,713	2,294	2,538
Physicians' and other medical services	Mil. dol	3,050	7,361	10,311	12,105	295	997	1,385	1,555
Outpatient services	Mil. dol	374	1,261	1,982	2,460	221	701	909	983
Home health services [3]	Mil. dol	56	159	19	22	5	16	(X)	(X)
Reimbursements, per person served, total	**Dollars**	**1,055**	**1,791**	**2,439**	**2,611**	**1,548**	**2,544**	**3,431**	**3,658**
Hospital insurance	Dollars	1,855	3,379	4,462	4,804	2,077	3,798	5,110	5,550
Inpatient hospital	Dollars	1,799	3,291	4,391	4,730	2,051	3,765	5,109	5,558
Skilled-nursing services	Dollars	896	1,336	1,591	1,612	1,049	1,571	1,762	1,856
Home health services [3]	Dollars	413	652	923	1,025	478	733	1,109	1,200
Supplementary medical insurance	Dollars	296	545	733	825	565	994	1,303	1,412
Physicians' and other medical services	Dollars	268	471	631	703	341	611	828	908
Outpatient services	Dollars	99	190	265	305	554	771	926	960
Home health services [3]	Dollars	347	526	1,091	1,098	420	619	(X)	(X)

X Not applicable. [1] Age under 65; includes persons enrolled because of end-stage renal disease (ESRD) only. [2] Persons are counted once for each type of covered service used, but are not double counted in totals. [3] Beginning 1982, a change in legislation resulted in virtually all home health services being paid under hospital insurance.

Source: U.S. Health Care Financing Administration, *Medicare Program Statistics,* annual; and unpublished data.

No. 629. Medicare—Hospital Utilization and Hospital and Physician Charges: 1970 to 1983

[Data reflect date claims approved for payment and cover only claims approved and recorded in Health Care Financing Administration central records before December 31, 1984. Includes Puerto Rico, outlying areas and enrollees in foreign countries]

ITEM	Unit	PERSONS 65 YEARS OLD AND OVER					DISABLED PERSONS [1]			
		1970	1975	1980	1982	1983	1975	1980	1982	1983
Hospital inpatient care:										
Admissions	1,000	6,141	7,404	9,258	10,084	10,458	850	1,317	1,394	1,398
Per 1,000 enrollees [2]	Rate	304	332	369	386	392	394	445	472	479
Covered days of care	Millions	80	84	97	101	98	9	13	14	13
Per 1,000 enrollees [2]	Rate	3,949	3,786	3,861	3,854	3,664	4,136	4,483	4,641	4,437
Per admission	Days	13.0	11.4	10.5	10.0	9.3	10.5	10.1	9.8	9.3
Hospital charges	Mil. dol	5,940	12,021	28,119	41,013	46,139	1,320	3,976	5,672	6,186
Per day	Dollars	74	142	290	407	472	148	299	414	478
Percent of charges reimbursed	Percent	77.1	75.2	69.6	67.2	64.9	73.1	68.5	66.7	64.9
Physician charges	Mil. dol	[3] 2,157	3,907	8,802	12,383	14,438	344	1,079	1,495	1,711
Percent reimbursed	Percent	[3] 72.9	74.1	77.8	77.9	77.5	75.6	78.6	78.5	78.1

[1] Age under 65; includes persons enrolled because of end-stage renal disease (ESRD) only. [2] Hospital insurance enrollment as of July 1.
[3] Data reflect date paid claims were recorded in Health Care Financing Administration records.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, quarterly; and unpublished data. Also in U.S. Social Security Administration, *Social Security Bulletin*, quarterly.

No. 630. Medicare—Enrollment and Reimbursements by Level of Reimbursement: 1983

[See headnote, table 628. HI=Hospital insurance; SMI=Supplementary medical insurance. Enrollees represent persons ever enrolled during calendar year]

TYPE OF COVERAGE	TOTAL		PERCENT DISTRIBUTION BY LEVEL OF REIMBURSEMENT							
	Unit	Amount	Persons with no reimbursement	Persons with reimbursement	Less than $1,000	$1,000–$1,999	$2,000–$4,999	$5,000–$9,999	$10,000–$14,999	$15,000 or more
HI AND/OR SMI										
Aged: [1] Enrollees	1,000	28,610	37.4	62.6	38.9	5.5	8.6	5.2	2.1	2.3
Reimbursements	Mil.dol	46,727	(x)	100.0	5.8	4.9	17.2	22.7	15.5	33.9
Disabled: [2] Enrollees	1,000	3,213	42.9	57.1	32.5	5.7	7.9	4.9	2.2	3.9
Reimbursements	Mil.dol	6,711	(x)	100.0	4.1	4.0	12.2	16.8	13.1	49.7
HOSPITAL INSURANCE										
Aged: [1] Enrollees	1,000	28,147	76.2	23.8	5.3	4.5	6.8	4.1	1.5	1.5
Reimbursements	Mil.dol	32,141	(x)	100.0	2.4	5.8	19.5	25.5	16.3	30.5
Disabled: [2] Enrollees	1,000	3,213	76.6	23.4	5.0	4.3	6.5	4.0	1.6	2.0
Reimbursements	Mil.dol	4,173	(x)	100.0	2.0	4.8	16.3	21.9	15.2	39.7

X Not applicable. [1] Persons 65 years old and over. [2] Age under 65; includes persons enrolled because of end-stage renal disease (ESRD) only.

Source: U.S. Health Care Financing Administration, *Medicare Program Statistics*, annual.

No. 631. Medicare and Medicaid—Selected Characteristics of Persons Covered, by Poverty Status: 1980 to 1983

[**In thousands, except percent.** Represents number of persons as of **March** of following year who were enrolled at any time in year shown. Person did not have to receive medical care paid for by Medicare or Medicaid in order to be counted. For Medicare, covers persons 15 years old and over; for Medicaid covers persons of all ages. See headnote, table 599]

POVERTY STATUS	1980, total	1981, total	1982, total	1983							
				Total [1]	White	Black	Spanish origin [2]	Under 15 years old	15–44 years old	45–64 years old	65 years and over
MEDICARE											
Persons covered, total	**26,200**	**27,208**	**27,522**	**27,878**	**24,986**	**2,558**	**709**	(x)	**605**	**2,054**	**25,219**
Percent of total population	15.1	15.4	15.5	15.5	(NA)	(NA)	(NA)	(x)	.6	4.7	96.3
Below poverty level	4,300	4,454	4,187	4,099	3,050	989	177	(x)	188	428	3,483
Above poverty level	21,900	22,754	23,335	23,779	21,936	1,569	532	(x)	417	1,626	21,736
MEDICAID											
Persons covered, total	**18,966**	**19,407**	**18,914**	**19,286**	**11,964**	**6,509**	**2,319**	**7,111**	**7,317**	**1,981**	**2,878**
Below poverty level	11,113	11,687	12,629	13,224	7,472	5,151	1,594	5,747	5,062	1,197	1,218
Above poverty level	7,854	7,720	6,285	6,062	4,492	1,358	725	1,364	2,255	784	1,660
Percent of total population	**8.4**	**8.6**	**8.3**	**8.3**	**6.1**	**23.5**	**16.7**	**13.8**	**6.7**	**4.5**	**11.0**
Below poverty level	39.1	37.8	37.9	38.7	32.4	53.0	40.2	49.4	34.7	27.7	33.7
Above poverty level	4.0	3.9	3.2	3.1	2.6	7.6	7.3	3.4	2.4	2.0	7.4

NA Not available. X Not applicable. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 148, and earlier reports.

No. 632. Households Receiving Medicare or Medicaid, by Income Level: 1983

[Households as of **March 1984.** See headnote, table 599. Persons of Spanish origin may be of any race. For definitions of household types, see text, p. 4. Hhlds. = households]

Race, Spanish origin, and household type	Recipient households (1,000)							Recipient hhlds. as percent of total		
	Total	Total money income				Below poverty level	Above poverty level	Total	Below poverty level	Above poverty level
		Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000 and over					
MEDICARE										
Total households[1]	**20,891**	**3,033**	**5,415**	**3,690**	**8,752**	**3,541**	**17,350**	**24.5**	**28.4**	**23.8**
White	18,614	2,386	4,703	3,410	8,120	2,639	15,975	25.0	29.4	24.4
Black	2,017	613	646	262	496	846	1,171	21.8	26.9	19.2
Spanish origin	565	103	188	80	194	153	412	13.1	13.2	13.0
Married-couple families	9,847	311	1,616	1,941	5,979	742	9,105	19.7	19.4	19.7
Female family householder[2]	1,938	178	477	346	937	388	1,550	19.6	10.9	24.5
Nonfamily households	8,596	2,514	3,234	1,332	1,516	2,348	6,248	36.7	48.5	33.7
MEDICAID										
Total households[1]	**8,148**	**3,044**	**2,630**	**969**	**1,505**	**4,955**	**3,193**	**9.5**	**39.7**	**4.4**
White	5,427	1,843	1,757	705	1,122	2,981	2,446	7.3	33.2	3.7
Black	2,488	1,145	775	233	335	1,825	663	26.9	58.1	10.9
Spanish origin	893	283	336	98	176	545	348	20.6	47.0	11.0
Married-couple families	2,461	322	803	465	871	1,038	1,423	4.9	27.2	3.1
Female family householder[2]	3,171	1,313	1,160	348	350	2,364	807	32.1	66.5	12.8
Nonfamily households	2,202	1,361	571	121	149	1,431	771	9.4	29.5	4.2

[1] Includes items not shown separately. [2] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 148.

No. 633. Medicare and Medicaid—Summary, by State and Other Areas: 1980 and 1984

[For composition of regions, see fig. I, inside front cover]

Region, division, and state	Medicare			Medicaid [3]			Division and state or other area	Medicare			Medicaid [3]		
	Enrollment,[1] 1984 (1,000)	Payments [2] (mil. dol.)		Recipients,[4 5] 1984 (1,000)	Payments (mil. dol.)			Enrollment,[1] 1984 (1,000)	Payments [2] (mil. dol.)		Recipients,[4 5] 1984 (1,000)	Payments (mil. dol.)	
		1980	1984		1980	1984 [5]			1980	1984		1980	1984 [5]
Total	**29,996**	**35,699**	**62,918**	**21,181**	**23,311**	**34,148**	**So. Atl.**—Con.						
U.S.[6]	**29,366**	**35,561**	**62,683**	**20,064**	**23,210**	**34,017**	DC	73	149	254	104	168	160
Region:							VA	606	614	1,125	301	359	494
Northeast	6,844	9,071	15,866	4,971	8,138	12,098	WV	282	260	492	186	104	134
Midwest	7,639	9,507	15,844	5,188	5,637	8,667	NC	739	642	1,162	340	401	606
South	9,788	10,412	19,406	5,518	5,557	8,075	SC	360	302	558	231	258	288
West	5,074	6,529	11,554	4,387	3,878	5,177	GA	622	601	1,125	439	462	608
N. Eng	**1,725**	**2,238**	**3,809**	**1,109**	**1,781**	**2,537**	FL	1,901	2,278	4,297	572	392	740
ME	165	177	316	122	131	211	**E. So. Cent**	**1,921**	**1,878**	**3,412**	**1,432**	**1,150**	**1,699**
NH	121	120	221	39	72	109	KY	477	437	785	469	296	486
VT	68	68	123	53	59	89	TN	605	594	1,100	345	380	540
MA	804	1,179	1,988	559	1,009	1,349	AL	511	523	944	316	263	366
RI	145	189	280	116	160	238	MS	329	324	582	302	211	307
CT	422	505	881	220	350	541	**W. So. Cent**	**2,752**	**2,979**	**5,722**	**1,542**	**1,896**	**2,784**
Mid. Atl	**5,119**	**6,833**	**12,058**	**3,862**	**6,357**	**9,561**	AR	356	333	621	193	235	326
NY	2,360	3,409	5,555	2,205	4,543	6,795	LA	458	467	874	382	415	682
NJ	990	1,198	2,341	597	756	1,082	OK	407	443	763	252	265	403
PA	1,769	2,226	4,161	1,060	1,058	1,684	TX	1,531	1,736	3,464	715	981	1,373
E. No. Cent	**5,196**	**6,720**	**11,299**	**3,979**	**4,114**	**6,312**	**Mt**	**1,302**	**1,304**	**2,453**	**433**	**505**	**783**
OH	1,365	1,606	2,803	1,015	809	1,613	MT	102	99	177	47	62	93
IN	682	719	1,221	272	354	642	ID	114	97	177	37	52	68
IL	1,401	2,046	3,349	1,046	1,192	1,551	WY	44	44	79	15	14	26
MI	1,099	1,620	2,702	1,155	1,072	1,574	CO	291	315	587	155	182	290
WI	650	729	1,224	491	687	932	NM	142	137	260	83	70	129
W. No. Cent	**2,443**	**2,787**	**4,545**	**1,209**	**1,523**	**2,355**	AZ	385	383	766	(x)	(x)	(x)
MN	538	594	915	340	590	947	UT	131	110	191	69	80	112
IA	429	453	734	201	230	317	NV	92	119	216	27	45	65
MO	723	888	1,471	357	295	502	**Pac**	**3,772**	**5,225**	**9,101**	**3,954**	**3,373**	**4,394**
ND	91	109	190	34	47	97	WA	515	507	895	301	329	501
SD	101	96	168	33	55	90	OR	362	385	681	139	179	222
NE	224	234	394	86	109	152	CA	2,784	4,219	7,316	3,395	2,728	3,473
KS	336	413	673	158	197	250	AK	16	18	36	24	28	66
So. Atl	**5,116**	**5,555**	**10,272**	**2,544**	**2,511**	**3,592**	HI	95	96	173	95	109	132
DE	74	87	143	47	45	68	PR	383	124	212	1,099	97	123
MD	457	622	1,117	324	322	494	Outlying areas	9	4	12	[7] 14	[7] 2	[7] 4
							Foreign	237	9	15	(x)	(x)	(x)

X Not applicable. [1] Hospital insurance enrollment as of July. [2] Payments are for calendar year and represent total disbursements from Federal hospital and supplementary medical insurance trust funds. Estimates of distribution by State based on interim reimbursements. [3] For fiscal year ending Sept. 30. [4] Persons receiving Medicaid at any time during year. [5] Preliminary. [6] Includes data for enrollees with residence unknown. [7] Virgin Islands only.

Source: U.S. Health Care Financing Administration, *Medicare Program Statistics, Selected State Data, 1978–1982*, May 1984 and unpublished data.

No. 634. Medical Assistance (Medicaid)—Recipients and Payments: 1975 to 1984

[For years ending **June 30** except, beginning **1980**, ending **September 30.** Includes Puerto Rico and outlying areas]

Basis of eligibility	Recipients (1,000)						Payments (mil. dol.)					
	1975	1980	1981	1982	1983	1984	1975	1980	1981	1982	1983	1984
Total [1]	**22,223**	**21,605**	**21,980**	**21,603**	**21,554**	**21,181**	**12,292**	**23,311**	**27,204**	**29,399**	**32,391**	**34,148**
Age 65 and over	3,659	3,440	3,367	3,240	3,372	3,158	4,649	8,739	9,926	10,739	11,954	12,972
Blindness	109	92	86	84	77	85	83	124	154	172	183	221
Disabled [2]	2,280	2,819	2,993	2,806	2,844	2,829	2,874	7,497	9,301	10,233	11,184	11,702
AFDC [3] program	14,310	14,210	14,768	14,920	15,128	15,089	4,063	6,354	7,271	7,567	8,322	8,465
Children	9,680	9,333	9,581	9,563	9,535	9,527	2,050	3,123	3,508	3,473	3,836	4,019
Adults	4,630	4,877	5,187	5,356	5,592	5,562	2,013	3,231	3,763	4,093	4,487	4,447
Other	1,864	1,499	1,364	1,434	1,129	1,177	623	596	552	689	747	787

[1] For 1975, recipient data are unduplicated counts of persons receiving Medicaid at any time during year. Beginning 1980, recipient data do not add due to small number of recipients that are reported in more than one category. [2] Permanently and totally. [3] Aid to families with dependent children.

No. 635. Medical Vendor Payments (Medicaid), by Type of Service: 1970 to 1984

[In **millions of dollars. 1970** data are for **calendar year; 1975,** year ending **June 30;** beginning **1977,** for years ending **Sept. 30.** *Medical vendor payments are those made directly to suppliers of medical care.* Excludes Arizona, which has no Title XIX (Medicaid) program. Includes Puerto Rico and outlying areas]

Year	Total	Inpatient hospital	Skilled nursing facility	Intermediate care facility	Physicians	Dental [1]	Outpatient hospital [2]	Laboratory [3]	Home health	Prescribed drugs	Family planning	Other care
1970	4,806	1,846	1,362	–	617	200	240	32	17	403	–	89
1975	12,292	3,811	2,446	2,215	1,248	478	766	123	70	832	67	236
1977	16,276	5,182	2,687	3,518	1,525	588	1,057	177	180	1,027	118	217
1978	17,975	5,639	3,097	4,285	1,596	541	1,028	179	210	1,084	115	200
1979	20,462	6,430	3,368	5,272	1,637	594	1,110	186	264	1,203	109	291
1980	23,311	7,187	3,685	6,191	1,875	660	1,421	121	332	1,318	81	440
1981	27,204	8,071	4,035	7,503	2,101	771	1,782	147	428	1,535	139	691
1982	29,399	8,644	4,427	8,446	2,086	718	1,838	160	496	1,599	133	853
1983	32,391	9,746	4,621	9,459	2,175	693	2,053	184	597	1,771	156	936
1984	34,148	9,999	4,875	10,078	2,224	705	2,273	201	777	1,980	164	872

– Represents zero. [1] Includes other practitioners' services. [2] Includes clinic services. [3] Includes radiological services.

Source of tables 634 and 635: U.S. Health Care Financing Administration, *Health Care Financing Review,* quarterly.

No. 636. Black Lung Benefit Program—Beneficiaries and Payments: 1975 to 1985

[Benefits payable to miners disabled because of pneumoconiosis and to their dependents and survivors as a result of Federal Coal Mine Health and Safety Act of 1969 and subsequent amendments and revisions. Claims by miners or their survivors are handled by the Social Security Administration (SSA) or the Department of Labor, depending upon the date the claim was filed. Claims filed by a miner by June 30, 1973, and those filed by survivors by December 31, 1973 were processed by SSA. Benefits under the program as administered by SSA are paid out of Federal general tax revenues. Claims filed by a miner between July 1 and December 31, 1973 and all claims filed after December 1973 were processed by Department of Labor and are paid by either a responsible mine operator or the Department of Labor]

Administrative agency and year	Beneficiaries [1] (1,000)				Payments (mil. dol.)	Average monthly payment [1]	
	Total	Miners	Widows	Dependents [2]		Miner's family	Widow's family
Social Security Administration:							
1975	482	165	139	177	950	282	207
1980	399	120	147	133	1,030	406	290
1981	377	111	146	119	1,080	425	304
1982	355	102	145	107	1,075	442	315
1983	333	94	143	97	1,055	441	315
1984, total [3]	314	86	141	87	1,038	458	327
Pennsylvania	90	24	43	23	302	449	324
West Virginia	56	17	22	18	181	458	331
Kentucky	39	12	14	13	122	470	332
Virginia	19	6	7	6	61	472	331
Ohio	19	5	9	5	63	452	326
Illinois	17	4	9	4	57	455	323
1985, est.	275	75	133	67	995	450	320
Department of Labor:							
1975	(NA)	(NA)	(NA)	(NA)	10	[4] 187	[5] 328
1980	138.4	52.9	26.7	58.8	707	[4] 254	[5] 445
1981	163.4	62.8	30.5	70.1	653	[4] 280	[5] 490
1982	173.1	61.7	32.7	78.7	591	[4] 293	[5] 513
1983	166.0	64.2	35.2	66.6	628	[4] 305	[5] 534
1984, prel.	162.0	62.7	36.4	62.9	595	[4] 317	[5] 554

NA Not available. [1] As of end of year. Average monthly payments under Department of Labor portion are for years ending September 30. [2] Dependent wife or child or surviving child, parent, brother or sister. [3] Includes other States not shown separately. [4] Data for claimant with no dependents. [5] Data for claimant with 2 dependents.

Source: U.S. Social Security Administration, *Social Security Bulletin,* monthly; and U.S. Department of Labor, Employment Standards Administration, *Black Lung Benefits Act, Annual Report.*

No. 637. Workers' Compensation Payments: 1970 to 1983

[**In millions of dollars, except as indicated.** See headnote, table 638. See also *Historical Statistics, Colonial Times to 1970*, series H 332-345]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Workers covered [1] (mil.)	59	67	70	72	76	79	79	79	78	79
Annual benefits paid	**3,031**	**6,598**	**7,585**	**8,629**	**9,793**	**12,027**	**13,562**	**15,016**	**16,263**	**17,533**
By private carriers [2]	1,843	3,422	3,976	4,629	5,256	6,157	7,023	7,868	8,647	9,264
From State funds [3]	755	2,324	2,570	2,750	3,039	4,022	4,333	4,614	4,738	5,038
Employers' self-insurance [4]	432	852	1,039	1,250	1,497	1,848	2,206	2,534	2,879	3,232
Type of benefit:										
Medical/hospitalization	1,050	2,030	2,380	2,680	2,980	3,520	3,930	4,420	4,860	5,350
Compensation payments	1,981	4,568	5,204	5,950	6,813	8,507	9,632	10,596	11,403	12,183
Disability	1,751	3,843	4,394	5,075	5,848	7,232	8,322	9,196	9,893	10,613
Survivor	230	725	810	875	965	1,275	1,310	1,400	1,510	1,570
Percent of covered payroll:										
Workers' compensation costs [5 6]	1.11	1.32	1.49	1.71	1.86	1.96	1.96	1.84	1.73	1.67
Benefits [5]	.66	.83	.87	.92	.94	1.01	1.06	1.08	1.15	1.18

[1] Estimated per month. [2] Net cash and medical benefits paid under standard workers' compensation policies. [3] Net cash and medical benefits paid by competitive and exclusive State funds and by Federal workers' compensation programs, including black lung benefit program. [4] Cash and medical benefits paid by self-insurers, plus value of medical benefits paid by employers carrying workers' compensation policies that exclude standard medical coverage. [5] Premiums written by private carriers and State funds, and benefits paid by self-insurers increased by 5-10 percent to allow for administrative costs. Also includes benefits paid and administrative costs of Federal system for government employees. [6] Excludes programs financed from general revenue—black lung benefits and supplemental pensions in some States.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin.*

No. 638. Workers' Compensation Payments, by State: 1975 to 1983

[**In millions of dollars.** Payments represent cash and medical benefits and include insurance losses paid by private insurance carriers (compiled from the *Spectator (Insurance by States . . . of Casualty Lines)*, from reports of State insurance commissions, and from A. M. Best Co.); net disbursements of State funds (from the *Spectator*, from *Argus Casualty and Surety Chart*, and from State reports), estimated for some States; and self-insurance payments, estimated from available State data. Calendar-year data, except fiscal-year data for Federal civilian and other programs and for a few States with State funds. Includes benefit payments under Longshoremen's and Harbor Workers' Compensation Act and Defense Bases Compensation Act for States in which such payments are made]

STATE	1975	1980	1981	1982	1983	STATE AND PROGRAM	1975	1980	1981	1982	1983
Total	**6,598**	**13,562**	**15,016**	**16,263**	**17,533**	NV	24.8	69.1	80.9	91.8	95.7
						NH	17.4	48.0	54.9	60.1	63.5
AL	48.7	112.4	122.4	132.4	146.6	NJ	194.8	316.4	334.2	350.0	394.5
AK	18.5	59.7	62.2	63.9	76.8	NM	21.1	54.1	68.8	80.8	92.3
AZ	68.0	119.8	133.1	137.5	170.9	NY	406.7	637.1	688.8	760.2	758.1
AR	37.9	82.5	102.2	103.2	118.2	NC	50.8	130.8	146.8	159.9	172.5
CA	791.6	1,627.7	1,809.3	2,032.6	2,240.6	ND	7.6	17.0	18.6	22.1	23.1
CO	44.2	114.5	141.9	180.5	209.7	OH	444.7	776.3	904.9	924.3	1,079.8
CT	64.0	132.4	158.8	209.2	230.1	OK	59.7	133.5	153.4	211.0	227.9
DE	9.8	20.6	21.7	27.1	30.3	OR	137.4	274.9	298.3	306.5	311.8
						PA	205.4	571.9	656.7	722.9	780.7
DC	26.7	69.5	78.8	80.5	77.6	RI	18.6	55.3	64.8	70.6	81.3
FL	264.1	362.0	400.2	519.7	645.1	SC	32.5	79.3	90.6	98.9	107.0
GA	77.5	184.8	215.9	235.4	255.9	SD	5.5	13.1	15.2	16.7	17.7
HI	27.1	59.7	74.8	95.6	105.1	TN	61.6	129.1	149.9	149.1	148.7
ID	20.8	37.6	42.2	44.3	46.1	TX	360.3	700.8	808.6	981.7	1,084.0
IL	238.7	665.2	658.5	673.0	655.7						
IN	59.7	109.7	119.4	118.2	128.8	UT	16.3	39.3	45.7	51.4	50.8
IA	37.4	99.0	108.5	106.5	109.6	VT	6.4	15.3	18.6	19.3	23.6
KS	33.7	84.5	95.2	105.1	114.6	VA	65.9	173.5	218.4	249.4	264.9
KY	60.5	160.6	164.2	167.8	168.1	WA	157.4	324.2	370.5	419.2	510.5
						WV	75.9	176.2	201.8	211.7	222.2
LA	114.6	300.6	350.9	384.4	408.6	WI	70.0	171.5	191.5	205.8	211.6
ME	19.7	81.3	110.6	123.7	145.3	WY	4.3	14.1	32.8	37.2	36.7
MD	73.4	186.8	212.9	241.8	254.8						
MA	146.0	295.8	341.5	369.0	407.6	Federal programs:					
MI	333.7	626.3	693.0	672.9	665.4	Civilian employees	358.8	776.4	842.1	899.1	918.9
MN	86.0	257.5	301.8	335.8	377.7	Black lung benefits [1]	957.2	1,738.5	1,734.6	1,666.9	1,691.0
MS	27.3	60.3	66.7	70.7	74.5	Other [2]	8.7	8.4	6.5	6.2	6.2
MO	63.6	123.7	137.5	151.6	172.4						
MT	16.8	40.9	45.3	55.9	65.7						
NE	17.9	42.5	48.8	52.6	56.5						

[1] Includes payments by Social Security Administration and by Department of Labor. [2] Primarily payments made to dependents of reservists who died while on active duty in the Armed Forces.

Source: U.S. Social Security Administration, *Social Security Bulletin*, December 1984, and unpublished data.

No. 639. Unemployment Insurance—All Programs and State Programs,

[Includes Puerto Rico; beginning 1978, Includes Virgin Islands. Data for State unemployment insurance include unemployment for Federal employees and for ex-servicemen, except as noted. See also table 690 of

Year and State or other area	All regular programs [1]				State unemployment						
					Covered employment [2]			Average weekly—			
						Wages (mil. dol.)		Insured unemployment		Unemployment benefits	
	Initial claims (1,000)	Weeks compensated (1,000)	Average weekly beneficiaries (1,000)	Benefits paid, net [2] (mil.dol.)	Average monthly number of workers [4] (1,000)	Total	Taxable [5]	Number (1,000)	Percent [6]	Current dollars	Percent of weekly wage
1970	16,100	84,319	1,621	4,171	52,814	387,980	182,320	1,805	3.4	50	35.6
1973	13,362	76,229	1,466	4,487	64,645	549,971	253,746	1,632	2.7	59	36.1
1974	19,436	103,178	1,984	6,912	66,696	609,894	265,375	2,262	3.5	64	36.5
1975	25,479	182,835	3,516	19,828	65,411	642,711	265,229	3,986	6.0	70	37.2
1976	20,705	135,000	2,596	16,157	67,890	716,066	303,222	2,991	4.6	75	37.1
1977	20,070	119,526	2,299	13,023	70,830	794,567	323,821	2,655	3.9	79	36.5
1978	18,461	105,326	2,025	9,007	83,173	992,196	412,530	2,359	3.3	84	37.0
1979	20,614	110,202	2,119	9,401	86,613	1,120,585	444,384	2,433	2.9	90	35.9
1980	25,823	153,272	2,947	16,197	86,924	1,228,388	458,885	3,350	3.9	99	37.5
1981	24,329	139,527	2,683	15,298	87,783	1,354,660	478,415	3,048	3.5	107	36.6
1982	30,598	187,440	3,605	25,040	86,148	1,419,486	477,472	4,061	4.6	119	37.2
1983	23,137	158,179	3,042	25,713	86,869	1,500,188	532,620	3,396	3.9	124	37.6
1984	**19,683**	**114,269**	**2,197**	**15,437**	**91,381**	**1,651,229**	**585,916**	**2,474**	**2.8**	**123**	**35.9**
AL	444	1,931	37	206	1,290	20,315	8,154	43	3.5	95	31.3
AK	81	692	13	110	202	5,847	3,022	12	6.2	140	24.6
AZ	154	779	15	86	1,140	19,538	6,956	19	1.9	102	31.2
AR	232	1,035	20	103	743	10,965	4,626	25	3.5	98	33.8
CA	2,685	16,394	315	1,930	10,552	208,407	65,609	348	3.5	112	29.8
CO	178	1,090	21	172	1,328	24,660	9,265	27	2.1	144	41.4
CT	218	1,264	24	171	1,486	29,587	9,072	26	1.8	134	35.2
DE	42	282	5	33	271	4,989	1,671	5	2.0	113	31.9
DC	41	490	9	70	382	8,542	2,403	9	2.5	144	34.1
FL	409	2,254	43	266	4,130	65,921	25,181	55	1.4	105	33.6
GA	449	1,893	36	194	2,312	38,572	14,014	38	1.8	102	32.0
HI	78	522	10	74	389	6,194	3,432	11	2.9	141	45.1
ID	115	540	10	71	309	4,799	2,646	12	4.2	121	40.5
IL	829	6,337	122	987	4,482	87,871	29,279	136	3.2	134	36.3
IN	436	2,138	41	234	2,010	35,574	11,783	49	2.6	92	26.7
IA	199	1,281	25	173	1,015	15,762	6,971	27	2.8	129	43.7
KS	154	908	17	120	910	15,011	7,119	19	2.1	130	40.8
KY	286	1,758	34	202	1,121	18,453	7,056	35	3.3	100	31.6
LA	391	2,852	55	503	1,528	26,924	9,008	59	3.9	152	45.5
ME	149	592	11	68	418	6,136	2,329	15	3.7	112	40.2
MD	260	1,678	32	213	1,653	28,926	9,212	37	2.3	124	37.2
MA	438	2,850	55	370	2,735	49,981	17,477	61	2.4	129	36.9
MI	866	4,542	87	754	3,200	66,772	21,512	102	3.4	144	36.4
MN	260	1,807	35	280	1,733	31,057	11,940	38	2.4	146	42.1
MS	251	1,151	22	117	774	10,933	4,439	27	3.7	88	32.4
MO	441	1,895	36	186	1,914	33,245	10,889	45	2.5	93	27.9
MT	71	491	9	68	257	3,915	2,315	10	4.1	132	45.5
NE	78	508	10	51	597	8,933	3,065	12	2.0	103	35.5
NV	87	552	11	79	413	7,188	3,699	11	2.9	126	37.5
NH	58	280	5	33	426	6,753	2,555	6	1.4	112	36.5
NJ	598	5,322	102	698	3,182	62,572	24,132	94	3.1	128	34.2
NM	80	577	11	68	455	7,291	3,155	13	2.9	111	36.5
NY	1,293	10,005	192	1,262	7,314	151,042	41,884	210	3.0	123	31.0
NC	878	2,139	41	228	2,481	37,910	16,295	50	2.2	104	35.6
ND	50	342	7	58	224	3,380	1,451	7	3.1	139	47.8
OH	840	5,009	96	803	4,046	75,430	25,648	119	3.1	141	39.3
OK	177	1,024	20	146	1,107	19,216	6,633	22	2.0	135	40.3
OR	352	1,774	34	240	952	16,344	8,137	40	4.4	127	38.2
PA	1,432	8,279	159	1,271	4,400	77,997	27,013	181	4.2	143	42.3
RI	127	614	12	78	403	6,407	2,816	13	3.3	116	37.9
SC	435	1,212	23	127	1,198	18,044	7,027	28	2.5	94	32.4
SD	27	97	2	11	222	2,921	1,103	2	1.2	105	41.3
TN	517	1,827	35	183	1,718	27,308	10,171	41	2.5	86	28.5
TX	732	4,370	84	677	6,229	116,506	40,167	93	1.6	139	39.1
UT	97	515	10	73	535	8,968	4,555	13	2.6	136	41.3
VT	45	296	6	34	204	3,077	1,235	6	3.2	114	39.5
VA	353	1,173	23	138	2,102	34,852	12,424	24	1.2	110	34.3
WA	525	3,119	60	480	1,545	27,960	12,938	66	4.4	138	39.9
WV	126	1,241	24	202	553	9,576	3,390	27	5.0	128	37.8
WI	491	2,804	54	404	1,864	31,550	12,545	60	4.0	136	41.9
WY	32	224	4	41	190	3,456	1,365	5	2.4	123	35.0
PR	269	1,443	28	130	700	7,118	4,948	41	6.1	66	33.7
VI	6	72	1	5	37	533	187	1	3.7	108	38.1

Z Less than $500,000. [1] Includes State programs, Unemployment Compensation for Federal Employees program and Unemployment Compensation for Ex-servicemen program. Represents unduplicated counts. [2] Includes extended benefits payments made under regular State and Federal unemployment insurance programs, the temporary "Federal Supplemental Benefits Program," and the "Special Unemployment Assistance Program." [3] Source: U.S. Bureau of Labor Statistics, *Employment and Wages*, quarterly. 1984 data are preliminary. [4] For pay period including the 12th of the month. [5] Wages subject to unemployment insurance tax, includes State and local government coverage as well as private industry coverage; see text, p. 352. [6] Insured unemployment as percent of average covered employment in preceding year. [7] Weeks compensated divided by first payment. [8] Based on first payments for 12-month period ending June 30.

SUMMARY, 1970 TO 1984, AND BY STATE AND OTHER AREAS, 1984

compensation for State and local government employees where covered by State law; exclude unemployment compensation this *Abstract* and *Historical Statistics, Colonial Times to 1970*, series H 305-317]

INSURANCE									YEAR AND STATE OR OTHER AREA
Weeks compensated for all unemployment (1,000)	Beneficiaries, first payments (1,000)	Average duration of benefits[7] (weeks)	Claimants exhausting benefits: Number (1,000)	Claimants exhausting benefits: As percent of first payment[8]	Contributions collected[9] (mil. dol.)	Benefits paid (mil. dol.)	Funds available for benefits, end of year[10] (mil. dol.)	Average employer contribution rate[11] (percent)	
78,858	6,402	12.3	1,295	24.4	2,507	[12] 3,646	11,896	1.3	1970.
71,223	5,329	13.4	1,495	27.7	5,000	4,008	10,934	2.0	1973.
97,803	7,730	12.7	1,926	31.0	5,228	5,975	10,699	2.0	1974.
175,305	11,160	15.7	4,195	37.8	5,227	11,755	4,523	1.9	1975.
127,425	8,560	14.9	3,270	37.8	7,532	8,975	3,361	2.6	1976.
113,244	7,985	14.2	2,850	33.2	9,171	8,357	4,387	2.8	1977.
100,964	7,565	13.3	2,039	26.7	11,212	7,717	9,307	2.8	1978.
106,112	8,074	13.1	2,037	26.7	12,098	8,613	12,470	2.7	1979.
148,952	9,992	14.9	3,072	33.2	11,416	13,761	11,446	2.5	1980.
135,858	9,399	14.5	2,989	32.4	11,678	13,262	11,588	2.4	1981.
185,345	11,648	15.9	4,175	38.5	12,213	20,650	7,482	2.5	1982.
155,476	8,907	17.5	4,180	38.4	14,560	17,763	7,264	2.8	1983.
112,116	**7,765**	**14.4**	**2,613**	**34.2**	**18,758**	**12,595**	**11,562**	**3.2**	**1984.**
1,865	170	11.0	52	32.4	295	163	203	2.5	AL.
663	45	14.6	21	47.2	100	88	162	2.6	AK.
744	55	13.6	18	29.4	125	72	245	1.9	AZ.
1,013	87	11.7	21	26.9	160	87	40	3.9	AR.
16,122	991	16.3	365	36.8	2,041	1,614	2,782	3.3	CA.
1,058	87	12.2	35	37.5	247	150	15	2.7	CO.
1,250	111	11.2	19	16.5	239	153	110	2.7	CT.
276	21	13.3	4	16.7	57	30	30	3.6	DE.
437	23	19.4	12	50.9	76	50	25	3.0	DC.
2,214	185	12.0	67	35.9	374	222	1,147	1.5	FL.
1,836	205	9.0	55	29.8	230	169	488	1.7	GA.
499	34	14.8	9	28.9	68	63	146	1.9	HI.
520	42	12.4	19	44.6	89	57	57	3.4	ID.
6,265	356	17.6	145	39.4	1,327	780	−16	4.5	IL.
2,100	165	12.7	64	39.8	317	190	245	2.4	IN.
1,265	98	13.0	31	33.3	236	147	−38	3.2	IA.
888	69	12.8	25	35.3	172	106	241	2.9	KS.
1,697	121	14.1	34	29.2	273	153	(z)	3.7	KY.
2,814	158	17.8	80	49.5	357	397	−1	3.9	LA.
583	35	16.8	20	57.5	86	57	57	3.7	ME.
1,633	117	13.9	31	26.1	298	189	225	2.9	MD.
2,812	186	15.1	50	26.4	518	339	779	3.0	MA.
4,467	350	12.8	101	31.2	1,146	586	21	5.5	MI.
1,780	127	14.0	46	36.7	324	243	−6	2.8	MN.
1,117	84	13.2	24	30.4	124	94	275	2.8	MS.
1,854	161	11.5	49	31.3	291	165	95	2.6	MO.
471	35	13.4	15	41.8	51	53	5	3.1	MT.
502	40	12.4	14	34.0	55	48	75	1.9	NE.
546	39	13.9	12	30.6	99	67	141	2.8	NV.
277	32	8.8	2	7.1	41	31	94	1.5	NH.
5,256	321	16.4	152	47.4	886	598	493	3.1	NJ.
547	33	16.6	13	36.9	64	57	91	1.9	NM.
9,889	544	18.2	214	40.0	1,330	1,080	1,297	3.2	NY.
2,095	250	8.4	41	19.6	402	189	612	2.1	NC.
336	23	14.8	10	43.0	52	50	4	3.6	ND.
4,921	328	15.0	107	33.0	1,047	639	17	4.8	OH.
998	75	13.4	28	36.6	166	120	83	2.1	OK.
1,724	118	14.6	33	27.9	253	195	203	3.1	OR.
8,173	498	16.4	144	29.4	1,478	1,020	−7	5.3	PA.
605	45	13.6	13	28.3	116	67	21	4.1	RI.
1,188	123	9.7	27	26.3	148	107	66	2.1	SC.
93	9	10.6	1	13.3	19	9	27	1.6	SD.
1,756	147	11.9	28	20.9	325	143	278	3.2	TN.
4,291	304	14.1	131	39.6	842	565	(z)	1.6	TX.
499	41	12.3	13	31.6	140	62	100	3.1	UT.
293	21	13.9	4	18.4	42	30	14	3.3	VT.
1,134	136	8.4	26	20.5	303	118	282	2.4	VA.
3,039	188	16.2	61	32.7	424	378	75	3.3	WA.
1,227	78	15.8	24	32.8	150	146	31	4.2	WV.
2,770	205	13.5	63	31.9	550	341	120	4.7	WI.
218	15	14.4	6	33.5	55	34	27	3.9	WY.
1,421	36	39.1	32	95.8	142	81	86	3.0	PR.
72	4	19.6	2	46.1	7	4	(z)	3.4	VI.

[8] Contributions from employers; also employees in States which tax workers. [10] Sum of balances in State clearing accounts, benefit-payment accounts, and State accounts in Federal unemployment trust funds. Minus sign (−) indicates deficit.
[11] As percent of taxable wages. [12] Includes payments under State (not Federal) temporary extended unemployment insurance provisions. [13] Includes railroad benefits not distributed by State.

Source: Except as noted, U.S. Employment and Training Administration, *Unemployment Insurance Statistics*, monthly; and *Annual Report of the Secretary of Labor*.

No. 640. Persons With Work Disability by Selected Characteristics: 1982

[**In thousands, except percent.** As of **March.** Covers civilian noninstitutional population and members of Armed Forces living off post or with their families on post. Persons are classified as having a work disability if they (1) have a health problem or disability which prevents them from working or which limits the kind or amount of work they can do; (2) have a service-connected disability or ever retired or left a job for health reasons; (3) did not work in survey reference week or previous year because of long-term illness or disability; or (4) are under age 65, and are covered by Medicare or receive Supplemental Security Income. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III]

AGE AND PARTICIPATION STATUS IN ASSISTANCE PROGRAMS	Total [1]	Male	Female	White	Black	Spanish origin [2]
Persons with work disability	**13,102**	**6,697**	**6,405**	**10,657**	**2,214**	**696**
16–24 years old	1,205	618	587	932	251	78
25–34 years old	1,947	1,035	912	1,541	372	126
35–44 years old	1,942	992	950	1,553	348	116
45–54 years old	2,735	1,378	1,357	2,211	472	151
55–64 years old	5,273	2,674	2,599	4,420	771	226
Percent work disabled of total population	**8.9**	**9.3**	**8.5**	**8.4**	**13.4**	**8.0**
16–24 years old	3.3	3.4	3.1	3.0	5.0	3.0
25–34 years old	5.0	5.4	4.7	4.7	8.4	4.8
35–44 years old	7.1	7.4	6.8	6.5	12.1	7.4
45–54 years old	12.3	12.8	11.7	11.3	20.8	13.8
55–64 years old	24.1	26.2	22.3	22.6	40.0	28.4
Percent of work disabled—						
Receiving Social Security income	30.4	32.6	28.1	31.3	26.8	26.9
Receiving food stamps	20.8	16.1	25.8	15.3	46.9	36.9
Covered by Medicaid	19.8	13.8	26.1	16.1	37.0	34.6
Residing in public housing	3.9	2.4	5.3	2.2	11.5	7.5
Residing in subsidized housing	1.7	1.2	2.2	1.4	3.2	2.7

[1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–23, No. 127.

No. 641. Vocational Rehabilitation—Summary: 1970 to 1984

[For years ending **June 30** except beginning **1976,** for years ending **Sept. 30.** Includes Puerto Rico, Guam, Virgin Islands and Trust Territory of the Pacific Islands. Vocational rehabilitation of the disabled defined as restoration, preservation, or development of the ability to function in productive activity. Rehabilitation services provided by State vocational rehabilitation agencies with matching State and Federal funds include medical restoration, training, counseling, guidance, and placement services. See also *Historical Statistics, Colonial Times to 1970,* series H 392–397]

ITEM	Unit	1970	1975	1976	1979	1980	1981	1982	1983	1984
Federal and State expenditures [1]	Mil. dol	558	867	986	1,063	[2] 1,076	1,118	1,167	1,254	1,360
Federal expenditures	Mil. dol	432	673	755	813	[2] 817	850	858	937	1,038
Percent of total expenditures	Percent	77	78	77	77	[2]76	76	74	76	76
Applicants processed for program eligibility	1,000	608	837	730	713	717	681	594	602	594
Percent accepted into program	Percent	68	64	58	58	58	55	56	58	59
Total persons rehabilitated [3]	1,000	267.0	324.0	294.4	288.3	277.1	255.9	226.9	216.2	225.8
Rehabilitation rate [4]	Percent	77	70	65	65	64	62	61	62	63
Severely disabled persons rehabilitated [3 5]	1,000	(NA)	115.7	138.4	143.4	142.5	138.4	129.9	124.2	132.7
Rehabilitation rate [4]	Percent	(NA)	(NA)	63	62	61	59	59	59	61
Percent of total persons rehabilitated	Percent	(NA)	36	47	50	51	54	57	57	58
Persons served total [6]	1,000	876	1,244	1,168	1,128	1,095	1,038	959	939	936
Persons served, severely disabled [5 6]	1,000	(NA)	(NA)	600	612	606	601	572	562	565
Percent of total persons served	Percent	(NA)	(NA)	51	54	55	58	60	60	60

NA Not available. [1] Includes expenditures only under the basic support provisions of the Rehabilitation Act. [2] Estimates based on amounts appropriated. [3] Persons successfully placed into gainful employment. [4] Persons rehabilitated as a percent of all active case closures (whether rehabilitated or not). [5] Severely disabled individuals fall into any of the following four categories: (a) clients with specified major disabling conditions such as blindness and deafness; (b) clients who at any time in the vocational rehabilitation process had been Social Security disability beneficiaries; (c) clients who at any time in the vocational rehabilitation process had been recipients of Supplemental Security Income; and (d) other individuals with substantial loss in conducting certain specified activities. [6] Includes active cases accepted for rehabilitation services during year plus active cases on hand at beginning of year.

Source: U.S. Dept. of Education, Rehabilitation Services Administration, *Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Years,* and *State Vocational Rehabilitation Agency Program Data in Fiscal Years,* both annual.

No. 642. Public Aid Payments: 1970 to 1984

[**In millions of dollars.** See headnote, table 643. Supplemental Security Income data cover federally- and State-administered payments. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 346–354]

PROGRAM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Payments, total	**8,443**	**16,313**	**17,499**	**18,222**	**18,577**	**19,477**	**21,994**	(NA)	(NA)	(NA)	(NA)
Supplemental Security Income	(X)	5,878	6,066	6,306	6,552	7,075	7,941	8,593	8,981	9,404	10,371
Aged	(X)	2,605	2,508	2,448	2,433	2,526	2,734	2,818	2,824	2,814	2,973
Blind	(X)	131	136	146	152	166	190	206	217	229	249
Disabled	(X)	3,142	3,422	3,709	3,966	4,381	5,014	5,566	5,909	6,357	7,143
Public assistance	8,443	10,434	11,431	11,915	12,024	12,402	14,048	(NA)	(NA)	(NA)	(NA)
Old-age assistance	1,862	5	5	5	5	9	9	9	8	8	(NA)
Blind	98	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(NA)
Permanently, totally disabled	1,000	3	3	3	4	9	9	10	10	10	(NA)
Families with dependent children	4,853	9,211	10,140	10,603	10,729	11,069	12,475	12,982	12,878	13,838	(NA)
Emergency assistance	11	78	56	66	81	84	113	124	102	125	(NA)
General assistance	618	1,138	1,228	1,238	1,205	1,231	1,442	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. Z Less than $500,000.

Source: U.S. Social Security Administration, *Social Security Bulletin,* monthly; and *Public Assistance Statistics,* monthly.

No. 643. Public Aid—Recipients of and Average Monthly Cash Payments Under Supplemental Security Income and Public Assistance: 1970 to 1984

[**In thousands, except as indicated.** As of **December,** except as noted. SSI: Supplemental security income. SSI data are for federally administered payments only; see text, p. 352. Excludes vendor payments for medical care (i.e., payments made directly to suppliers of medical care). Beginning 1974, Federal SSI program replaced Federal grants for aid to the aged, blind, and disabled in the 50 States and DC; such grants continued for Puerto Rico, Guam, and Virgin Islands. Residents of Northern Mariana Islands became eligible for SSI in 1978. Public assistance data for all years include Puerto Rico, Guam, and Virgin Islands. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 355-367]

PROGRAM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Recipients of payments:										
SSI, total [1]	(X)	4,314	4,238	4,217	4,150	4,142	4,019	3,858	3,901	4,029
Percent also receiving Social Security	(X)	52.7	51.9	51.7	51.4	51.0	50.2	49.4	49.5	49.6
Male	(X)	1,532	1,472	1,454	1,423	1,423	1,380	1,321	1,346	1,403
Female	(X)	2,770	2,759	2,757	2,722	2,715	2,635	2,534	2,552	2,624
White	(X)	2,755	2,758	2,733	2,664	2,636	2,517	2,335	2,275	2,255
Black	(X)	1,120	1,156	1,153	1,141	1,138	1,105	1,043	1,026	1,032
Aged	(X)	2,307	2,051	1,968	1,872	1,808	1,678	1,549	1,515	1,530
Blind	(X)	74	77	77	77	78	79	77	79	81
Disabled	(X)	1,933	2,109	2,172	2,201	2,256	2,262	2,231	2,307	2,419
Old-age assistance [2]	2,061	18	19	19	19	19	19	19	18	18
Aid to the blind [2]	80	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Aid to permanently, totally disabled [2]	877	17	18	19	20	21	22	22	22	22
AFDC: [3]										
Families	2,552	3,568	3,553	3,489	3,560	3,843	3,633	3,596	3,721	3,674
Recipients [4]	9,659	11,404	10,796	10,349	10,379	11,101	10,613	10,504	10,865	10,763
Children	7,033	8,106	7,582	7,226	7,207	7,599	7,125	6,972	7,130	7,056
General assistance cases	547	692	654	620	696	796	861	1,019	1,088	(NA)
Average monthly payments (dol.):										
SSI, total	(X)	114	125	130	156	168	183	196	212	219
Aged	(X)	91	97	100	123	128	138	146	158	158
Blind	(X)	147	159	164	212	213	228	242	256	265
Disabled	(X)	141	150	155	182	198	214	229	245	256
Old-age assistance [2]	75	21	22	22	42	39	41	36	36	(NA)
Aid to the blind [2]	102	15	17	19	39	36	43	37	36	(NA)
Aid to permanently, totally disabled [2]	95	15	16	17	38	35	40	37	37	(NA)
AFDC: [3]										
Families	190	229	250	256	271	288	301	310	321	335
Recipients	50	72	82	86	93	100	103	106	110	115
General assistance cases	112	144	156	157	157	161	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. Z Fewer than 500. [1] Includes items not shown separately. [2] Average monthly recipients and payments for the year. [3] Aid to Families with Dependent Children program. [4] Includes the children and one or both parents, or one caretaker relative other than a parent, in families where the needs of such adults were considered in determining the amount of assistance.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin; Social Security Bulletin,* monthly; and *Public Assistance Statistics,* monthly.

No. 644. State-Administered Supplemental Security Income (SSI)—Recipients and Payments, by State: 1980 to 1984

[**1984 preliminary.** Recipients comprise those receiving Federal SSI payments and State-administered supplementation plus those who receive only State supplementary payments. See text, p. 352, and Appendix III]

STATE	RECIPIENTS, DEC. (1,000)			PAYMENTS FOR YEAR (mil. dol.)			STATE	RECIPIENTS, DEC. (1,000)			PAYMENTS FOR YEAR (mil. dol.)		
	1980	1983	1984	1980	1983	1984		1980	1983	1984	1980	1983	1984
Total	**249.5**	**253.9**	**268.0**	**226**	**270**	**299**	Kentucky	8.4	7.7	7.5	12	11	10
							Minnesota	10.4	9.9	10.3	10	13	15
Alabama	17.0	20.1	22.4	12	13	15	Missouri	26.0	16.4	13.9	12	8	7
Alaska	1.0	4.1	4.7	2	9	13	Nebraska	6.1	7.4	8.0	5	5	6
Arizona	1.7	2.4	2.5	1	2	2	New Hampshire	4.5	4.9	4.6	5	8	8
Colorado	31.8	34.9	34.4	32	44	48	North Carolina	10.7	11.4	11.9	23	28	33
Connecticut	12.7	13.1	13.7	20	27	32	Oklahoma	56.4	53.0	54.5	42	36	30
Florida	3.2	8.1	9.1	2	5	7	Oregon	12.3	13.3	12.9	6	14	14
Idaho	3.5	2.6	2.7	3	3	4	South Carolina	1.6	2.1	2.4	2	3	3
Illinois	31.0	30.1	38.6	26	27	35	Virginia	3.1	4.1	4.5	6	10	10
							Other	8.2	8.5	9.4	3	5	7

Source: U.S. Social Security Administration, *Social Security Bulletin,* June issues.

No. 645. Public Aid—Recipients of Aid to Families With Dependent Children (AFDC) and Supplemental Security Income (SSI), States and Other Areas: 1980 to 1984

[In thousands, except percent. As of **December,** except as noted. For explanation of methodology, see Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, and state or other area	AFDC					SSI[2]					Public aid[4] recipients as percent of population	
	Total recipients[1]				Recipient families, 1984	1980	1983	1984				
	1980	1982	1983	1984				Total[3]	Aged	Disabled	1980	1984
Total[5]	11,101	10,504	10,865	10,763	3,674	4,142	3,901	4,029	1,530	2,419	(x)	(x)
U.S.	10,923	10,312	10,674	10,580	3,617	4,142	3,900	4,029	1,530	2,419	6.5	6.2
Region:												
Northeast	2,862.7	2,579.3	2,591.7	2,529.4	858.4	812.5	757.1	782.6	271.2	497.1	7.4	6.7
Midwest	3,032.5	3,023.9	3,218.1	3,144.9	1,045.0	656.6	627.2	662.0	191.1	458.3	6.0	6.5
South	2,883.0	2,582.4	2,650.1	2,690.7	947.2	1,757.8	1,670.3	1,716.8	738.4	948.0	6.0	5.4
West	2,144.4	2,126.0	2,214.6	2,214.6	766.1	914.4	846.1	867.3	329.4	515.1	6.7	6.6
N. Eng	647.1	519.8	513.3	491.2	174.9	198.0	181.5	187.9	79.7	102.2	6.9	5.4
ME	57.7	47.6	50.1	55.1	19.3	21.6	20.7	21.7	8.4	13.0	7.4	6.3
NH	23.6	19.2	17.1	14.2	5.4	[6] 5.4	[6] 5.3	[6] 5.9	[6] 1.9	[6] 4.0	3.0	2.2
VT	24.3	20.4	24.2	21.9	7.6	8.9	8.7	9.0	3.1	5.9	6.4	5.9
MA	347.8	260.8	248.6	233.8	84.6	123.6	108.4	110.8	54.4	51.4	8.3	6.0
RI	54.0	44.9	45.0	43.3	15.6	15.0	14.5	15.3	5.3	9.8	7.2	6.1
CT	139.7	126.9	128.3	122.9	42.4	[6] 23.4	[6] 23.9	[6] 25.2	[6] 6.6	[6] 18.1	5.2	4.8
Mid. Atl	2,215.6	2,059.5	2,078.4	2,038.2	683.5	614.5	575.6	594.7	191.5	394.9	7.6	7.2
NY	1,109.6	1,081.2	1,115.5	1,112.1	371.8	365.5	336.5	346.0	114.4	227.5	8.4	8.2
NJ	468.6	394.2	388.1	368.2	124.8	85.8	85.1	89.6	30.2	58.3	7.4	6.2
PA	637.4	584.1	574.8	557.9	186.9	163.2	154.0	159.1	46.9	109.1	6.7	6.2
E. No. Cent	2,418.5	2,480.0	2,624.3	2,544.9	840.2	466.3	448.7	478.4	126.3	343.2	6.6	7.4
OH	572.3	608.9	680.4	670.0	229.6	119.3	115.3	122.5	28.0	92.0	6.0	7.4
IN	170.2	162.9	166.1	165.6	56.8	[6] 41.4	[6] 40.5	[6] 44.3	[6] 12.2	[6] 30.9	3.7	3.8
IL	691.4	726.7	742.0	732.9	240.1	[6] 123.6	[6] 119.8	[6] 127.4	[6] 31.2	[6] 94.0	7.0	7.5
MI	752.6	729.5	754.4	696.1	226.8	113.8	110.5	117.8	30.6	85.2	8.9	9.3
WI	232.0	252.0	281.4	280.3	92.9	68.3	62.6	66.4	24.3	41.1	6.1	7.2
W. No. Cent	614.0	543.9	593.8	600.0	204.8	190.3	178.5	183.6	64.8	115.1	4.5	4.4
MN	145.6	132.5	146.9	147.5	50.1	[6] 31.9	[6] 29.9	[6] 31.2	[6] 10.2	[6] 20.4	4.2	4.2
IA	111.3	98.5	111.6	117.7	39.4	25.6	25.5	26.3	8.9	16.4	4.6	4.8
MO	215.7	177.1	194.5	197.4	67.9	[6] 84.4	[6] 77.1	[6] 78.1	[6] 29.9	[6] 47.0	5.9	5.5
ND	13.1	10.3	11.3	12.1	4.3	[6] 6.3	[6] 5.8	[6] 6.2	[6] 2.5	[6] 3.6	3.0	2.6
SD	18.8	16.7	16.4	16.1	5.7	8.0	7.7	8.0	3.1	4.7	4.2	3.4
NE	37.5	38.9	41.3	42.7	14.8	[6] 13.7	[6] 13.0	[6] 13.4	[6] 4.2	[6] 9.0	3.2	3.5
KS	72.0	69.9	71.8	66.5	22.6	20.4	19.5	20.4	6.0	14.0	3.8	3.7
So. Atl	1,463.4	1,349.4	1,339.1	1,352.0	485.0	744.4	719.6	747.3	296.2	437.5	5.8	5.3
DE	34.2	28.3	25.2	25.3	9.4	7.2	6.9	7.2	2.1	5.0	6.6	5.3
MD	220.3	192.0	193.7	219.6	72.4	48.3	47.2	49.6	14.6	34.3	6.1	5.4
DC	82.0	65.1	55.7	59.2	22.8	15.1	14.8	15.5	4.0	11.3	15.5	12.2
VA	175.9	160.7	157.7	154.2	58.6	[6] 80.6	[6] 79.3	[6] 83.1	[6] 31.7	[6] 50.0	4.6	4.1
WV	80.0	77.5	88.1	104.5	33.3	[6] 41.0	[7] 39.6	[7] 41.2	[7] 11.2	[7] 29.4	6.0	7.3
NC	201.8	170.8	170.2	159.5	61.6	[6] 140.6	[6] 131.9	[6] 136.8	[6] 56.2	[6] 77.7	5.8	4.9
SC	156.1	135.4	128.9	118.4	43.7	[6] 83.4	[6] 81.1	[6] 84.3	[6] 34.4	[6] 47.9	7.6	6.3
GA	233.7	238.2	230.4	239.9	85.5	154.5	147.9	151.5	62.2	86.5	6.9	6.7
FL	279.4	281.4	289.2	271.4	97.7	173.6	170.9	178.1	79.8	95.4	4.4	4.1
E. So. Cent	703.6	602.8	621.8	617.7	221.1	470.1	452.7	463.8	204.0	252.0	7.9	7.2
KY	175.1	150.2	158.7	158.3	59.1	[6] 93.7	[6] 91.7	[6] 95.5	[6] 34.8	[6] 58.6	7.2	6.8
TN	173.9	151.1	154.0	153.6	56.5	130.6	124.1	127.6	51.6	74.0	6.4	5.9
AL	178.3	155.1	155.0	151.8	53.0	[6] 134.1	[6] 127.8	[6] 129.9	[6] 64.7	[6] 63.3	8.1	7.1
MS	176.3	146.4	154.1	154.0	52.5	111.8	109.1	110.8	52.9	56.1	11.4	10.2
W. So. Cent	716.0	630.2	689.2	721.0	241.1	543.3	498.0	505.7	238.2	258.5	5.2	4.6
AR	85.0	62.8	62.9	63.4	21.8	77.8	71.5	72.5	35.6	35.5	7.2	5.8
LA	219.0	196.6	212.8	227.1	75.1	136.5	123.1	124.6	51.4	71.1	8.3	7.7
OK	92.0	69.1	78.2	79.2	27.2	[6] 67.3	[6] 59.1	[6] 59.2	[6] 26.1	[6] 32.1	5.2	4.2
TX	320.0	301.7	335.3	351.3	117.0	[7] 261.7	[7] 244.3	[7] 249.4	[7] 125.1	[7] 119.8	4.0	3.7
Mt	301.7	269.2	307.3	301.8	106.4	116.2	112.9	118.7	40.1	76.3	3.5	3.4
MT	19.9	17.3	19.8	20.8	7.5	6.8	6.7	7.1	1.9	5.1	3.4	3.3
ID	20.3	18.3	18.4	17.5	6.3	[6] 7.5	[6] 7.5	[6] 8.0	[6] 2.2	[6] 5.7	3.1	2.6
WY	7.0	6.9	8.4	9.0	3.4	[6] 1.8	[6] 1.8	[6] 2.0	[6] .7	[6] 1.2	1.9	2.2
CO	61.0	63.5	88.5	81.1	28.0	[6] 30.5	[6] 28.4	[6] 28.9	[6] 10.0	[6] 18.7	3.7	3.6
NM	56.2	48.4	49.0	50.5	18.1	[6] 25.4	[6] 24.6	[6] 25.5	[6] 9.4	[6] 15.6	6.1	5.4
AZ	59.8	64.7	72.2	71.7	25.6	[6] 29.6	[6] 29.2	[6] 31.5	[6] 10.5	[6] 20.3	3.0	3.4
UT	43.7	36.7	38.3	37.8	12.9	[6] 7.8	[6] 7.8	[6] 8.2	[6] 2.0	[6] 6.1	3.2	2.8
NV	13.8	13.4	12.7	13.4	4.6	6.8	6.9	7.5	3.4	3.6	2.3	2.1
Pac	1,842.7	1,836.8	1,907.3	1,912.8	659.7	798.2	733.2	748.6	289.3	438.8	7.9	7.7
WA	173.3	144.2	156.5	172.0	62.5	45.3	43.7	45.7	12.4	32.6	4.9	4.8
OR	94.0	73.5	71.9	70.8	26.8	[6] 22.2	[6] 23.1	[6] 24.2	[6] 6.7	[6] 17.0	4.9	3.6
CA	1,498.2	1,553.6	1,612.9	1,603.0	547.7	717.5	653.4	664.6	264.4	381.2	8.8	8.8
AK	15.9	10.7	12.1	15.4	6.2	[6] 3.1	[6] 3.0	[6] 3.3	[6] 1.1	[6] 2.1	4.6	3.8
HI	61.3	54.8	53.9	51.6	16.5	10.2	10.0	10.8	4.7	5.9	7.3	6.0
PR	169.7	184.7	181.0	173.7	54.0	(x)	(x)	(x)	(x)	(x)	(x)	(x)
GU	5.3	4.4	6.2	6.2	1.7	(x)	(x)	(x)	(x)	(x)	(x)	(x)
VI	3.4	3.7	3.8	4.1	1.4	(x)	(x)	(x)	(x)	(x)	(x)	(x)
N. Mariana	(x)	(x)	(x)	(x)	(x)	[7] .6	[7] .6	[7] .6	[7] .3	[7] .3	(x)	(x)

X Not applicable. [1] See footnote 4, table 643. [2] Covers persons with Federal Supplemental Security Income (SSI) payments and/or federally-administered State supplementation, except as noted; see text, p. 352. [3] Includes blind recipients. [4] Data compiled by U.S. Bureau of the Census. Total recipients as of June of AFDC and of Federal SSI as percent of resident population. For population figures used, see table 12. [5] SSI totals include small number of recipients whose residence was "unknown." [6] Data for persons with Federal SSI payments only; State has State-administered supplementation. [7] Data for persons with Federal SSI payments only; State supplementary payments not made.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly.

NO. 646. PUBLIC AID—PAYMENTS UNDER AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC) AND SUPPLEMENTAL SECURITY INCOME (SSI), STATES AND OTHER AREAS: 1980 TO 1984

[Data for SSI cover Federal SSI payments and/or federally-administered State supplementation, except as noted. See text, p. 352 and Appendix III. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE OR OTHER AREA	AFDC						SSI					
	Payments for year (mil. dol.)			Average monthly payment per family			Payments for year (mil. dol.)				Avg. mo. payment, Dec. 1984	
	1980	1982	1983	1980	1982	1983	1980	1982	1983	1984	Aged	Disabled
Total	**12,475**	**12,878**	**13,838**	**$280**	**$303**	**$313**	[1] 7,715	[1] 8,706	[1] 9,134	[1] 10,073	**$158**	**$256**
U.S.	**12,409**	**12,810**	**13,766**	(NA)	(NA)	(NA)	**7,690**	**8,705**	**9,132**	**10,072**	(NA)	(NA)
Region:												
Northeast	3,864	3,732	3,820	(NA)	(NA)	(NA)	1,615.4	1,817.1	1,920.5	2,098.2	(NA)	(NA)
Midwest	3,535	3,729	4,093	(NA)	(NA)	(NA)	1,097.1	1,262.6	1,358.3	1,548.5	(NA)	(NA)
South	1,892	1,834	1,989	(NA)	(NA)	(NA)	2,682.2	3,133.0	3,329.7	3,665.4	(NA)	(NA)
West	3,118	3,515	3,864	(NA)	(NA)	(NA)	2,295.1	2,491.8	2,523.2	2,759.6	(NA)	(NA)
N. Eng	**910**	**836**	**827**	(NA)	(NA)	(NA)	**356.3**	**392.7**	**413.5**	**450.8**	(NA)	(NA)
ME	60	59	65	233	292	314	28.6	33.2	35.3	40.0	91	213
NH	27	24	23	271	280	284	[2] 7.8	[2] 9.7	[2] 11.0	[2] 12.6	106	233
VT	32	37	38	340	422	421	15.7	18.1	19.9	22.2	137	260
MA	510	440	412	341	369	380	240.8	254.4	262.1	280.4	161	284
RI	72	66	69	325	329	361	24.6	29.3	31.8	35.9	138	249
CT	209	210	220	358	402	416	[2] 38.8	[2] 48.0	[2] 53.4	[2] 59.7	146	240
Mid. Atl	**2,954**	**2,896**	**2,993**	(NA)	(NA)	(NA)	**1,259.1**	**1,424.4**	**1,507.0**	**1,647.4**	(NA)	(NA)
NY	1,623	1,656	1,768	371	391	405	790.7	879.9	916.7	997.6	187	283
NJ	560	504	496	311	314	312	156.4	197.7	215.0	240.3	180	269
PA	771	736	729	297	308	315	312.0	346.8	375.3	409.5	147	259
E. No. Cent	**2,838**	**3,027**	**3,304**	(NA)	(NA)	(NA)	**827.4**	**949.6**	**1,022.0**	**1,171.3**	(NA)	(NA)
OH	561	606	671	250	257	258	200.3	235.6	253.9	280.8	127	238
IN	139	140	147	203	213	214	[2] 59.5	[2] 73.0	[2] 79.7	[2] 94.7	116	228
IL	722	805	832	277	294	289	[2] 206.5	[2] 246.1	[2] 266.0	[2] 306.2	149	237
MI	1,063	1,063	1,165	379	383	400	237.0	259.4	277.8	315.9	149	272
WI	353	413	489	366	422	454	124.1	135.5	144.6	163.7	142	269
W. No. Cent	**697**	**702**	**789**	(NA)	(NA)	(NA)	**269.7**	**313.0**	**336.3**	**377.2**	(NA)	(NA)
MN	207	233	269	336	425	459	[2] 41.8	[2] 47.9	[2] 52.1	[2] 59.7	122	195
IA	144	130	150	307	321	327	33.7	40.7	44.9	51.5	103	212
MO	182	176	191	217	232	241	[2] 128.4	[2] 146.4	[2] 154.7	[2] 171.0	128	227
ND	16	14	14	277	309	284	[2] 8.6	[2] 9.8	[2] 10.3	[2] 11.5	114	201
SD	19	17	18	218	241	244	10.3	12.5	13.7	15.5	109	208
NE	42	49	56	274	313	319	[2] 19.0	[2] 22.7	[2] 24.5	[2] 27.0	105	212
KS	87	83	91	271	305	304	27.9	33.0	36.1	41.0	120	210
So. Atl	**1,125**	**1,161**	**1,226**	(NA)	(NA)	(NA)	**1,173.1**	**1,398.0**	**1,492.9**	**1,651.6**	(NA)	(NA)
DE	32	28	27	227	234	237	11.0	13.1	14.3	15.9	117	227
MD	214	215	225	228	255	265	82.0	97.7	105.3	118.7	135	238
DC	92	86	78	252	283	282	31.0	36.0	38.5	42.7	145	274
VA	160	166	168	214	234	232	[2] 119.5	[2] 145.1	[2] 156.8	[2] 175.0	125	218
WV	60	58	60	182	183	170	[2] 72.3	[3] 84.8	[3] 90.7	[3] 100.4	137	243
NC	154	143	154	164	176	183	[2] 209.8	[2] 245.5	[2] 261.3	[2] 287.3	127	222
SC	72	75	75	107	124	128	[2] 123.6	[2] 146.6	[2] 156.9	[2] 173.8	125	217
GA	138	177	193	133	170	180	232.9	270.3	286.1	313.8	127	216
FL	203	213	246	175	184	196	291.0	358.9	383.0	424.0	176	234
E. So. Cent	**366**	**324**	**341**	(NA)	(NA)	(NA)	**715.8**	**839.4**	**896.1**	**985.7**	(NA)	(NA)
KY	136	122	129	177	184	184	[2] 151.0	[2] 179.7	[2] 195.1	[2] 217.0	132	237
TN	85	76	82	113	113	116	198.7	232.6	247.0	271.5	123	225
AL	84	72	73	110	109	111	[2] 195.3	[2] 226.5	[2] 241.5	[2] 264.7	130	223
MS	61	54	57	88	89	91	170.8	200.6	212.5	232.5	132	224
W. So. Cent	**401**	**349**	**422**	(NA)	(NA)	(NA)	**793.3**	**895.6**	**940.7**	**1,026.1**	(NA)	(NA)
AR	51	34	34	145	124	128	107.2	119.9	125.8	137.3	119	251
LA	124	127	136	148	168	168	220.9	246.3	256.8	278.6	140	230
OK	92	71	80	250	257	257	[2] 100.2	[2] 108.1	[2] 112.3	[2] 121.5	130	211
TX	134	117	172	109	105	136	[3] 365.0	[3] 421.3	[3] 445.8	[3] 490.7	131	212
Mt	**274**	**293**	**331**	(NA)	(NA)	(NA)	**187.6**	**223.4**	**239.1**	**270.0**	(NA)	(NA)
MT	19	20	25	228	287	305	10.7	12.7	13.5	15.5	111	235
ID	24	20	21	258	258	256	[2] 11.0	[2] 13.6	[2] 14.9	[2] 16.8	109	227
WY	9	9	11	262	315	307	[2] 2.5	[2] 3.0	[2] 3.2	[2] 4.0	111	242
CO	81	88	102	239	277	287	[2] 46.4	[2] 53.8	[2] 57.5	[2] 64.5	138	222
NM	42	44	43	185	204	203	[2] 41.3	[2] 48.4	[2] 51.7	[2] 57.1	135	235
AZ	40	51	65	174	191	218	[2] 53.2	[2] 63.2	[2] 68.3	[2] 77.3	156	251
UT	48	49	54	314	341	342	[2] 11.4	[2] 14.2	[2] 15.4	[2] 17.8	145	208
NV	11	12	10	207	220	185	11.1	14.5	14.6	17.0	159	238
Pac	**2,844**	**3,222**	**3,533**	(NA)	(NA)	(NA)	**2,107.5**	**2,268.4**	**2,284.1**	**2,489.6**	(NA)	(NA)
WA	251	242	268	365	389	403	85.4	95.3	103.9	118.6	152	265
OR	147	99	101	318	293	306	[2] 34.7	[2] 42.7	[2] 47.4	[2] 53.9	121	232
CA	2,328	2,763	3,047	399	447	466	1,962.0	2,100.2	2,100.5	2,280.8	234	340
AK	27	31	31	359	516	542	[2] 5.5	[2] 6.5	[2] 7.1	[2] 8.1	173	242
HI	91	87	86	386	406	406	19.9	23.7	25.2	28.2	195	264
PR	60	64	64	113	97	98	(X)	(X)	(X)	(X)	(X)	(X)
GU	3	4	4	209	230	232	(X)	(X)	(X)	(X)	(X)	(X)
VI	2	3	3	196	198	190	(X)	(X)	(X)	(X)	(X)	(X)
N. Mariana	(X)	(X)	(X)	(X)	(X)	(X)	[3] 1.4	[3] 1.6	[3] 1.7	[3] 1.8	246	268

NA Not available. X Not applicable. [1] 1980 figures include payments to Indochina refugees (U.S. total $23.6 million in 1980) which were not available by State. In addition, totals were reduced to reflect returned checks and overpayment refunds. [2] Federal SSI payments only; State has State-administered supplementation. [3] Federal SSI payments only.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and *Public Assistance Statistics*, monthly.

No. 647. Aid to Families With Dependent Children (AFDC)—Percent Distribution of Recipient Families and Children, by Characteristics: 1975 to 1982

[Refers to federally-aided State programs providing aid to needy children deprived of parental care or support. Based on a sample and subject to sampling variability; for details, see source]

FAMILIES	1975	1981	1982	CHILDREN	1975	1981	1982
Recipient families (1,000)	3,420	3,707	3,390	**Recipient children (1,000)**	8,121	7,341	6,624
PERCENT DISTRIBUTION				PERCENT DISTRIBUTION			
Families with—				Basis for eligibility:			
1 child	37.9	44.6	43.4	Father is—			
2 children	26.0	28.6	30.7	Deceased	3.7	1.5	.9
3 children	16.1	16.1	15.2	Incapacitated	7.7	4.1	3.5
4 or 5 children	15.0	9.2	8.0	Unemployed	3.7	5.1	6.0
6 or more children	5.0	1.7	1.6				
				Absent from home:			
Years as recipient: [1]				Divorced	19.4	[2] 21.8	[2] 20.6
Under 1 year	27.7	30.4	31.8	Separated	[3] 28.6	[4] 20.0	[4] 19.0
1–3 years	27.3	30.2	29.5	Not married to mother	31.0	43.8	46.5
4–5 years	18.8	13.5	14.5	Other	4.3	2.7	2.2
6–10 years	19.3	17.5	16.2	Mother is absent, not father	1.6	1.0	1.3
Over 10 years	6.3	8.4	7.9				
				Age: [1]			
				Under 6 years, including unborn	34.6	39.7	41.1
				6–11 years	33.7	32.0	32.4
				12–17 years	28.5	25.7	25.1
				18–20 years	2.4	2.7	1.5

[1] For 1975, excludes unknown or not reported. [2] Legally separated included with divorced. [3] Legally and nonlegally separated. [4] Nonlegally separated only.

Source: U.S. Social Security Administration, *1975 Recipient Characteristics Study* (Part 1), Sept. 1977; and unpublished data.

No. 648. Orphans, by Type: 1960 to 1984

[As of **July**. Includes Puerto Rico and Virgin Islands; beginning 1980, also includes American Samoa, Guam, and citizens (including Armed Forces) overseas. Covers children under age 18 who have been orphaned at any time. Paternal orphan refers to loss of father only, maternal orphan to loss of mother only, full orphan to loss of both parents. Percent of child population based on Social Security Administration estimates of number of children under 18, as of July 1. Data not exactly comparable for all years because of changes in methodology]

YEAR	NUMBER (1,000)				PERCENT OF CHILD POPULATION			
	Total	Paternal	Maternal	Full	Total	Paternal	Maternal	Full
1960	3,491	2,434	975	82	5.2	3.6	1.4	.1
1965	3,553	2,480	1,000	73	4.9	3.4	1.4	.1
1970	3,736	2,630	1,029	76	5.1	3.6	1.4	.1
1975	3,543	2,516	956	71	5.1	3.6	1.4	.1
1980	2,884	2,074	758	51	4.4	3.1	1.2	.1
1981	2,753	1,987	719	47	4.2	3.0	1.1	.1
1982	2,614	1,892	680	43	4.0	2.9	1.0	.1
1983	2,484	1,801	645	39	3.8	2.8	1.0	.1
1984	2,388	1,736	618	35	3.7	2.7	1.0	.1

Source: U.S. Social Security Administration, unpublished data.

No. 649. Child Care Arrangements Used by Employed Mothers For Youngest Child Under 5 Years Old: 1982

[As of **June**. Covers employed women, 18 to 44 years old having at least one child under 5 years old. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III]

PRINCIPAL CHILD CARE ARRANGEMENT	Total [1]	EMPLOYMENT STATUS		MARITAL STATUS		RACE	
		Full-time	Part-time	Married, husband present	Other [2]	White	Black
Number of mothers employed (1,000)	5,086	3,263	1,824	4,093	993	4,203	717
PERCENT DISTRIBUTION							
Total [3]	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Care in child's home	30.6	25.7	39.3	30.4	31.6	30.8	26.7
By father	13.9	10.3	20.3	16.8	1.9	14.7	8.3
By other relative	11.2	10.3	12.7	8.8	21.0	9.7	16.5
By nonrelative	5.5	5.1	6.3	4.8	8.7	6.4	1.9
Care in another home	40.2	43.8	34.0	40.7	38.2	40.3	42.2
By relative	18.2	19.7	15.6	18.0	19.0	16.7	28.4
By nonrelative	22.0	24.1	18.4	22.7	19.2	23.6	13.8
Group care center	14.8	18.8	7.5	13.4	20.2	13.6	20.9
Mother cares for child while working	9.1	6.2	14.4	10.5	3.3	10.3	3.1
Other arrangements [4]	.2	.3	.1	.1	.5	.1	.6

[1] Includes other races not shown separately. [2] Represents married women with husband absent (including separated) and widowed, divorced, and never-married women. [3] Includes women who don't know or gave no answer. [4] Includes child taking care of self.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 129.

No. 650. Child Support and Alimony—Selected Characteristics of Women: 1983

[Women as of **spring 1984.** Child support data are for women with own children under 21 years of age present from an absent father. Alimony data are for ever-divorced and currently separated women. Covers civilian noninstitutional population. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III. For definition of mean, see Guide to Tabular Presentation]

Recipiency status of women	Unit*	Total[1]	Current marital status				Race		Spanish origin[4]	Age		
			Divorced	Married[2]	Single[3]	Separated	White	Black		18 to 29 years	30 to 39 years	40 years and over
CHILD SUPPORT												
All women, total	**1,000**	**8,690**	**3,204**	**2,129**	**1,854**	**1,451**	**6,183**	**2,341**	**790**	**3,077**	**3,316**	**2,298**
Payments awarded[5]	1,000	5,015	2,443	1,613	328	593	4,137	788	323	1,341	2,275	1,399
Percent of total	Percent	57.7	76.2	75.8	17.7	40.9	66.9	33.7	40.9	43.6	68.6	60.9
Due child support payment in 1983	1,000	3,995	2,092	1,226	219	434	3,389	534	252	1,071	1,947	976
Received payment	1,000	3,037	1,598	881	166	378	2,614	370	158	781	1,527	730
Percent of total	Percent	34.9	49.9	41.4	9.0	26.1	42.3	15.8	20.0	25.4	46.0	31.8
Percent of due	Percent	76.0	76.4	71.9	75.8	87.1	77.4	69.3	62.7	72.9	78.4	74.8
Did not receive payment	1,000	958	494	345	53	55	774	164	94	291	420	246
Payments not awarded	1,000	3,675	761	516	1,526	858	2,045	1,553	467	1,735	1,041	899
Mean money income:												
Women received payments	Dollars	13,132	14,986	11,602	7,257	11,207	13,534	10,188	10,067	9,142	13,545	16,534
Mean child support	Dollars	2,341	2,491	2,164	1,132	2,682	2,475	1,465	1,839	1,723	2,356	2,968
Women did not receive payments	Dollars	8,433	9,635	6,936	(B)	(B)	8,383	8,578	10,438	5,654	9,961	9,106
Women not awarded payments	Dollars	7,389	10,611	7,774	5,366	7,971	8,066	6,615	5,885	5,013	9,310	9,752
Women with incomes below the poverty level in 1983, total	**1,000**	**2,898**	**925**	**187**	**1,048**	**726**	**1,577**	**1,256**	**394**	**1,465**	**928**	**506**
Payments awarded[5]	1,000	1,231	632	120	177	297	828	375	116	511	504	217
Received payments in 1983	1,000	568	287	45	77	158	403	153	53	226	267	75
Mean income from child support	Dollars	1,425	1,548	(B)	926	1,502	1,528	1,158	(B)	1,293	1,462	1,692
Did not receive payment	1,000	348	228	45	42	31	250	90	23	147	139	62
Payments not awarded	1,000	1,667	293	66	871	428	750	882	278	954	424	288
ALIMONY												
All women, total	**1,000**	**17,122**	**7,404**	**6,178**	**(X)**	**2,631**	**14,250**	**2,573**	**1,103**	**2,958**	**5,062**	**9,103**
Payments awarded[5]	1,000	2,382	1,143	853	(X)	268	2,198	163	132	193	537	1,652
Received payments in 1983	1,000	608	415	45	(X)	146	538	65	26	58	199	351
Mean income from alimony	Dollars	3,976	4,450	(B)	(X)	3,233	4,292	(B)	(B)	(B)	2,457	5,332
Did not receive payment	1,000	183	114	45	(X)	22	171	10	20	32	55	96
Payments not awarded	1,000	14,741	6,261	5,325	(X)	2,363	12,052	2,410	971	2,765	4,525	7,451
Women with incomes below the poverty level in 1983, total	**1,000**	**3,765**	**1,839**	**500**	**(X)**	**1,171**	**2,635**	**1,050**	**413**	**976**	**1,117**	**1,672**
Payments awarded	1,000	348	206	44	(X)	71	306	36	35	49	87	211
Payments not awarded	1,000	3,417	1,633	457	(X)	1,101	2,329	1,014	377	927	1,030	1,461

B Base less than 75,000. X Not applicable. [1] Includes other items, not shown separately. [2] Remarried women whose previous marriage ended in divorce. [3] Never-married women. [4] Persons of Spanish origin may be of any race. [5] Includes women who were not supposed to receive payments in 1983, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 141.

No. 651. Percent of Adult Population Doing Volunteer Work: 1981 and 1983

[Volunteers are persons who worked in some way to help others for no monetary pay during the previous year. Covers persons 18 years old and over. Data for 1981 were collected in March 1981 and 1983 data were collected in fall 1983 as part of Gallup Poll. Based on a sample and subject to sampling variability; see source]

Sex, race and educational attainment	1981	1983	Age and household income	1983	Type of activity	1983
Total	**52**	**55**	18–24 yrs. old	53	Percent of volunteers involved in—	
			25–29 yrs. old	67		
Male	47	53	30–49 yrs. old	63	Religious	37
Female	56	56	50–64 yrs. old	54	Health	23
			65 yrs. old and over	32	Education	23
White	54	55			Recreation	13
Black and other	41	39	Under $10,000	37	Political	11
			$10,000–$20,000	52	Citizenship	11
Grade school	26	26	$20,000–$30,000	56	Community action	11
High school, 1–3 years	31	32	$30,000–$40,000	74	Social welfare	10
High school, 4 years	54	51	$40,000 and over	78	Informal, alone	44
College, 1–3 years	65	67			Work-related	11
College, 4 years or more	75	77			Fundraising	11

Source: Volunteer: The National Center for Citizen Involvement, Arlington, VA, *Voluntary Action Leadership*, Spring 1984. (Copyright.)

No. 652. Nongovernment Social Services Establishments—Summary: 1982

[Covers only establishments with payroll. For explanation of methodology, see Appendix III]

TAX STATUS	Unit	Total	Individual and family social services	Job training, vocational rehabilitation	Child day care	Residential care	Social services, n.e.c.[1]
Number of establishments, total	Number	80,209	19,483	5,311	30,762	12,960	11,693
Tax exempt	Number	52,571	17,236	4,425	12,676	7,633	10,601
Taxable	Number	27,638	2,247	886	18,086	5,327	1,092
Paid employees, total[2]	1,000	1,125.9	259.3	225.1	258.4	233.9	149.3
Tax-exempt establishments	1,000	903.9	244.0	209.5	135.3	173.5	141.6
Taxable establishments	1,000	222.0	15.2	15.6	123.1	60.4	7.7
Payroll, total	Mil. dol	8,998.8	2,413.8	1,390.0	1,505.4	2,016.2	1,673.4
Tax-exempt establishments	Mil. dol	7,521.5	2,276.6	1,204.0	889.4	1,565.6	1,585.9
Taxable establishments	Mil. dol	1,477.3	137.2	186.0	616.1	450.6	87.5
Revenue, tax-exempt establishments	Mil. dol	19,958.9	5,459.6	2,277.5	1,529.9	3,372.8	7,319.1
Receipts, taxable establishments	Mil. dol	3,635.7	328.8	434.9	1,405.7	1,209.4	257.0

[1] N.e.c. means not elsewhere classified. [2] For week including March 12.

Source: U.S. Bureau of the Census, *Census of Service Industries, 1982*, Geographic Area Series, SC 82-A-52.

No. 653. American Red Cross—Summary: 1970 to 1984

[For years ending June 30]

ITEM	Unit	1970	1975	1980	1981	1982	1983	1984
Red Cross chapters	Number	3,240	3,142	3,082	3,053	3,011	2,963	2,932
Community volunteers[1]	1,000	2,310	1,371	1,418	1,406	1,375	1,458	1,443
Students participating in Red Cross school programs[1]	1,000	6,820	6,191	4,196	3,586	3,493	2,608	2,453
Blood donors—Red Cross and community services[1]	1,000	(NA)	4,262	4,158	4,683	4,915	5,149	5,401
Income, total	Mil. dol	147.1	248.7	481.6	553.0	637.0	722.2	786.5
Fund campaign contributions	Mil. dol	124.4	125.6	163.5	173.2	172.5	194.4	198.5
Blood services, U.S. Government research grants[2]	Mil. dol	(D)	88.7	241.2	301.7	371.9	419.0	437.0
Other[4]	Mil. dol	22.7	34.5	76.9	78.1	92.6	108.8	151.0
Expenditures, total[5]	Mil. dol	149.4	237.3	455.0	524.2	587.5	653.4	712.5
Services to Armed Forces, veterans, and families	Mil. dol	56.8	52.7	55.6	58.8	59.5	61.8	65.4
Disaster services	Mil. dol	32.6	22.0	57.5	48.6	48.8	63.2	69.6
Blood services	Mil. dol	[3] 15.3	100.3	241.2	301.4	353.2	391.7	424.0
Disaster services:								
Disaster relief operations	Number	688	1,023	3,418	6,734	7,065	6,039	6,371
Families assisted	1,000	43.4	22.3	90.5	36.3	31.5	49.7	60.8
Persons given emergency care	1,000	398	278	689	997	512	486	743
Disaster incidents[6]	1,000	20.4	31.0	35.7	36.4	36.1	37.3	46.4
Families assisted	1,000	31.2	45.4	46.3	50.3	50.7	54.5	66.6
Red Cross blood services:								
Blood voluntarily donated	1,000 units	3,175	4,291	5,435	5,629	5,911	6,222	6,096
Hospitals and blood banks served	Number	4,100	4,117	4,358	4,541	4,887	[1] 4,800	[1] 4,400
Certificates issued: Health services	1,000	4,359	4,946	6,041	6,373	6,416	6,470	6,694

NA Not available. [1] Estimated. [2] Includes civilian and Federal hospital participation fees and other. [3] Expenditures reported net of income. [4] Primarily income from endowment and other invested funds, legacies, and restricted contributions. [5] Includes other types not shown separately. [6] Mainly involving a small number of families.

Source: American Red Cross, Washington, DC, *Annual Report*.

No. 654. United Way Campaign Funds Raised, by Major Donor: 1970 to 1984

[**In millions of dollars.** "Campaign": A series of operations or systematic effort to reach a desired result or "goal"]

MAJOR DONOR GROUP	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	**788**	**916**	**979**	**1,023**	**1,104**	**1,205**	**1,318**	**1,423**	**1,530**	**1,680**	**1,781**	**1,950**	**2,145**
Corporations	225	260	271	281	293	301	331	394	430	457	499	528	566
Individuals:													
At workplace	478	560	601	643	700	783	893	931	999	1,085	1,127	1,260	1,405
Residential	37	36	36	40	34	33	33	34	34	} 138	155	162	174
Other	48	60	71	59	77	88	61	64	67				

Source: United Way of America, Alexandria, VA, *Measurements*, annual. (Copyright.)

NO. 655. PRIVATE PHILANTHROPY FUNDS, BY SOURCE AND ALLOCATION: 1970 TO 1984

[**In billions of dollars.** Estimates for sources of funds based largely on reports of the U.S. Internal Revenue Service for itemized deductions, corporate profits, and bequests. Data adjusted for nonitemized IRS deductions and after comparison with levels of gross national product, personal income, population, and publicly reported large bequests. For bases of allocation of funds, see source. See *Historical Statistics, Colonial Times to 1970*, series H 398-411, for similar but not comparable data]

SOURCE AND ALLOCATION	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total funds	**20.7**	**25.6**	**27.7**	**29.7**	**32.5**	**36.0**	**40.1**	**43.3**	**47.7**	**54.1**	**60.0**	**66.8**	**74.3**
Individuals	15.9	20.4	22.3	24.2	26.6	29.3	32.8	36.5	39.8	44.6	48.5	55.1	61.6
Foundations	1.9	2.0	2.1	2.0	2.1	2.0	2.6	2.2	2.9	3.1	3.2	4.0	4.4
Corporations	.8	1.2	1.2	1.2	1.5	1.7	2.1	2.3	2.7	2.9	3.0	3.2	3.5
Charitable bequests	2.1	2.0	2.1	2.2	2.4	3.0	2.6	2.2	2.4	3.5	5.5	4.5	4.9
Allocation:													
Religion	9.3	10.5	11.9	12.9	14.2	16.9	18.5	20.1	22.2	24.9	28.1	31.8	35.6
Education	3.2	4.1	4.1	4.0	4.5	4.8	5.6	6.0	6.7	7.6	8.4	9.3	10.1
Health and hospitals	3.4	4.2	4.3	4.4	4.9	4.9	5.5	6.0	6.5	7.5	8.4	9.4	10.4
Social welfare	2.9	3.1	3.1	3.1	3.2	3.5	4.0	4.4	4.7	5.4	6.3	7.2	8.0
Arts and humanities	.6	1.3	1.3	1.7	2.3	2.3	2.5	2.7	3.0	3.5	5.0	4.2	4.6
Civic and public	.4	.6	.8	.9	1.1	1.2	1.2	1.2	1.4	1.6	1.7	1.9	2.1
Other	.9	1.9	2.2	2.7	2.4	2.5	2.5	2.9	3.4	3.7	2.2	2.9	3.4

Source: American Association of Fund-Raising Counsel, Inc., New York, NY, *Giving USA*, annual. (Copyright.)

NO. 656. FOUNDATIONS—NUMBER AND FINANCES, STATES AND OTHER AREAS

[Figures are for latest year reported by foundations, usually **1982** or **1983.** Covers nongovernment nonprofit organizations with funds and programs managed by their own trustees or directors, whose goal was to maintain or aid social, educational, religious, or other activities deemed to serve the common good. Excludes organizations which make general appeals to the public for funds, act as trade associations for industrial or other special groups, or do not currently award grants]

STATE	Number	FINANCES (mil. dol.)			STATE	Number	FINANCES (mil. dol.)		
		Assets	Grants	Gifts received			Assets	Grants	Gifts received
Total	**23,770**	**58,670**	**4,490**	**4,003**	Michigan	720	2,314	237	114
					Minnesota	499	1,666	157	82
Alabama	180	128	10	6	Missouri	541	867	93	39
California	1,821	7,022	469	1,475	Nebraska	172	180	14	15
Colorado	250	576	46	17	New Jersey	711	2,316	96	40
Connecticut	602	863	108	38	New York	4,560	15,579	1,137	748
Delaware	133	512	28	7	North Carolina	422	1,081	89	38
District of Columbia	238	531	39	19	Ohio	1,160	2,058	197	101
Florida	724	809	63	50	Oklahoma	190	1,124	60	32
Georgia	415	762	56	32	Oregon	217	345	20	130
Hawaii	86	154	14	1	Pennsylvania	1,305	4,156	342	184
Illinois	1,530	4,058	315	118	Rhode Island	132	245	16	47
Indiana	470	1,264	92	57	South Carolina	144	151	11	6
Iowa	305	202	17	18	Tennessee	232	400	29	6
Kansas	222	182	15	40	Texas	1,170	4,438	364	301
Kentucky	131	210	14	12	Virginia	398	438	28	12
Louisiana	196	228	13	8	Washington	343	483	43	14
Maryland	387	418	35	29	Wisconsin	660	645	62	31
Massachusetts	1,314	1,180	94	56	Other States and PR	1,190	885	67	80

Source: The Foundation Center, New York, NY, *The National Data Book*, 9th edition, 1985.

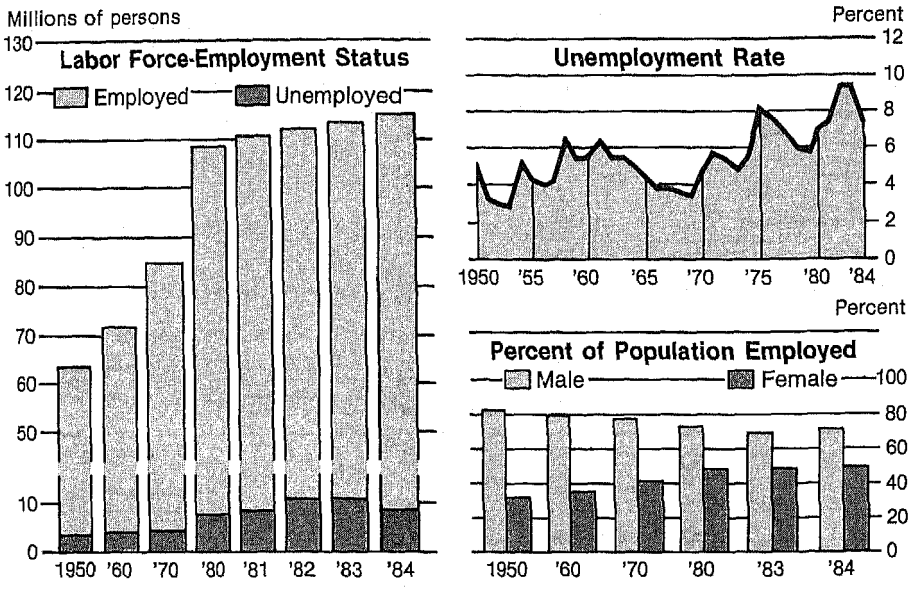
NO. 657. FOUNDATIONS—GRANTS REPORTED, BY SUBJECT FIELD: 1980 TO 1984

[Number and type of foundations reporting varies from year to year. Covers grants of $5,000 or more in size. For 1984, based on reports of 460 foundations which represented about 40 percent of all grant dollars awarded by private foundations. For definition of foundation, see headnote, table 656]

SUBJECT FIELD	NUMBER OF GRANTS					AMOUNT								
						Total (mil. dol.)					Percent distribution			
	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984	1980	1982	1983	1984
Total	**21,590**	**22,322**	**27,121**	**32,165**	**34,040**	**1,191**	**1,257**	**1,490**	**1,793**	**1,647**	**100.0**	**100.0**	**100.0**	**100.0**
Welfare	6,811	7,247	9,014	10,960	11,174	292	329	387	509	454	24.5	25.9	28.4	27.5
Education	4,719	4,506	5,145	5,775	6,099	266	266	356	286	286	22.4	23.9	16.0	17.4
Health	3,494	3,746	4,584	5,347	5,911	299	283	312	390	391	25.1	20.8	21.7	23.7
Culture	3,291	3,878	4,435	5,151	5,542	161	193	209	277	229	13.5	14.1	15.4	14.0
Science	1,375	1,268	1,644	2,043	2,148	75	87	96	161	123	6.3	6.5	9.0	7.5
Social science	1,182	1,273	1,704	2,225	2,354	68	75	102	132	126	5.7	6.9	7.4	7.6
Religion	718	404	595	664	812	29	25	28	38	38	2.4	1.9	2.1	2.3

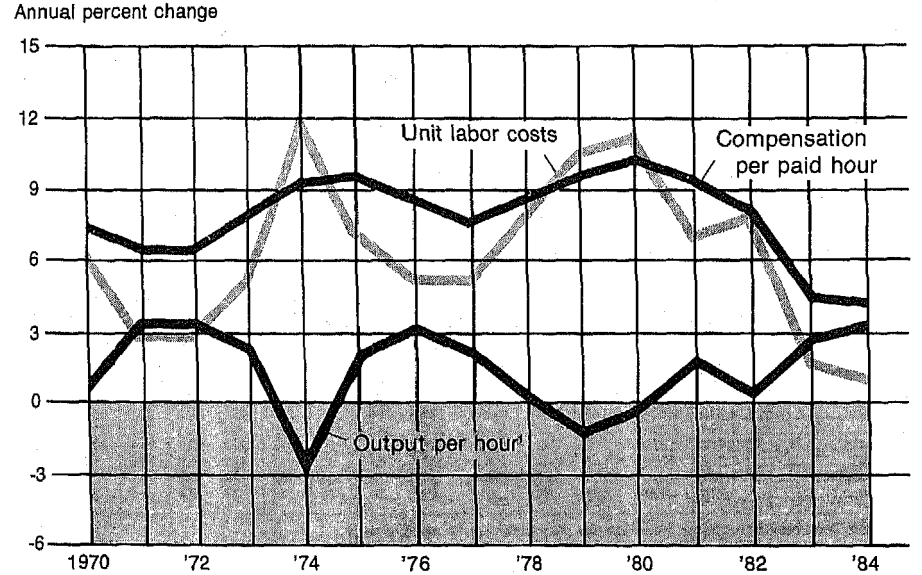
Source: The Foundation Center, New York, NY, *Foundation Grants Index*, annual.

Figure 14.1
Trends in the Labor Force: 1950 to 1984

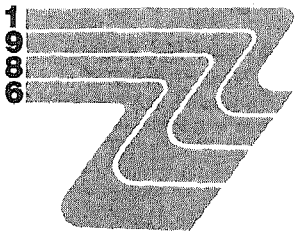


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 658.

Figure 14.2
Productivity, Hourly Compensation, and Unit Labor Costs: 1970 to 1984



[1]All persons.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 696.



Section 14

Labor Force, Employment, and Earnings

This section presents data on the labor force; its distribution by occupation and industry affiliation; and the supply of, demand for, and conditions of labor. The chief source of these data is the Current Population Survey conducted by the U.S. Bureau of the Census. Comprehensive historical data are published by the Bureau of Labor Statistics (BLS) in *Labor Force Statistics Derived From the Current Population Survey: A Databook, BLS Bulletin 2096* and its supplement, and the *Handbook of Labor Statistics.* These volumes are supplemented on a current basis by the BLS monthly publications *Employment and Earnings* and the *Monthly Labor Review.* Detailed data on the labor force are also available from the Census Bureau's decennial census of population.

Types of data.—Most statistics in this section are obtained by two methods: household interviews or questionnaires, and reports of establishment payroll records. Each method provides data which the other cannot suitably supply. Population characteristics, for example, are readily obtainable only from the household survey, while detailed industrial classifications can be readily derived only from establishment records.

Household data are obtained from a monthly sample survey of the population. The Current Population Survey (CPS) is used to gather data for the week including the 12th of the month, and provides current comprehensive data on the labor force (see text, p. 2). The CPS provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once, according to the job at which they work the most hours during the survey week.

Monthly data from the CPS are published by the Bureau of Labor Statistics in *Employment and Earnings* and the related reports mentioned above. Data presented include national totals by sex, race, and age, of the number of persons in the civilian labor force; the number employed, hours of work; industry and occupational groups; and the number unemployed, reasons for, and duration of unemployment. Monthly data from the CPS are also presented for 11 large States, New York City and the Los Angeles PMSA. Annual data shown in this section are averages of monthly figures for each calendar year, unless otherwise specified.

In addition to monthly data, the CPS also produces annual estimates of employment and unemployment for each State and the 30 largest standard metropolitan statistical areas (SMSAs). These estimates are published by BLS in its annual *Geographic Profile of Employment and Unemployment.* More detailed geographic data (e.g., for counties and cities) are provided by the decennial population censuses.

Data based on establishment records are compiled by BLS and cooperating State agencies as part of an ongoing Current Employment Statistics Program. Data, gathered from a sample of employers who voluntarily complete mail questionnaires monthly, are supplemented by data from other government agencies and adjusted at intervals to data from government social insurance program reports. The estimates exclude proprietors of unincorporated firms, self-employed persons, private household workers, unpaid family workers, agricultural workers, and the Armed Forces. In March 1984, reporting establishments employed 11 million manufacturing workers (55 percent of the total manufacturing employment at the time), 14 million workers in nonmanufacturing industries (25 percent of the total in nonmanufacturing), and 12 million Federal, State, and local government employees (74 percent of total government).

The establishment survey counts workers each time they appear on a payroll during the reference week (as with the CPS, the week including the 12th of the month). Thus, unlike the CPS, a person with two jobs is counted twice. The establishment survey is designed to provide detailed industry information for the Nation, States, and metropolitan areas on nonagricultural wage and salary employment, average weekly hours, and average hourly and weekly earnings. Establishment survey data are published in *Employment and Earnings* and the *Monthly Labor Review,* cited above. Historical, national, and geographic data are published in *BLS Bulletin 1312-12, Employment, Hours, and Earnings, United States, 1909-84* and *Bulletin 1370-17, Employment, Hours, and Earnings, 1939-82,* and their annual supplements, and in the *Handbook of Labor Statistics.*

Labor force.—According to the CPS definitions, the civilian labor force comprises all civilians in the noninstitutional population 16 years and over classified as "employed" or "unemployed" ac-

cording to the criteria below: Employed civilians comprise (a) all civilians, who, during the reference week, did any work for pay or profit (minimum of an hour's work) or worked 15 hours or more as unpaid workers in a family enterprise, and (b) all civilians who were not working but who had jobs or businesses from which they were temporarily absent for noneconomic reasons (illness, weather conditions, vacation, labor-management dispute, etc.). Unemployed persons comprise all civilians who had no employment during the reference week, who made specific efforts to find a job within the previous four weeks (such as applying directly to an employer, or to a public employment service, or checking with friends) and who were available for work during that week. Persons on layoff from a job or waiting to report to a new job within 30 days are also classified as unemployed. All other persons, 16 years old and over, are "not in the labor force." The labor force includes, in addition to the civilian employed and unemployed, members of the Armed Forces stationed in the United States. They are also included in the employed totals.

Beginning in 1982, changes in the estimation procedures and the introduction of 1980 census data caused substantial increases in the population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, were essentially unchanged. In order to avoid major breaks in series, some 30,000 labor force series were adjusted back to 1970. The effect of the 1982 revisions on various data series and an explanation of the adjustment procedure used are described in "Revisions in the Current Population Survey in January 1982," in the February 1982 issue of *Employment and Earnings*. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1978, and data users should make allowances for them in making certain data comparisons.

Beginning in January 1985, the CPS estimation procedure was revised. A description of the changes and an indication of their effect on the national estimates of labor force characteristics appear in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1985" in the February 1985 issue of *Employment and Earnings*. Overall, the revisions had only a slight effect on most estimates. The greatest impact was on estimates of persons of Hispanic origin, which will be revised, to the extent possible, back to January 1980.

Hours and earnings.—Average hourly earnings, based on establishment data, are gross earnings (i.e., earnings before payroll deductions) and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those for which pay was received. Wages and salaries from the CPS consist of total monies received for work performed by an employee during the income year. It includes wages, salaries, commissions, tips, piece-rate payments, and cash bonuses earned before deductions were made for taxes, bonds, union dues, etc. Persons who worked 35 hours or more are classified as working full time (see table 665).

Industrial and occupational groups.—Establishments responding to the establishment survey are classified into industries on the basis of their principal product or activity (determined by annual sales volume) in accordance with the Standard Industrial Classification (SIC) Manual, Office of Management and Budget; 1972 is the latest issue. The SIC is a classification structure for the entire national economy. The structure provides data on a division and industry code basis, according to the level of industrial detail. For example, manufacturing is a major industrial division, food and kindred products (code 20) is one of its major groups. One of the ways this group is further divided is into meat products (code 201) and meat packing plants (code 2011). Periodically, the SIC is revised to reflect changes in the industrial composition of the economy.

Industry data derived from the CPS beginning in January 1983, utilize the industrial classification developed for the 1980 Census of Population. CPS data from 1971 to 1982 were based on the 1970 census classifcation system. Both population census systems are developed from the SIC. The 1970 system is based on the 1967 SIC, whereas, the 1980 system relates to the 1972 edition. Most of the industry categories were not affected by the change in classification.

The occupational classification system used in the 1980 census (see table 677) and in the CPS beginning in January 1983, evolved from the 1980 Standard Occupational Classification (SOC) system, first introduced in 1977. Occupational categories used in the 1980 census classification system are so radically different from the 1970 census system used in the CPS through 1982, that their implementation represented a break in historical data series. In cases where data have not yet been converted to the 1980 classifications and still reflect the 1970 classifications (e.g., table 706), comparisons between the two systems should not be made. To help users bridge the data gap, a limited set of estimates was developed for the 1972–1982 period based on the new classifications. The estimates were developed by means of applying conversion factors created by double coding a 20-percent sample of CPS occupational records for 6 months during 1981–82. For further details, contact BLS.

Productivity—The Bureau of Labor Statistics (BLS) publishes data on productivity as measured by output per hour and output per combined unit of labor and capital (multifactor productivity).

Output per hour indexes are published for the business sector as a whole and its major subsectors: nonfarm business, manufacturing, nonfinancial corporations, 130 specific industries, and various functional areas of the Federal civilian government. Multifactor productivity measures are published for the private business economy, its major subsectors, and for the steel and motor vehicle industries. The major sector data are published in the BLS quarterly news release, *Productivity and Costs.* The specific industry productivity measures are published annually in the BLS Bulletin, *Productivity Measures for Selected Industries,* and the *Handbook of Labor Statistics.* Detailed information on methods, limitations, and data sources appears in the BLS *Handbook of Methods,* BLS Bulletin 2134-1 (1982), chapters 13 and 14.

Unions.—As defined here, unions include traditional labor unions and employee associations similar to labor unions. Data on union membership status are for employed wage and salary workers and relate to their principal job. Earnings by union membership status are usual weekly earnings of full-time wage and salary workers. The information is collected through the Current Population Survey. For a full description of the method of collection and comparability with earlier data, see "New Data on Union Members and Their Earnings" in the January 1985 issue of *Employment and Earnings,* and "Changing Employment Patterns of Organized Workers" in the February 1985 issue of *Monthly Labor Review.* Collective bargaining settlements data are available for bargaining situations involving 1,000 or more workers in private industry and State and local government.

Work stoppages.—Work stoppages include all strikes and lockouts known to BLS which last for at least one full day or shift and involve 1,000 or more workers. All stoppages, whether or not authorized by a union, legal or illegal, are counted. Excluded are work slowdowns and instances where employees report to work late, or leave early, to attend mass meetings or mass rallies.

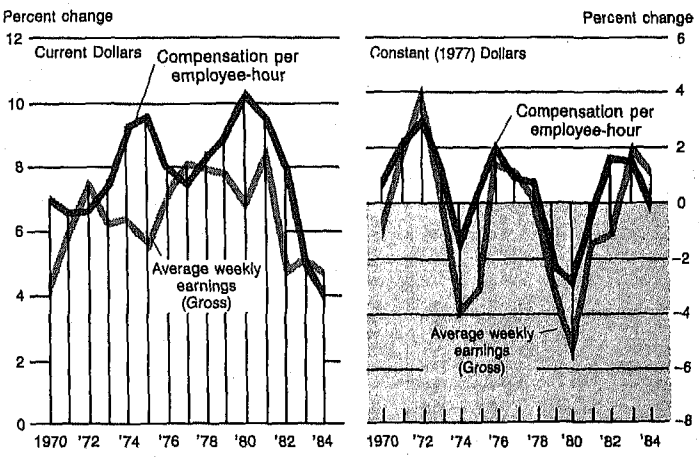
Seasonal adjustment.—Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation (e.g., climate or school openings and closings), it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors, but also are affected by the uncertainties of the adjustment process itself.

Statistical reliability.—For discussion of statistical collection, estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau and BLS data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for State and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

Figure 14.3
Earnings and Compensation—Annual Percent Change: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 698 and 699.

No. 658. Employment Status of the Noninstitutional Population 16 Years Old and Over By Sex: 1950 to 1985

[**In thousands, except as indicated.** Annual averages of monthly figures, except as indicated. Based on Current Population Survey; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 11-19 and D 85-86]

Year and sex	Noninstitutional population[1]	Labor force								Not in labor force
			Employed					Unemployed		
		Number	Total	Resident Armed Forces	Civilian			Number	Percent of labor force[1]	
					Total	Agriculture	Nonagriculture industries			
Total: 1950	106,164	63,377	60,087	1,169	58,918	7,160	51,758	3,288	5.2	42,787
1955	111,747	67,087	64,234	2,064	62,170	6,450	55,722	2,852	4.3	44,660
1960	119,106	71,489	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617
1965	126,459	76,401	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058
1968	134,281	80,990	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291
1969	136,573	82,972	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602
1970	139,203	84,889	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315
1971	142,189	86,355	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834
1972	145,939	88,847	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091
1973	148,870	91,203	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667
1974	151,841	93,670	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171
1975	154,831	95,453	87,524	1,676	85,846	3,408	82,438	7,929	8.3	59,377
1976	157,818	97,826	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991
1977	160,689	100,665	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025
1978	163,541	103,882	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659
1979	166,460	106,559	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,349	108,544	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806
1981	171,775	110,315	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460
1982	173,939	111,872	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067
1983	175,891	113,226	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665
1984	178,080	115,241	106,702	1,697	105,005	3,321	101,685	8,539	7.4	62,839
1985, June[2]	179,798	116,485	108,072	1,702	106,370	3,138	103,232	8,413	7.2	63,313
Male: 1950	51,875	44,969	42,728	1,150	41,578	6,002	35,576	2,239	5.0	6,906
1960	57,495	48,221	45,737	1,833	43,904	4,472	39,431	2,486	5.2	9,274
1970	66,385	53,309	51,071	2,081	48,990	2,862	46,128	2,238	4.2	13,076
1975	73,891	57,899	53,457	1,600	51,857	2,824	49,032	4,442	7.7	15,993
1980	80,877	62,932	58,665	1,479	57,186	2,709	54,477	4,267	6.8	17,945
1984	85,156	65,386	60,642	1,551	59,091	2,668	56,423	4,744	7.3	19,771
Female: 1950	54,289	18,408	17,359	19	17,340	1,159	16,181	1,049	5.7	35,881
1960	61,610	23,268	21,902	28	21,874	986	20,887	1,366	5.9	38,343
1970	72,819	31,580	29,725	37	29,688	601	29,087	1,855	5.9	41,239
1975	80,938	37,553	34,067	78	33,989	584	33,404	3,486	9.3	43,386
1980	88,472	45,611	42,241	124	42,117	656	41,461	3,370	7.4	42,861
1984	92,924	49,855	46,061	146	45,915	653	45,262	3,794	7.6	43,068
PERCENT DISTRIBUTION										
Total: 1950	100.0	59.7	56.6	1.1	55.5	6.7	48.8	3.1	(X)	40.3
1955	100.0	60.0	57.5	1.8	55.6	5.8	49.9	2.6	(X)	40.0
1960	100.0	60.0	56.8	1.6	55.2	4.6	50.6	3.2	(X)	40.0
1965	100.0	59.5	56.9	1.5	55.3	3.4	51.9	2.6	(X)	40.5
1968	100.0	60.3	58.2	1.7	56.5	2.8	53.7	2.1	(X)	39.7
1969	100.0	60.8	58.7	1.6	57.0	2.6	54.4	2.1	(X)	39.2
1970	100.0	61.0	58.0	1.5	56.5	2.5	54.0	2.9	(X)	39.0
1971	100.0	60.7	57.2	1.4	55.8	2.4	53.4	3.5	(X)	39.3
1972	100.0	60.9	57.5	1.2	56.3	2.4	53.9	3.3	(X)	39.1
1973	100.0	61.3	58.3	1.2	57.1	2.3	54.8	2.9	(X)	38.7
1974	100.0	61.7	58.3	1.1	57.2	2.3	54.8	3.4	(X)	38.3
1975	100.0	61.6	56.5	1.1	55.4	2.2	53.2	5.1	(X)	38.3
1976	100.0	62.0	57.3	1.1	56.2	2.1	54.1	4.7	(X)	38.0
1977	100.0	62.6	58.3	1.0	57.3	2.0	55.2	4.4	(X)	37.4
1978	100.0	63.5	59.7	1.0	58.7	2.1	56.7	3.8	(X)	36.5
1979	100.0	64.0	60.3	1.0	59.4	2.0	57.4	3.7	(X)	36.0
1980	100.0	64.1	59.6	.9	58.6	2.0	56.7	4.5	(X)	35.9
1981	100.0	64.2	59.4	1.0	58.4	2.0	56.5	4.8	(X)	35.8
1982	100.0	64.3	58.2	1.0	57.2	2.0	55.3	6.1	(X)	35.7
1983	100.0	64.4	58.3	1.0	57.3	1.9	55.4	6.1	(X)	35.6
1984	100.0	64.7	59.9	1.0	59.0	1.9	57.1	4.6	(X)	35.3
1985, June[2]	100.0	64.8	60.1	.9	59.2	1.7	57.4	4.7	(X)	35.2
Male: 1950	100.0	86.7	82.4	2.2	80.2	11.6	68.6	4.3	(X)	13.3
1960	100.0	83.9	79.5	3.2	76.4	7.8	68.6	4.3	(X)	16.1
1970	100.0	80.3	76.9	3.1	73.8	4.3	69.4	3.4	(X)	19.7
1975	100.0	78.4	72.3	2.2	70.2	3.8	66.4	6.0	(X)	21.6
1980	100.0	77.8	72.5	1.8	70.7	3.3	67.4	5.3	(X)	22.2
1984	100.0	76.8	71.2	1.8	69.4	3.1	66.3	5.6	(X)	23.2
Female: 1950	100.0	33.9	32.0	(Z)	31.9	2.1	29.8	1.9	(X)	66.1
1960	100.0	37.8	35.5	(Z)	35.5	1.6	33.9	2.2	(X)	62.2
1970	100.0	43.4	40.8	(Z)	40.8	.8	39.9	2.5	(X)	56.6
1975	100.0	46.4	42.1	(Z)	42.0	.7	41.3	4.3	(X)	53.6
1980	100.0	51.6	47.7	.1	47.6	.7	46.9	3.8	(X)	48.4
1984	100.0	53.7	49.6	.2	49.4	.7	48.7	4.1	(X)	46.3

X Not applicable. Z Less than .05. [1] Unemployment as a percent of the labor force, including resident Armed Forces.
[2] Seasonally adjusted, except for population and resident Armed Forces.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 659. EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION BY SEX, RACE, AND HISPANIC ORIGIN: 1960 TO 1985

[In thousands, except as indicated. Annual averages of monthly figures, except as indicated. Based on Current Population Survey, see Appendix III for methodology. See also *Historical Statistics, Colonial Times to 1970,* Series D 11-19 and D 85-86]

YEAR, SEX, RACE, AND HISPANIC ORIGIN	Civilian noninstitutional population	CIVILIAN LABOR FORCE						NOT IN LABOR FORCE	
		Total	Percent of population	Employed	Employment/population ratio [1]	Unemployed		Number	Percent of population
						Number	Percent of labor force		
Total:									
1960	117,245	69,628	59.4	65,778	56.1	3,852	5.5	47,617	40.6
1965	126,513	74,455	58.9	71,088	56.2	3,366	4.5	52,058	41.1
1970	137,085	82,771	60.4	78,678	57.4	4,093	4.9	54,315	39.6
1975	153,153	93,775	61.2	85,846	56.1	7,929	8.5	59,377	38.8
1978	161,910	102,251	63.2	96,048	59.3	6,202	6.1	59,659	36.8
1979	164,863	104,962	63.7	98,824	59.9	6,137	5.8	59,900	36.3
1980	167,745	106,940	63.8	99,303	59.2	7,637	7.1	60,806	36.2
1981	170,130	108,670	63.9	100,397	59.0	8,273	7.6	61,460	36.1
1982	172,271	110,204	64.0	99,526	57.8	10,678	9.7	62,067	36.0
1983	174,215	111,550	64.0	100,834	57.9	10,717	9.6	62,665	36.0
1984	176,383	113,544	64.4	105,005	59.5	8,539	7.5	62,839	35.6
1985, June [2]	178,096	114,783	64.5	106,370	59.7	8,413	7.3	63,313	35.5
Male:									
1960	55,662	46,388	83.3	43,904	78.9	2,486	5.4	9,274	16.7
1965	59,782	48,255	80.7	46,340	77.5	1,914	4.0	11,527	19.3
1970	64,304	51,228	79.7	48,990	76.2	2,238	4.4	13,076	20.3
1975	72,291	56,299	77.9	51,857	71.7	4,442	7.9	15,993	22.1
1978	76,576	59,620	77.9	56,479	73.8	3,142	5.3	16,956	22.1
1979	78,020	60,726	77.8	57,607	73.8	3,120	5.1	17,293	22.2
1980	79,398	61,453	77.4	57,186	72.0	4,267	6.9	17,945	22.7
1981	80,511	61,974	77.0	57,397	71.3	4,577	7.4	18,537	23.0
1982	81,523	62,450	76.6	56,271	69.0	6,179	9.9	19,073	23.4
1983	82,531	63,047	76.4	56,787	68.8	6,260	9.9	19,484	23.6
1984	83,605	63,835	76.4	59,091	70.7	4,744	7.4	19,771	23.6
1985, June [2]	84,418	64,056	75.9	59,407	70.4	4,649	7.3	20,362	24.1
Female:									
1960	61,582	23,240	37.7	21,874	35.5	1,366	5.9	38,343	62.3
1965	66,731	26,200	39.3	24,748	37.1	1,452	5.5	40,531	60.7
1970	72,782	31,543	43.3	29,688	40.8	1,855	5.9	41,239	56.7
1975	80,860	37,475	46.3	33,989	42.0	3,486	9.3	43,386	53.7
1978	85,334	42,631	50.0	39,569	46.4	3,061	7.2	42,703	50.0
1979	86,843	44,235	50.9	41,217	47.5	3,018	6.8	42,608	49.1
1980	88,348	45,487	51.5	42,117	47.7	3,370	7.4	42,861	48.5
1981	89,618	46,696	52.1	43,000	48.0	3,696	7.9	42,922	47.8
1982	90,748	47,755	52.6	43,256	47.7	4,499	9.4	42,993	47.4
1983	91,684	48,503	52.9	44,047	48.0	4,457	9.2	43,181	47.1
1984	92,778	49,709	53.6	45,915	49.5	3,794	7.6	43,068	46.4
1985, June [2]	93,678	50,727	54.2	46,963	50.1	3,764	7.4	42,951	45.8
White:									
1960	105,282	61,915	58.8	58,850	55.9	3,065	5.0	43,367	41.1
1965	113,284	66,137	58.4	63,445	56.0	2,691	4.1	47,147	41.6
1970	122,174	73,556	60.2	70,217	57.5	3,339	4.5	48,618	39.8
1975	134,790	82,831	61.5	76,411	56.7	6,421	7.8	51,959	38.5
1978	141,612	89,634	63.3	84,936	60.0	4,698	5.2	51,978	36.7
1979	143,894	91,923	63.9	87,259	60.6	4,664	5.1	51,971	36.1
1980	146,122	93,600	64.1	87,715	60.0	5,884	6.3	52,522	35.9
1981	147,908	95,052	64.3	88,709	60.0	6,343	6.7	52,856	35.7
1982	149,441	96,143	64.3	87,903	58.8	8,241	8.6	53,298	35.7
1983	150,805	97,021	64.3	88,893	58.9	8,128	8.4	53,784	35.7
1984	152,347	98,492	64.6	92,120	60.5	6,372	6.5	53,855	35.4
1985, June [2]	153,597	99,441	64.7	92,990	60.5	6,451	6.5	54,156	35.3
Black:									
1973	14,917	8,976	60.2	8,128	54.5	846	9.4	5,941	39.8
1975	15,751	9,263	58.8	7,894	50.1	1,369	14.8	6,488	41.2
1978	16,970	10,432	61.5	9,102	53.6	1,330	12.8	6,538	38.5
1979	17,397	10,678	61.4	9,359	53.8	1,319	12.3	6,719	38.6
1980	17,824	10,865	61.0	9,313	52.2	1,553	14.3	6,959	39.0
1981	18,219	11,086	60.8	9,355	51.3	1,731	15.6	7,133	39.2
1982	18,584	11,331	61.0	9,189	49.4	2,142	18.9	7,254	39.0
1983	18,925	11,647	61.5	9,375	49.5	2,272	19.5	7,278	38.5
1984	19,348	12,033	62.2	10,119	52.3	1,914	15.9	7,315	37.8
1985, June [2]	19,646	12,269	62.5	10,551	53.7	1,718	14.0	7,377	37.5
Hispanic origin: [3]									
1980	9,585	6,138	64.0	5,520	57.6	619	10.1	3,447	36.0
1981	10,033	6,436	64.1	5,763	57.4	672	10.4	3,597	35.9
1982	10,422	6,633	63.6	5,719	54.9	915	13.8	3,789	36.4
1983	10,795	6,884	63.8	5,943	55.1	940	13.7	3,911	36.2
1984	11,164	7,247	64.9	6,469	57.9	778	10.7	3,917	35.1
1985, June [2]	11,514	7,416	64.4	6,629	57.6	787	10.6	4,098	35.6

[1] Civilian employed as a percent of the noninstitutional population.
[2] Seasonally adjusted, except population figures. [3] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

No. 660. Civilian Labor Force and Participation Rates, by Race, Sex, and Age, 1970 to 1984, and Projections, 1990 and 1995

[**Persons 16 years old and over.** Labor force data are annual averages of monthly figures. Rates are based on annual average civilian noninstitutional population of each specified group and represent proportion of each specified group in the civilian labor force. See also *Historical Statistics, Colonial Times to 1970*, series D 42-48]

Race, sex, and age	Civilian labor force (millions)							Participation rate (percent)						
	1970	1975	1980	1983	1984	1990	1995	1970	1975	1980	1983	1984	1990	1995
Total [1]	**82.8**	**93.8**	**106.9**	**111.6**	**113.5**	**125.0**	**131.4**	**60.4**	**61.2**	**63.8**	**64.0**	**64.4**	**66.9**	**67.8**
White	73.6	82.8	93.6	97.0	98.5	107.7	112.4	60.2	61.5	64.1	64.3	64.8	67.3	68.1
Male	46.0	50.3	54.5	55.5	56.1	59.2	60.8	80.0	78.7	78.2	77.1	77.1	77.4	77.0
Female	27.5	32.5	39.1	41.5	42.4	48.5	51.6	42.6	45.9	51.2	52.7	53.3	58.1	60.0
Black [2]	9.2	9.3	10.9	11.6	12.0	13.6	14.8	61.8	58.8	61.0	61.5	62.2	64.5	65.4
Male	5.2	5.0	5.6	6.0	6.1	6.7	7.3	76.5	71.0	70.6	70.6	70.8	70.4	70.5
Female	4.0	4.2	5.3	5.7	5.9	6.9	7.6	49.5	48.9	53.2	54.2	55.2	59.0	61.2
Male	51.2	56.3	61.5	63.0	63.8	67.7	70.0	79.7	77.9	77.4	76.4	76.4	76.5	76.1
16-19 years	4.0	4.8	5.0	4.3	4.1	4.1	4.0	56.1	59.1	60.5	56.2	56.0	62.3	62.9
16 and 17 years	1.8	2.1	2.1	1.6	1.6	1.7	1.8	47.0	48.6	50.1	43.2	43.5	51.0	52.7
18 and 19 years	2.2	2.7	2.9	2.7	2.5	2.5	2.3	66.7	70.6	71.3	68.6	68.1	73.2	74.4
20-24 years	5.7	7.6	8.6	8.6	8.6	7.2	6.5	83.3	84.5	85.9	84.8	85.0	84.4	84.1
25-34 years	11.3	14.2	17.0	18.0	18.5	19.6	18.1	96.4	95.2	95.2	94.2	94.4	93.7	93.1
35-44 years	10.5	10.4	11.8	13.4	14.0	17.5	19.4	96.9	95.6	95.5	95.2	95.4	95.6	95.3
45-54 years	10.4	10.4	9.9	9.7	9.8	11.1	13.8	94.3	92.1	91.2	91.2	91.2	91.3	91.1
55-64 years	7.1	7.0	7.2	7.1	7.1	6.4	6.3	83.0	75.6	72.1	69.4	68.5	65.5	64.5
65 years and over	2.2	1.9	1.9	1.8	1.8	1.8	1.7	26.8	21.6	19.0	17.4	16.3	14.9	13.3
Female	31.5	37.5	45.5	48.5	49.7	57.3	61.4	43.3	46.3	51.5	52.9	53.6	58.3	60.3
16-19 years	3.2	4.1	4.4	3.9	3.8	3.8	3.8	44.0	49.1	52.9	50.8	51.8	56.8	58.2
16 and 17 years	1.3	1.7	1.8	1.5	1.5	1.5	1.6	34.9	40.2	43.6	39.9	41.2	46.2	48.0
18 and 19 years	1.9	2.4	2.6	2.4	2.4	2.3	2.2	53.5	58.1	61.9	60.7	61.8	66.5	68.9
20-24 years	4.9	6.2	7.3	7.5	7.5	7.0	6.8	57.7	64.1	68.9	69.9	70.4	78.1	82.0
25-34 years	5.7	8.7	12.3	13.8	14.2	16.8	16.3	45.0	54.9	65.5	69.0	69.8	78.1	81.7
35-44 years	6.0	6.5	8.6	10.2	10.9	15.0	17.4	51.1	55.8	65.5	68.7	70.1	78.6	82.8
45-54 years	6.5	6.7	7.0	7.1	7.2	8.7	11.1	54.4	54.6	59.9	61.9	62.9	67.1	69.5
55-64 years	4.2	4.3	4.7	4.9	4.9	4.6	4.7	43.0	40.9	41.3	41.5	41.7	41.5	42.5
65 years and over	1.1	1.0	1.2	1.2	1.2	1.3	1.3	9.7	8.2	8.1	7.8	7.5	7.4	7.0

[1] Beginning 1975, includes other races not shown separately. [2] For 1970, Black and other.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly; and *Monthly Labor Review*, November 1983.

No. 661. Civilian Labor Force—Percent Distribution, by Sex and Age: 1960 to 1984

[Annual average of monthly figures. See *Historical Statistics, Colonial Times to 1970*, series D 29-41, for similar but not exactly comparable data]

Year and sex	Civilian labor force (1,000)	Percent distribution						
		16-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 yr. and over
Total: 1960	69,628	7.0	9.6	20.7	23.4	21.3	13.5	4.6
1965	74,455	7.9	11.1	19.1	22.6	21.2	13.9	4.2
1970	82,771	8.8	12.8	20.6	19.9	20.5	13.6	3.9
1975	93,775	9.5	14.7	24.4	18.0	18.2	12.1	3.2
1978	102,251	9.4	15.0	26.1	18.4	16.5	11.5	3.0
1979	104,962	9.2	15.0	26.6	18.8	16.1	11.4	3.0
1980	106,940	8.8	14.9	27.3	19.1	15.8	11.2	2.9
1981	108,670	8.3	14.8	28.0	19.5	15.6	11.0	2.8
1982	110,204	7.7	14.6	28.3	20.4	15.3	10.9	2.7
1983	111,550	7.3	14.4	28.5	21.2	15.1	10.8	2.7
1984	113,544	7.0	14.1	28.8	22.0	15.0	10.5	2.6
Male: 1960	46,388	6.0	8.9	22.1	23.6	20.6	13.8	4.9
1965	48,255	7.0	10.1	20.5	23.0	20.8	14.0	4.4
1970	51,228	7.8	11.2	22.1	20.4	20.3	13.9	4.2
1975	56,299	8.5	13.4	25.2	18.5	18.5	12.5	3.4
1978	59,620	8.6	14.0	26.5	18.7	16.9	12.0	3.2
1979	60,726	8.4	14.1	27.0	19.0	16.5	11.9	3.2
1980	61,453	8.1	14.0	27.6	19.3	16.1	11.8	3.1
1981	61,974	7.7	14.0	28.2	19.6	15.9	11.6	3.0
1982	62,450	7.2	13.8	28.5	20.5	15.7	11.5	3.0
1983	63,047	6.8	13.6	28.6	21.3	15.5	11.3	2.9
1984	63,835	6.5	13.5	29.0	22.0	15.3	11.0	2.7
Female: 1960	23,240	8.8	11.1	17.8	22.8	22.7	12.8	3.9
1965	26,200	9.6	12.8	16.5	21.8	21.8	13.7	3.7
1970	31,543	10.3	15.5	18.1	18.9	20.7	13.2	3.3
1975	37,475	10.8	16.5	23.1	17.4	17.8	11.5	2.8
1978	42,631	10.6	16.5	25.5	18.0	18.0	10.8	2.7
1979	44,235	10.2	16.4	26.1	18.4	15.6	10.7	2.6
1980	45,487	9.6	16.1	26.9	19.0	15.4	10.4	2.6
1981	46,696	9.0	16.0	27.7	19.4	15.2	10.3	2.5
1982	47,755	8.5	15.7	28.0	20.2	14.9	10.2	2.5
1983	48,503	8.0	15.4	28.4	21.1	14.6	10.0	2.5
1984	49,709	7.7	15.0	28.6	21.9	14.5	9.9	2.4

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 662. CHARACTERISTICS OF THE CIVILIAN LABOR FORCE, BY STATE: 1984

[**In thousands, except ratio and rate.** Persons 16 years old and over. Annual averages of monthly figures. U.S. totals derived by independent population controls; therefore State data may not add to U.S. totals. For composition of regions, see fig. I inside front cover]

REGION, DIVISION AND STATE	TOTAL		EMPLOYED		Employed/ population ratio [1]	UNEMPLOYED					PARTICIPATION RATE [3]	
						Total		Rate [2]				
	Number	Female	Total	Female		Number	Female	Total	Male	Female	Male	Female
U.S.	**113,544**	**49,709**	**105,005**	**45,915**	**59.5**	**8,539**	**3,794**	**7.5**	**7.4**	**7.6**	**76.4**	**53.6**
Region:												
Northeast	23,958	10,486	22,321	9,775	58.1	1,638	711	6.8	6.9	6.8	74.8	51.4
Midwest	28,777	12,564	26,354	11,527	59.8	2,423	1,036	8.4	8.6	8.2	77.0	54.5
South	38,046	16,749	35,293	15,433	59.3	2,754	1,316	7.2	6.8	7.9	76.1	53.2
West	22,721	9,895	21,000	9,164	61.1	1,721	730	7.6	7.7	7.4	77.6	55.5
New England	**6,555**	**2,938**	**6,237**	**2,792**	**64.2**	**319**	**146**	**4.9**	**4.8**	**5.0**	**78.4**	**57.6**
ME	552	250	518	234	59.8	34	15	6.1	6.1	6.2	73.9	54.5
NH	520	240	498	230	67.6	22	10	4.3	4.3	4.2	80.2	62.0
VT	269	116	255	110	64.4	14	6	5.2	5.2	5.2	78.1	58.0
MA	3,051	1,368	2,906	1,304	64.3	145	65	4.8	4.8	4.7	79.0	57.4
RI	490	219	464	207	62.5	26	12	5.3	5.2	5.5	77.6	55.7
CT	1,672	745	1,595	707	65.0	77	38	4.6	4.2	5.1	78.8	58.3
Middle Atlantic	**17,403**	**7,548**	**16,084**	**6,983**	**56.1**	**1,319**	**565**	**7.6**	**7.7**	**7.5**	**73.6**	**49.3**
NY	8,089	3,510	7,505	3,259	55.1	584	251	7.2	7.3	7.2	72.4	48.0
NJ	3,829	1,708	3,592	1,599	61.5	236	109	6.2	6.0	6.4	78.4	54.5
PA	5,487	2,331	4,988	2,126	54.2	499	205	9.1	9.3	8.8	72.5	48.0
East North Central	**20,083**	**8,742**	**18,201**	**7,931**	**58.6**	**1,882**	**811**	**9.4**	**9.4**	**9.3**	**76.6**	**53.7**
OH	5,099	2,195	4,618	2,002	57.3	481	192	9.4	9.9	8.8	76.1	51.7
IN	2,627	1,146	2,400	1,048	58.7	226	97	8.6	8.7	8.5	76.3	53.4
IL	5,604	2,442	5,093	2,208	59.1	511	234	9.1	8.8	9.6	76.8	54.3
MI	4,359	1,912	3,871	1,691	57.2	488	221	11.2	10.9	11.6	76.3	53.8
WI	2,394	1,047	2,218	981	62.3	176	66	7.3	8.1	6.3	77.9	57.1
West North Central	**8,694**	**3,822**	**8,152**	**3,597**	**62.6**	**542**	**225**	**6.2**	**6.5**	**5.9**	**78.1**	**56.3**
MN	2,229	988	2,088	937	67.2	141	51	6.3	7.3	5.1	80.9	62.7
IA	1,417	621	1,318	580	60.8	100	41	7.0	7.4	6.6	77.6	54.3
MO	2,379	1,032	2,207	961	58.6	172	71	7.2	7.5	6.9	75.3	52.2
ND	327	137	311	130	63.4	17	7	5.1	5.3	4.8	78.8	55.1
SD	346	156	331	149	64.9	15	7	4.3	4.1	4.6	77.9	58.6
NE	798	355	763	336	64.5	35	19	4.4	3.7	5.2	79.1	57.0
KS	1,197	532	1,135	502	63.1	63	30	5.2	4.9	5.7	78.8	55.9
South Atlantic	**18,853**	**8,460**	**17,627**	**7,848**	**59.5**	**1,226**	**612**	**6.5**	**5.9**	**7.2**	**74.9**	**53.7**
DE	308	143	289	134	62.6	19	9	6.2	5.8	6.6	76.5	56.0
MD	2,244	1,010	2,123	952	64.5	121	57	5.4	5.2	5.7	77.9	59.2
DC	320	160	291	146	60.5	29	14	9.0	9.2	8.8	73.4	60.8
VA	2,841	1,272	2,698	1,199	64.9	143	73	5.0	4.5	5.7	80.5	57.6
WV	769	303	653	268	44.4	116	35	15.0	17.2	11.7	66.9	39.2
NC	3,033	1,388	2,828	1,272	61.8	205	116	6.7	5.4	8.3	76.8	57.1
SC	1,480	669	1,374	609	57.8	105	60	7.1	5.5	9.0	74.7	51.8
GA	2,760	1,240	2,594	1,156	61.2	166	84	6.0	5.4	6.8	76.9	54.8
FL	5,099	2,275	4,777	2,112	55.6	322	163	6.3	5.6	7.2	70.5	49.7
East South Central	**6,807**	**2,988**	**6,141**	**2,675**	**55.5**	**666**	**313**	**9.8**	**9.3**	**10.5**	**74.5**	**50.3**
KY	1,717	734	1,556	660	56.9	160	73	9.3	8.9	10.0	75.8	51.0
TN	2,223	1,001	2,033	917	57.3	190	85	8.6	8.6	8.5	74.3	52.6
AL	1,794	783	1,594	683	54.2	200	101	11.1	9.8	12.9	74.9	49.2
MS	1,074	470	958	416	52.1	116	54	10.8	10.3	11.5	72.1	46.9
West South Central	**12,387**	**5,301**	**11,525**	**4,910**	**61.4**	**862**	**391**	**7.0**	**6.6**	**7.4**	**78.8**	**54.2**
AR	1,045	458	951	412	54.7	93	45	8.9	8.1	9.9	72.8	49.0
LA	1,940	823	1,745	738	54.9	194	85	10.0	9.8	10.3	74.6	48.9
OK	1,548	691	1,439	648	59.6	109	43	7.0	7.6	6.3	75.5	54.0
TX	7,853	3,329	7,387	3,111	64.6	466	218	5.9	5.5	6.5	81.4	56.6
Mountain	**6,111**	**2,650**	**5,732**	**2,485**	**63.4**	**379**	**165**	**6.2**	**6.2**	**6.2**	**79.0**	**56.9**
MT	405	172	376	158	62.3	30	14	7.4	7.0	8.0	78.9	56.0
ID	464	199	431	186	61.4	33	14	7.2	7.4	6.8	78.3	54.8
WY	254	105	238	100	66.0	16	6	6.3	7.0	5.4	82.5	58.4
CO	1,707	768	1,610	724	68.7	96	44	5.6	5.5	5.8	82.9	63.3
NM	628	264	582	245	57.5	47	19	7.5	7.6	7.2	74.8	50.3
AZ	1,433	621	1,361	592	60.4	71	29	5.0	5.2	4.6	74.4	53.3
UT	721	304	674	283	62.7	47	22	6.5	6.1	7.1	80.7	54.4
NV	496	215	457	197	66.7	39	18	7.8	7.4	8.4	82.4	62.5
Pacific	**16,610**	**7,245**	**15,268**	**6,679**	**60.3**	**1,342**	**565**	**8.1**	**8.3**	**7.8**	**77.1**	**55.0**
WA	2,054	880	1,859	797	57.6	194	83	9.5	9.5	9.4	75.0	52.8
OR	1,336	576	1,210	522	59.7	125	54	9.4	9.3	9.4	76.1	56.1
CA	12,503	5,464	11,532	5,056	60.7	972	408	7.8	8.0	7.5	77.6	55.0
AK	245	107	220	98	66.1	25	9	10.0	11.1	8.7	82.3	64.5
HI	473	218	446	206	61.8	27	12	5.6	5.9	5.3	73.5	58.1

[1] Civilian employment as a percent of civilian noninstitutional population. [2] Percent unemployed of the civilian labor force. [3] Percent of civilian noninstitutional population of each specified group in the civilian labor force.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 1984.*

No. 663. Civilian Labor Force—Employment Status, by Sex, Race, and Age: 1984

[**Persons 16 years old and over;** civilian noninstitutional population. Annual averages of monthly figures]

Age and race	Civilian labor force			Male (1,000)			Female (1,000)			Percent of labor force			
		Percent by age								Employed		Unemployed	
	Total (1,000)	Male	Female	Total	Employed	Unemployed	Total	Employed	Unemployed	Male	Female	Male	Female
All workers [1]	**113,544**	**100.0**	**100.0**	**63,835**	**59,091**	**4,744**	**49,709**	**45,915**	**3,794**	**92.6**	**92.4**	**7.4**	**7.6**
16–19 yr.	7,943	6.5	7.7	4,134	3,322	812	3,810	3,122	687	80.4	81.9	19.6	18.0
20–24 yr.	16,046	13.5	15.0	8,594	7,571	1,023	7,451	6,636	815	88.1	89.1	11.9	10.9
25–34 yr.	32,723	29.0	28.6	18,488	17,166	1,322	14,234	13,182	1,052	92.8	92.6	7.2	7.4
35–44 yr.	24,933	22.0	21.9	14,037	13,309	728	10,896	10,289	607	94.8	94.4	5.2	5.6
45–54 yr.	17,006	15.3	14.5	9,776	9,326	450	7,230	6,852	378	95.4	94.7	4.6	5.2
55–64 yr.	11,961	11.0	9.9	7,050	6,694	356	4,911	4,700	211	95.0	95.7	5.0	4.3
65 yr. and over	2,933	2.7	2.4	1,755	1,703	53	1,177	1,133	45	97.0	96.3	3.0	3.8
White	**98,492**	**100.0**	**100.0**	**56,062**	**52,462**	**3,600**	**42,431**	**39,659**	**2,772**	**93.6**	**93.5**	**6.4**	**6.5**
16–19 yr.	6,952	6.4	7.8	3,609	3,001	608	3,343	2,835	508	83.2	84.8	16.8	15.2
20–24 yr.	13,733	13.1	15.0	7,370	6,647	722	6,363	5,804	559	90.2	91.2	9.8	8.8
25–34 yr.	27,958	28.6	28.1	16,037	15,045	991	11,922	11,190	731	93.8	93.9	6.2	6.1
35–44 yr.	21,588	22.0	21.8	12,348	11,776	572	9,240	8,776	464	95.4	95.0	4.6	5.0
45–54 yr.	14,699	15.5	14.7	8,683	8,320	363	6,217	5,920	297	95.8	95.2	4.2	4.8
55–64 yr.	10,701	11.4	10.1	6,410	6,108	302	4,292	4,118	173	95.3	95.9	4.7	4.0
65 yr. and over	2,660	2.9	2.5	1,606	1,564	42	1,054	1,015	39	97.4	96.3	2.6	3.7
Black	**12,033**	**100.0**	**100.0**	**6,126**	**5,124**	**1,003**	**5,907**	**4,995**	**911**	**83.6**	**84.6**	**16.4**	**15.4**
16–19 yr.	827	7.2	6.6	440	252	188	387	222	165	57.3	57.4	42.7	42.6
20–24 yr.	1,926	16.7	15.3	1,022	750	272	904	673	231	73.4	74.4	26.6	25.6
25–34 yr.	3,800	31.4	31.8	1,924	1,635	289	1,876	1,588	288	85.0	84.6	15.0	15.4
35–44 yr.	2,565	20.7	21.9	1,270	1,138	132	1,294	1,173	121	89.6	90.6	10.4	9.4
45–54 yr.	1,671	13.8	13.9	847	780	67	823	753	71	92.1	91.5	7.9	8.6
55–64 yr.	1,020	8.2	8.7	505	460	45	515	485	30	91.1	94.2	8.9	5.8
65 yr. and over	224	1.9	1.8	118	108	9	106	101	5	92.3	95.3	7.7	4.7

[1] Includes other races not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 664. Employed Civilians by Selected Characteristics: 1970 to 1984

[**In thousands of persons 16 years old and over;** civilian noninstitutional population. Annual averages of monthly figures]

Age, sex, and marital status	1970	1975	1979	1980	1981	1982	1983	1984
Total employed	**78,678**	**85,846**	**98,824**	**99,303**	**100,397**	**99,526**	**100,834**	**105,005**
16–19 years	6,144	7,104	8,083	7,710	7,225	6,549	6,342	6,444
20–24 years	8,731	11,885	14,327	14,087	14,122	13,690	13,722	14,207
25–34 years	18,318	21,087	26,492	27,204	28,180	28,149	28,756	30,348
35–44 years	15,922	15,953	18,981	19,523	20,145	20,879	21,960	23,598
45–54 years	16,473	16,190	16,357	16,234	16,255	15,923	15,612	16,178
55–64 years	10,974	10,827	11,585	11,586	11,525	11,414	11,315	11,395
65 years and over	3,118	2,801	2,999	2,960	2,945	2,923	2,927	2,835
Male	**48,990**	**51,857**	**57,607**	**57,186**	**57,397**	**56,271**	**56,787**	**59,091**
16–19 years	3,409	3,839	4,300	4,085	3,815	3,379	3,300	3,322
20–24 years	5,237	6,484	7,791	7,532	7,504	7,197	7,232	7,571
25–34 years	10,936	13,205	15,686	15,832	16,266	16,002	16,216	17,166
35–44 years	10,216	9,891	11,202	11,355	11,613	11,902	12,450	13,309
45–54 years	10,170	9,902	9,735	9,548	9,478	9,234	9,133	9,326
55–64 years	6,928	6,722	7,015	6,999	6,909	6,781	6,686	6,694
65 years and over	2,094	1,811	1,876	1,835	1,812	1,776	1,770	1,703
Married, spouse present	37,982	38,249	39,740	39,004	38,882	38,074	37,967	39,056
Single (never-married)	8,426	10,313	13,424	13,515	13,577	13,304	13,783	14,699
Widowed, divorced, separated	2,582	3,294	4,443	4,668	4,938	4,892	5,036	5,335
Female	**29,688**	**33,989**	**41,217**	**42,117**	**43,000**	**43,256**	**44,047**	**45,915**
16–19 years	2,735	3,263	3,783	3,625	3,411	3,170	3,043	3,122
20–24 years	4,494	5,401	6,536	6,555	6,618	6,492	6,490	6,636
25–34 years	5,382	7,882	10,802	11,370	11,914	12,147	12,540	13,182
35–44 years	5,706	6,061	7,779	8,168	8,532	8,977	9,510	10,289
45–54 years	6,303	6,288	6,622	6,686	6,777	6,689	6,678	6,852
55–64 years	4,046	4,105	4,569	4,587	4,616	4,634	4,629	4,700
65 years and over	1,023	989	1,124	1,125	1,133	1,147	1,157	1,133
Married, spouse present	17,572	19,788	23,126	23,532	23,915	24,053	24,603	25,636
Single (never-married)	6,613	7,943	10,386	10,567	10,685	10,765	10,996	11,444
Widowed, divorced, separated	5,505	6,258	7,706	8,018	8,400	8,438	8,447	8,835

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly; and unpublished data.

No. 665. Full- and Part-Time Status of the Civilian Labor Force: 1970 to 1984

[**In thousands, except percent. Persons 16 years old and over, except as indicated.** Annual averages of monthly figures. The part-time (working less than 35 hours per week) labor force consists of persons working part-time voluntarily and unemployed persons seeking part-time work]

ITEM	FULL-TIME					PART-TIME				
	1970	1975	1980	1983	1984	1970	1975	1980	1983	1984
Civilian labor force	**71,069**	**80,117**	**91,295**	**95,736**	**97,632**	**11,703**	**13,659**	**15,644**	**15,814**	**15,912**
Percent of total	85.9	85.4	85.4	85.8	86.0	14.1	14.6	14.6	14.2	14.0
Employed	67,863	73,595	85,027	86,661	90,574	10,814	12,251	14,275	14,172	14,431
Unemployed	3,206	6,523	6,269	9,075	7,057	889	1,408	1,369	1,642	1,481
Percent [1]	4.5	8.1	6.9	9.5	7.2	7.6	10.3	8.8	10.4	9.3
Males, 20 yr. and over	44,962	48,895	53,571	55,636	56,605	2,259	2,601	2,883	3,108	3,096
Employed	43,460	45,640	50,405	50,853	52,920	2,122	2,378	2,697	2,834	2,849
Unemployed	1,502	3,255	3,167	4,982	3,685	137	223	186	274	247
Percent [1]	3.3	6.7	5.9	9.0	6.5	6.1	8.6	6.5	8.8	8.0
Females, 20 yr. and over	22,226	26,359	32,722	35,854	37,001	6,074	7,052	8,383	8,782	8,898
Employed	21,149	24,148	30,588	32,812	34,445	5,803	6,578	7,904	8,192	8,347
Unemployed	1,077	2,210	2,135	3,042	2,556	271	474	480	589	551
Percent [1]	4.8	8.4	6.5	8.5	6.9	4.5	6.7	5.7	6.7	6.2
Persons, 16–19 yr	3,881	4,864	5,001	4,247	4,026	3,370	4,005	4,377	3,924	3,918
Employed	3,254	3,807	4,035	3,196	3,210	2,889	3,295	3,676	3,146	3,235
Unemployed	626	1,057	966	1,051	816	480	709	701	778	683
Percent [1]	16.1	21.7	19.3	24.7	20.3	14.3	17.7	16.0	19.8	17.4

[1] Unemployed as percent of civilian labor force in specified group.

No. 666. Persons With a Job But Not at Work: 1970 to 1984

[**In thousands, except percent. Persons 16 years old and over, except 1965, 14 years old and over.** Annual averages of monthly figures. See *Historical Statistics, Colonial Times to 1970*, series D 116–126, for related but not comparable data]

REASON FOR NOT WORKING	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
All industries, number	**4,645**	**5,221**	**5,520**	**5,573**	**5,747**	**5,882**	**5,790**	**5,712**	**5,563**	**5,575**
Percent of employed	**5.9**	**6.1**	**6.0**	**5.8**	**5.8**	**5.9**	**5.8**	**5.7**	**5.5**	**5.3**
Nonagricultural industries	4,511	5,056	5,371	5,415	5,601	5,729	5,653	5,573	5,413	5,439
Reason for not working:										
Vacation	2,341	2,815	2,950	2,985	3,191	3,320	3,247	3,153	3,096	3,147
Illness	1,324	1,343	1,426	1,436	1,420	1,425	1,413	1,331	1,291	1,322
Bad weather	128	139	237	238	198	155	112	202	124	118
Industrial dispute	156	95	119	100	123	105	64	36	91	40
All other	696	829	786	815	816	876	953	988	962	947

No. 667. Employed Civilians and Hours Worked by Class of Worker: 1970 to 1984

[**For civilians 16 years old and over.** Annual averages of monthly figures]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984
NON-AGRICULTURE EMPLOYED										
Total	**1,000**	**75,215**	**82,438**	**92,661**	**95,477**	**95,938**	**97,030**	**96,125**	**97,450**	**101,685**
Wage and salary workers	1,000	69,491	76,249	85,753	88,222	88,525	89,543	88,462	89,500	93,565
Self-employed	1,000	5,221	5,705	6,429	6,791	7,000	7,097	7,262	7,575	7,785
Unpaid family workers	1,000	502	483	479	463	413	390	401	376	335
Weekly hours per worker:										
Wage and salary workers	Hours	38.3	38.1	38.4	38.4	38.1	37.7	37.6	37.9	38.4
Self-employed	Hours	45.0	42.3	42.4	41.9	41.2	40.5	39.8	40.0	40.6
Unpaid family workers	Hours	37.9	38.3	36.8	36.0	34.7	35.8	34.7	34.8	35.1
AGRICULTURE EMPLOYED										
Total	**1,000**	**3,463**	**3,408**	**3,387**	**3,347**	**3,364**	**3,368**	**3,401**	**3,383**	**3,321**
Wage and salary workers	1,000	1,154	1,301	1,452	1,451	1,425	1,464	1,505	1,579	1,555
Self-employed	1,000	1,810	1,722	1,618	1,593	1,642	1,638	1,636	1,565	1,553
Unpaid family workers	1,000	499	386	316	304	297	266	261	240	213
Weekly hours per worker:										
Wage and salary workers	Hours	40.0	40.8	40.9	42.1	41.6	40.8	40.3	40.3	41.1
Self-employed	Hours	51.0	49.7	50.3	51.4	49.3	49.3	48.3	47.4	48.1
Unpaid family workers	Hours	40.0	39.6	40.3	39.7	38.6	39.4	38.9	38.6	38.9

Source of tables 665-667: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

No. 668. Persons Not in the Labor Force—Job Desire and Reasons for Not Seeking Work, 1970 to 1984, and by Race and Sex, 1984

[In thousands, except percent. Persons 16 years old and over. Annual averages of quarterly data]

Job desire and reason	1970	1975	1980	1982	1983	1984				
						Total	Percent distribution			
							Male	Female	White	Black
Not in labor force [1]	54,315	59,377	60,806	62,067	62,665	62,839	(X)	(X)	(X)	(X)
Do not want job now	50,429	54,102	55,131	55,507	56,161	56,768	100.0	100.0	100.0	100.0
Percent keeping house	63.8	58.5	53.1	51.2	50.5	49.4	2.0	71.0	50.9	38.3
Want a job now, but not looking, total [2]	3,881	5,271	5,675	6,559	6,503	6,070	100.0	100.0	100.0	100.0
Percent: In school	27.7	27.7	26.6	26.4	24.7	25.4	38.8	18.8	25.0	25.6
Ill or disabled	12.6	12.9	13.3	11.7	11.8	13.2	18.6	10.5	13.2	13.7
Keeping house	23.4	21.3	22.3	21.2	21.7	22.7	–	34.0	23.4	21.0
Think cannot get a job	16.5	20.7	17.5	23.9	25.2	21.1	24.3	19.6	18.9	27.4

– Represents zero or rounds to zero. X Not applicable. [1] Detail may not add to total because of difference in weighting patterns. [2] Includes reasons not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 669. Labor Force Status, by Work Disability, Sex, and Age: 1982

[In thousands, except percent. As of March. For civilian noninstitutional population, 16–64 years old]

Sex and age	With a work disability					Without a work disability				
	Total	Percent of population—			Unemployment rate [1]	Total	Percent of population—			Unemployment rate [1]
		In labor force	Employed		Not in labor force		In labor force	Employed		Not in labor force	
			Total	Full time				Total	Full time		
Total	**13,070**	**32.8**	**27.1**	**19.8**	**67.2**	**17.3**	**133,365**	**76.1**	**68.8**	**55.2**	**23.9**	**9.6**
Male, total	6,670	41.5	34.5	27.4	58.5	16.9	64,250	88.8	79.7	70.4	11.2	10.2
16–24 years old	611	41.8	28.9	16.2	58.2	30.9	17,470	71.1	56.9	37.4	28.9	19.8
25–34 years old	1,025	59.7	45.8	37.6	40.3	23.3	17,665	96.4	86.6	80.1	3.6	10.1
35–44 years old	986	56.3	44.8	36.7	43.7	20.4	12,223	98.3	92.1	87.8	1.7	6.4
45–54 years old	1,376	44.2	38.5	32.5	55.8	12.9	9,367	97.4	92.2	87.4	2.6	5.3
55–64 years old	2,674	27.8	25.7	20.1	72.2	7.3	7,524	85.8	80.9	74.6	14.2	5.7
Female, total	6,400	23.7	19.4	11.9	76.3	18.3	69,115	64.3	58.6	41.0	35.7	8.8
16–24 years old	587	41.1	30.6	17.1	58.9	25.5	18,087	59.8	50.9	28.7	40.2	14.8
25–34 years old	912	40.5	31.0	20.9	59.5	23.5	18,701	69.4	63.6	48.1	30.6	8.4
35–44 years old	950	30.7	25.1	17.4	69.3	18.2	13,046	70.5	66.0	47.6	29.5	6.4
45–54 years old	1,355	21.6	19.3	11.9	78.4	11.0	10,206	67.0	63.0	46.9	33.0	5.9
55–64 years old	2,597	12.4	10.7	5.6	87.6	13.5	9,075	50.5	48.3	34.9	49.5	4.5

[1] Percent unemployed of the civilian labor force.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 127.

No. 670. Persons of Spanish Origin—Civilian Labor Force Participation: 1983 and 1984

[Persons 16 *years old and over* as of March. Based on Current Population Survey; see text, p. 388, and Appendix III]

Item	1983					1984				
	Total	Mexican	Puerto Rican	Cuban	Other Spanish origin [1]	Total	Mexican	Puerto Rican	Cuban	Other Spanish origin [1]
Total (1,000)	**9,426**	**5,651**	**1,267**	**745**	**1,763**	**9,870**	**5,911**	**1,361**	**752**	**1,845**
Percent in labor force: Male	79.2	81.3	67.0	81.3	79.1	79.0	80.4	70.9	77.7	80.6
Female	47.7	48.4	35.0	53.5	52.3	49.6	50.1	36.8	55.1	55.6
Employed (1,000)	4,933	3,014	510	427	983	5,526	3,354	606	457	1,108
Percent—	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional	12.2	10.2	11.3	16.3	16.8	12.2	9.4	13.1	20.0	16.7
Tech., sales, and admin. suppport	25.5	23.2	27.5	31.6	28.8	25.4	23.8	28.3	30.3	26.7
Service	18.2	16.9	22.3	15.5	21.4	18.2	17.9	20.9	12.3	20.2
Farming, forestry, and fishing occupations	4.7	6.9	.6	1.3	1.6	5.0	7.4	2.0	1.1	1.0
Precision, production, craft and repair	13.3	14.8	13.8	10.9	9.5	13.5	14.4	9.9	12.4	13.0
Operators, fabricators and laborers	26.1	27.9	24.5	24.5	21.8	25.7	27.0	26.3	23.9	22.4
Percent unemployed: Male	16.3	17.1	19.0	13.9	12.6	11.6	12.6	11.8	8.6	8.9
Female	16.3	17.8	16.5	12.3	13.9	11.6	11.9	15.6	4.8	11.5

[1] Includes Central or South American and other Spanish origin.

Source: U.S. Bureau of the Census, series P-20, No. 361; and unpublished data.

No. 671. Civilian Labor Force—Years of School Completed, by Sex and Race: 1984

[Persons 16 years old and over; noninstitutional population. As of **March.** Based on Current Population Survey; see text pp. 1 and 2 and Appendix III]

Employment status, sex and race	Population, 16 yr. old and over (1,000)	Percent distribution of school years completed							
		Elementary school			High school		College		
		0–4 years	5–7 years	8 years	1–3 years	4 years	1–3 years	4 years	5 years or more
Total [1]	**175,824**	**2.3**	**4.2**	**5.8**	**16.5**	**37.9**	**16.9**	**9.6**	**6.7**
Civilian labor force	111,943	1.0	2.3	3.2	13.0	40.7	19.0	12.0	8.9
Employed	102,731	.9	2.2	3.1	11.7	40.7	19.5	12.6	9.5
Unemployed	9,212	1.5	3.8	4.9	26.8	42.3	13.6	4.8	2.2
Not in labor force	63,881	4.7	7.6	10.4	22.7	33.0	13.2	5.4	2.9
Male, total	83,338	2.5	4.3	5.9	16.6	34.6	17.0	10.4	8.7
Civilian labor force	62,793	1.2	2.8	3.8	13.6	37.8	18.1	12.4	10.3
Employed	57,317	1.1	2.7	3.6	12.3	37.4	18.7	13.1	11.1
Unemployed	5,416	1.8	4.5	5.3	27.8	41.1	12.0	4.8	2.7
Not in labor force	20,605	6.4	9.0	12.2	25.6	25.1	13.4	4.5	3.8
Female, total	92,485	2.2	4.1	5.8	16.5	40.9	16.8	8.8	4.9
Civilian labor force	49,210	.7	1.7	2.5	12.1	44.4	20.1	11.4	7.1
Employed	45,414	.6	1.6	2.4	11.0	44.5	20.5	11.9	7.5
Unemployed	3,796	1.1	2.9	4.2	25.4	44.0	15.8	4.9	1.7
Not in labor force	43,276	3.9	6.9	9.6	21.4	36.8	13.2	5.8	2.4
White, total	152,244	1.9	3.9	5.9	15.6	38.6	17.2	10.0	7.0
Civilian labor force	97,617	.8	2.1	3.1	12.4	40.9	19.1	12.3	9.3
Employed	90,626	.8	2.0	3.0	11.3	40.8	19.5	12.9	9.8
Unemployed	6,991	1.5	3.9	5.1	26.3	42.0	13.5	5.2	2.5
Not in labor force	54,627	3.7	7.1	10.8	21.4	34.4	13.7	5.8	3.1
Black, total	19,248	5.4	6.8	5.8	24.1	34.8	14.8	5.1	3.2
Civilian labor force	11,696	1.7	4.0	4.2	18.4	41.5	18.5	7.1	4.5
Employed	9,681	1.8	4.0	4.3	16.2	41.0	19.7	7.9	5.2
Unemployed	2,015	1.6	4.0	3.9	29.2	44.2	12.9	3.3	.9
Not in labor force	7,552	11.1	11.3	8.2	32.9	24.3	9.1	1.9	1.1

[1] Includes other races, not shown separately.

Source: U.S. Bureau of Labor Statistics, unpublished data.

No. 672. School Enrollment and Labor Force Status of Civilians 16 to 24 Years Old, by Selected Characteristics: 1980 and 1984

[In thousands, except percent. As of **October;** civilian noninstitutional population. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III]

Characteristic	Population		Civilian labor force			Employed		Unemployed		
	1980	1984	1980, total	1984		1980	1984	1980, total	1984	
				Total	Percent [1]				Total	Rate [2]
Total, 16 to 24 years [3]	**37,103**	**35,204**	**24,918**	**23,452**	**66.6**	**21,459**	**20,374**	**3,464**	**3,078**	**13.1**
Enrolled in school [3]	15,713	15,175	7,454	7,017	46.2	6,438	6,107	1,021	910	13.0
16 to 19 years	11,126	10,288	4,836	4,193	40.8	4,029	3,521	807	671	16.0
20 to 24 years	4,587	4,886	2,618	2,824	57.8	2,405	2,586	214	238	8.4
Male	7,997	7,920	3,825	3,619	45.7	3,259	3,135	566	483	13.4
Female	7,716	7,255	3,629	3,398	46.8	3,179	2,972	455	426	12.5
College level	7,664	7,839	3,996	4,220	53.8	3,832	3,836	364	384	9.1
Full-time	6,396	6,582	2,854	3,089	46.9	2,554	2,769	300	320	10.4
White	13,242	12,610	6,690	6,171	48.9	5,892	5,493	798	678	11.0
Below college	6,566	5,878	3,096	2,455	41.8	2,579	2,066	517	390	15.9
College level	6,678	6,731	3,592	3,714	55.2	3,310	3,428	282	288	7.8
Black	2,028	2,032	595	648	31.9	406	434	189	214	33.0
Below college	1,282	1,208	294	286	23.6	174	160	120	125	43.7
College level	747	825	300	363	44.0	230	273	70	87	24.0
Not enrolled [3]	21,390	20,029	17,464	16,435	82.1	15,021	14,267	2,443	2,168	13.2
White	18,103	16,646	15,121	13,915	83.6	13,318	12,423	1,803	1,492	10.7
Black	2,864	2,892	2,055	2,157	74.6	1,451	1,535	604	621	28.8

[1] *Percent of civilian noninstitutional population.* [2] *Percent of civilian labor force in each category.* [3] *Includes other races, not shown separately.*

Source: U.S. Bureau of Labor Statistics, Bulletin 2192 and unpublished data.

No. 673. Labor Force Participation Rates, by Marital Status, Sex, and Age: 1960 to 1985

[As of **March**. See table 662 for definition of participation rate. Includes male members of the Armed Forces living offpost or with their families onpost]

Year and marital status	Male participation rate						Female participation rate					
	16–19 years	20–24 years	25–34 years	35–44 years	45–64 years	65 and over	16–19 years	20–24 years	25–34 years	35–44 years	45–64 years	65 and over
1960: Married [1]	[2] 96.0	97.5	98.6	98.4	93.0	37.1	[2] 25.3	30.0	27.7	36.2	34.2	5.9
Single	[2] 34.4	76.6	85.3	85.3	74.4	24.3	[2] 25.3	73.4	79.9	79.7	75.1	21.6
Other [3]	(B)	88.6	82.3	84.1	78.1	18.2	[2] 37.3	54.6	55.5	67.4	58.3	11.0
1965: Married [1]	[2] 94.3	96.6	98.5	98.2	92.8	31.1	[2] 27.0	*35.6*	*32.1*	40.6	39.0	7.6
Single	[2] 32.0	72.3	85.3	84.6	72.0	18.1	[2] 23.6	72.3	83.4	77.0	71.8	21.3
Other [3]	(B)	65.0	79.0	82.1	77.2	18.8	[2] 35.2	58.6	62.8	65.0	59.8	10.0
1970: Married [1]	95.5	95.0	98.2	98.1	91.6	30.2	36.0	47.4	39.3	47.2	44.1	7.9
Single	49.0	69.0	86.2	82.3	66.6	21.0	39.5	71.1	80.7	73.3	67.8	*17.6*
Other [3]	(B)	73.2	74.5	80.6	75.9	16.5	46.5	59.7	65.1	67.9	60.7	9.9
1975: Married [1]	92.3	95.1	97.3	97.0	87.0	23.7	46.0	57.3	48.3	51.9	43.9	7.2
Single	53.2	76.5	87.4	86.5	68.7	20.5	45.5	69.5	80.4	77.8	68.4	16.2
Other [3]	(B)	84.7	92.4	89.3	69.4	18.0	41.9	68.1	67.5	69.4	*60.4*	*8.1*
1980: Married [1]	97.3	96.8	97.5	*97.0*	*84.8*	20.4	47.7	60.5	59.3	62.5	46.9	7.2
Single	56.8	79.6	87.3	79.9	65.2	20.0	49.0	72.2	84.2	78.5	62.8	12.0
Other [3]	(B)	92.9	93.8	91.1	69.9	13.0	51.0	68.5	77.1	76.4	59.5	8.6
1982: Married [1]	95.0	96.8	97.5	96.9	83.1	18.9	49.6	62.1	61.8	64.1	36.6	7.1
Single	51.7	79.4	88.9	85.8	62.3	17.8	46.4	73.5	83.1	81.0	*64.9*	12.3
Other [3]	68.7	92.9	91.7	92.4	73.5	13.9	45.6	67.1	77.1	77.2	61.9	7.8
1983: Married [1]	92.7	95.7	97.3	97.2	82.1	19.1	46.6	63.0	62.5	65.4	47.6	7.5
Single	49.9	77.6	88.4	81.8	69.6	23.9	46.0	72.6	83.6	81.1	65.1	12.6
Other [3]	(B)	89.7	91.9	90.7	73.9	13.1	46.3	68.4	77.1	77.7	59.5	7.5
1984: Married [1]	96.5	96.2	97.2	97.2	81.8	17.4	*43.4*	*63.3*	*64.0*	66.4	49.0	7.3
Single	*50.8*	*78.5*	*87.4*	*83.2*	*65.6*	*16.7*	46.4	72.1	83.5	83.0	67.0	11.8
Other [3]	(B)	91.6	90.7	92.8	71.8	12.6	53.6	71.3	76.5	79.6	61.0	7.7
1985: Married [1]	90.9	95.7	97.4	96.7	81.6	17.5	49.2	64.9	65.6	68.1	50.6	6.7
Single	*52.4*	*77.9*	*87.5*	*80.8*	*67.3*	*16.0*	49.6	74.0	82.5	80.6	73.2	8.0
Other [3]	(B)	96.9	92.9	92.1	72.8	12.7	50.9	66.5	78.9	80.8	60.7	7.9

B Percentages not shown where base is less than 65,000. [1] Spouse present. [2] 14 to 19 years old. [3] Widowed, divorced, and married (spouse absent).

Source: U.S. Bureau of Labor Statistics, Bulletin 2096, and unpublished data.

No. 674. Marital Status of Women in the Civilian Labor Force: 1940 to 1985

[**Persons 14 years old and over through 1965; 16 years old and over thereafter.** As of **March**, except as *indicated*. *Prior to* 1960, excludes Alaska and Hawaii. Figures *for 1940 based on complete census revised* for comparability with intercensal series. *Later data based on Current Population Survey*; see text, p. 2 and Appendix III. See also *Historical Statistics, Colonial Times to 1970, series D 49–62*]

Year	Female labor force (1,000)					Percent distribution, female labor force			Female labor force as percent of female population				
	Total	Single	Married		Widowed or divorced	Single	Married [1]	Widowed or divorced	Total	Single	Married		Widowed or divorced
			Total [1]	Husband present							Total [1]	Husband present	
1940	13,840	6,710	5,040	[2] 4,200	2,090	48.5	36.4	15.1	27.4	48.1	16.7	14.7	32.0
1944 [2]	18,449	7,542	8,433	6,226	2,474	40.9	45.7	13.4	35.0	58.6	25.6	21.7	35.7
1947 [2]	*16,323*	*6,181*	*7,545*	6,676	2,597	37.9	46.2	15.9	29.8	51.2	21.4	20.0	34.6
1950	17,795	5,621	9,273	8,550	2,901	31.6	52.1	16.3	31.4	50.5	24.8	23.8	36.0
1955 [2]	20,154	5,087	11,839	10,423	3,227	25.2	58.7	16.0	33.5	46.4	29.4	27.7	36.0
1960	22,516	5,401	13,495	*12,253*	3,629	24.0	59.9	16.1	34.8	44.1	31.7	30.5	37.1
1965	25,952	5,912	16,154	14,706	3,886	22.8	62.2	15.0	36.7	40.6	35.7	34.7	35.7
1968	28,778	6,357	18,234	16,821	4,187	22.1	63.4	14.6	40.7	51.3	39.1	38.3	35.8
1969	*29,898*	6,501	19,100	17,595	4,297	21.7	63.9	14.4	41.6	51.2	40.4	39.6	35.8
1970	31,233	6,965	19,799	18,377	4,469	22.3	63.4	14.3	42.6	53.0	41.4	40.8	36.2
1971	31,778	7,220	20,034	18,573	4,524	22.7	63.0	14.2	42.5	52.8	41.4	40.8	35.7
1972	33,132	7,543	20,845	19,336	4,744	22.8	62.9	14.3	43.7	55.0	42.2	41.5	37.2
1973	34,195	7,898	21,487	19,951	4,870	22.9	62.8	14.2	44.2	55.9	42.8	42.2	36.7
1974	35,708	8,362	22,202	20,541	5,144	23.4	62.2	14.4	45.3	57.4	43.8	43.1	37.8
1975	36,981	8,599	23,037	21,360	5,345	23.2	62.3	14.5	46.0	57.0	45.1	44.4	37.7
1976	38,399	9,282	23,643	21,814	5,474	24.2	61.6	14.3	46.8	59.2	45.8	45.1	37.3
1977	40,053	9,702	24,429	22,681	5,922	24.2	61.0	14.8	48.0	59.2	47.2	46.6	39.0
1978	41,747	10,487	24,976	23,136	6,284	25.1	59.8	15.1	49.2	60.7	48.1	47.5	39.9
1979	43,844	11,304	26,073	24,223	6,467	25.8	59.5	14.8	50.6	62.9	49.9	49.3	40.0
1980	44,934	*11,242*	*26,828*	24,900	6,864	25.0	59.7	15.3	51.1	61.5	50.7	50.1	41.0
1981	46,415	11,628	27,536	25,460	7,251	25.0	59.3	15.6	52.0	62.3	51.7	51.0	41.9
1982	47,095	11,801	27,843	25,756	7,451	25.1	59.1	15.8	52.1	62.2	51.8	51.2	42.1
1983	47,779	12,282	28,140	26,227	7,357	25.7	58.9	15.4	52.3	62.6	52.3	51.8	41.2
1984	49,240	12,581	28,883	26,855	7,775	25.6	58.7	15.8	*53.2*	*63.1*	53.3	52.8	42.1
1985	50,891	12,925	29,755	27,716	8,211	25.4	58.5	16.1	54.5	65.2	54.7	54.2	42.8

[1] Includes married, spouse absent. [2] As of April.

Source: 1940–1955, U.S. Bureau of the Census, *Current Population Reports, series P–50. Beginning 1960*, U.S. Bureau of Labor Statistics, Bulletin 2096, and unpublished *data*.

NO. 675. MARRIED, SEPARATED, AND DIVORCED WOMEN—LABOR FORCE STATUS, BY PRESENCE AND AGE OF CHILDREN: 1960 TO 1985

[As of **March**. Based on Current Population Survey; see Appendix III]

ITEM	TOTAL			NO CHILDREN UNDER 18			CHILDREN 6-17 ONLY			CHILDREN UNDER 6		
	Married[1]	Separated	Divorced	Married[1]	Separated	Divorced	Married[1]	Separated	Divorced	Married[1]	Separated	Divorced
IN LABOR FORCE (mil.)												
1960	12.3	(NA)	(NA)	5.7	(NA)	(NA)	4.1	(NA)	(NA)	2.5	(NA)	(NA)
1970	18.4	1.4	1.9	8.2	.7	1.1	6.3	.4	.6	3.9	.3	.3
1980	24.9	1.9	4.4	11.2	.9	2.3	8.4	.6	1.6	5.2	.4	.5
1982	25.8	2.1	5.2	11.8	1.0	2.7	8.3	.7	1.8	5.7	.5	.6
1983	26.2	1.9	5.2	12.1	.8	2.8	8.3	.6	1.8	5.9	.5	.6
1984	26.9	2.0	5.5	12.3	.9	3.0	8.3	.7	1.9	6.2	.4	.6
1985	27.7	2.0	5.9	12.8	1.0	3.3	8.5	.7	2.0	6.4	.4	.6
PARTICIPATION RATE[2]												
1960	30.5	(NA)	(NA)	34.7	(NA)	(NA)	39.0	(NA)	(NA)	18.6	(NA)	(NA)
1970	40.8	52.1	71.5	42.2	52.3	67.7	49.2	60.6	82.4	30.3	45.4	63.3
1980	50.1	59.4	74.5	46.0	58.9	71.4	61.7	66.3	82.3	45.1	52.2	68.3
1982	51.2	60.0	74.9	46.2	57.5	71.6	63.2	68.4	83.6	48.7	55.2	67.2
1983	51.8	58.7	74.6	46.6	55.6	71.7	63.8	68.7	82.2	49.9	53.8	68.7
1984	52.8	60.9	74.3	47.2	59.1	70.5	65.4	70.1	84.1	51.8	53.9	67.7
1985	54.2	61.3	75.0	48.2	60.0	72.1	67.8	70.9	83.4	53.4	53.2	67.5
UNEMPLOYMENT RATE[3]												
1960	5.4	(NA)	(NA)	4.8	(NA)	(NA)	4.9	(NA)	(NA)	7.8	(NA)	(NA)
1970	4.8	6.8	5.4	3.3	4.2	4.7	4.8	5.9	6.5	7.9	13.3	5.2
1980	5.3	9.9	6.4	4.5	8.3	4.5	4.4	10.6	6.7	8.3	12.3	13.6
1982	7.1	14.5	8.9	5.7	11.7	7.6	7.0	14.6	9.2	10.1	20.1	13.5
1983	7.2	19.1	10.2	5.7	13.8	7.1	6.7	20.0	12.8	10.9	27.6	16.8
1984	5.7	13.9	8.6	4.6	9.0	6.6	5.0	13.1	9.7	8.9	25.0	14.3
1985	5.7	13.7	7.7	4.7	9.0	6.2	5.5	14.6	9.0	8.0	22.9	12.1

NA Not available. [1] Husband present. [2] Percent of women in each specific category in the labor force.
[3] Unemployed as a percent of civilian labor force in specified group.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports*, Nos. 13, 130, and 134, Bulletin 2163, and unpublished data.

NO. 676. EMPLOYMENT STATUS OF MEMBERS IN MARRIED-COUPLE FAMILIES: 1960 TO 1985

[As of **March**. Includes members of the Armed Forces living off post or with their families on post]

ITEM	1960	1965	1970	1975	1980	1982	1983	1984	1985
Husband employed, total (1,000)	**33,579**	**35,512**	**37,667**	**37,235**	**38,367**	**37,221**	**36,609**	**37,684**	**38,001**
Percent with—									
Wife or other member in labor force [1]	42.7	47.2	53.1	57.9	65.1	66.5	66.8	68.5	70.0
Wife only	25.5	29.4	34.3	38.9	44.8	46.6	46.7	48.7	49.2
Wife and other member	6.1	7.3	9.3	9.9	12.2	12.3	12.9	12.7	12.7
Wife or other member employed [2]	40.0	44.5	50.7	53.4	62.0	62.0	55.9	58.3	59.7
Only wife employed	29.6	32.8	38.3	35.5	43.3	44.4	43.7	46.1	47.4
Husband unemployed, total (1,000)	**1,462**	**1,033**	**972**	**2,293**	**1,540**	**2,422**	**3,106**	**2,039**	**1,785**
Percent with—									
Wife or other member in labor force [1]	49.7	54.6	56.1	61.1	62.6	69.2	68.4	66.9	67.8
Wife only	32.1	36.6	41.8	44.6	45.2	51.7	50.5	49.7	51.9
Wife and other member	8.0	7.8	7.6	8.5	11.1	10.6	11.6	10.9	10.8
Wife or other member employed [2]	41.7	47.5	50.8	47.3	53.2	54.3	50.5	50.9	52.6
Only wife employed	24.9	28.7	33.4	36.4	39.5	43.5	40.9	41.6	43.1

[1] Includes other categories not shown separately. [2] Includes wife or other member who is unemployed.

Source: U.S. Bureau of Labor Statistics, Bulletin 2096 and unpublished data.

NO. 677. OCCUPATIONS OF THE WORK-EXPERIENCED CIVILIAN LABOR FORCE, BY SEX: 1970 AND 1980

[**In thousands, except percent.** As of **April 1**. Based on sample data from the census of population; subsample of 1970 data reclassified into the 1980 occupation classification system. The experienced civilian labor force includes the employed and the unemployed who have worked any time in the past. See text, p. 388 and source, for details]

OCCUPATION	TOTAL		MALE		FEMALE		FEMALE AS A PERCENT OF TOTAL	
	1970	1980	1970	1980	1970	1980	1970	1980
Experienced civilian labor force, total	**79,802**	**104,058**	**49,455**	**59,754**	**30,347**	**44,304**	**38.0**	**42.6**
Managerial and professional	**14,770**	**22,653**	**9,765**	**13,457**	**5,004**	**9,196**	**33.9**	**40.6**
Executive, administrative, managerial [1]	5,970	10,379	4,868	7,210	1,102	3,169	18.5	30.5
Administrators and officials [2]	495	710	380	460	115	250	23.3	35.2
Managers: Financial	220	410	178	281	43	129	19.4	31.4
Personnel and labor relations	65	220	51	141	14	79	21.2	36.0
Marketing, advertising, and public relations	433	689	399	567	34	122	7.9	17.6
Medicine and health	58	111	23	55	35	56	60.6	50.8
Properties and real estate	115	200	78	118	37	82	32.1	41.1
Managers and administrators, not elsewhere classified	2,762	5,233	2,340	3,825	422	1,408	15.3	26.9
Management related occupations	1,693	2,617	1,310	1,618	384	999	22.7	38.2
Accountants and auditors	646	1,013	487	627	159	386	24.6	38.1
Professional specialty [1]	8,800	12,275	4,898	8,248	3,902	6,027	44.3	49.1
Architects	54	108	52	99	2	9	4.0	8.3
Engineers	1,249	1,401	1,228	1,336	21	65	1.7	4.6
Mathematical and computer scientists	210	330	175	244	35	86	16.7	26.1
Computer systems analysts and scientists	108	203	93	158	15	46	13.6	22.5
Natural scientists	228	314	197	252	31	63	13.6	19.9
Health diagnosing [1]	452	647	416	571	36	76	8.0	11.8
Physicians	297	433	268	375	29	58	9.7	13.4
Teachers, postsecondary	511	637	362	404	148	233	29.1	36.6
Teachers, exc. postsecondary	2,956	3,722	872	1,087	2,084	2,635	70.5	70.8
Elementary school	1,510	2,319	243	570	1,267	1,750	83.9	75.4
Social scientists and urban planners	109	218	85	136	25	82	22.5	37.5
Lawyers	273	502	260	433	13	69	4.9	13.8
Technical, sales, and administrative support	**23,048**	**30,884**	**9,450**	**11,002**	**13,598**	**19,882**	**59.0**	**64.4**
Technicians and related support [1]	1,821	3,063	1,194	1,722	627	1,341	34.4	43.8
Health technologists and technicians	543	989	96	162	447	827	82.4	83.6
Engineering and related technologists and technicians	760	947	692	789	68	158	8.9	16.7
Science technicians	136	193	105	132	30	60	22.4	31.4
Computer programmers	163	318	124	219	39	99	24.2	31.2
Sales [1]	8,021	10,257	4,711	5,262	3,310	4,995	41.3	48.7
Supervisors and proprietors [3]	1,259	1,583	1,045	1,137	215	445	17.0	28.2
Sales representatives [4]	1,112	1,846	918	1,193	193	654	17.4	35.4
Sales workers, retail and personal services	4,534	5,499	1,719	1,807	2,814	3,693	62.1	67.1
Administrative support [1]	13,207	17,564	3,545	4,018	9,661	13,545	73.2	77.1
Supervisors	409	1,078	181	570	228	509	55.8	47.2
Computer equipment operators	169	421	99	172	70	249	41.5	59.2
Adjusters and investigators [1]	354	531	215	200	139	332	39.3	62.4
Insurance adjusters, examinators, investigators	102	167	71	67	30	101	29.6	60.2
Investigators, adjustors, exc. insurance	189	251	106	94	82	157	43.6	62.6
Service occupations	**10,186**	**13,606**	**4,102**	**5,585**	**6,084**	**8,021**	**59.7**	**58.9**
Private household	1,211	627	45	29	1,166	597	96.3	95.3
Protective service	1,058	1,542	988	1,360	70	182	6.6	11.8
Service exc. protective and household	7,917	11,437	3,069	4,196	4,848	7,241	61.2	63.3
Food preparation [1]	3,314	4,830	1,042	1,645	2,272	3,185	68.5	65.9
Bartenders	216	318	170	177	46	141	21.2	44.3
Cooks, exc. short order	689	1,351	226	578	463	772	67.2	57.2
Health services	1,185	1,828	147	217	1,038	1,611	87.6	88.1
Cleaning and building, except private household	2,197	2,980	1,493	1,931	704	1,049	32.0	35.2
Personal service	1,221	1,799	386	403	835	1,395	68.4	77.6
Farming, forestry, and fishing [1]	**3,034**	**3,032**	**2,757**	**2,581**	**277**	**451**	**9.1**	**14.9**
Farm operators and managers	1,433	1,315	1,361	1,185	72	130	5.0	9.9
Farm occupations exc. managerial	1,002	976	841	758	161	218	16.1	22.3
Precision production, craft, and repair	**11,269**	**13,555**	**10,445**	**12,499**	**824**	**1,056**	**7.3**	**7.8**
Mechanics and repairers	3,275	3,983	3,195	3,848	80	135	2.5	3.4
Construction, trades	3,615	4,814	3,554	4,712	61	102	1.7	2.1
Extractive	177	314	173	306	4	7	2.4	2.3
Precision production	4,201	4,444	3,523	3,632	679	812	16.2	18.3
Woodworking	110	118	102	102	8	17	7.5	14.2
Operators, fabricators, and laborers	**17,385**	**19,988**	**12,887**	**14,501**	**4,498**	**5,486**	**25.9**	**27.4**
Machine operators, assemblers, and inspectors	8,938	10,082	5,391	5,980	3,547	4,102	39.7	40.7
Machine operators and tenders, except precision [1]	6,495	6,544	3,879	3,882	2,616	2,682	40.3	41.0
Printing machine operators	393	442	340	323	53	119	13.5	27.0
Textile, apparel, and furnishings	1,986	1,632	418	303	1,568	1,329	79.0	81.4
Transportation and material moving [1]	3,932	4,820	3,769	4,445	163	375	4.1	7.8
Motor vehicle operators [1]	2,725	3,260	2,593	2,980	133	299	4.9	9.1
Truck drivers, heavy and light trucks	1,949	2,447	1,906	2,365	43	82	2.2	3.3
Bus drivers	258	386	185	209	73	177	28.3	45.8
Taxicab drivers and chauffeurs	170	189	160	167	10	22	5.7	11.5
Handlers, equipment cleaners, helpers, and laborers	4,515	5,086	3,727	4,077	788	1,009	17.4	19.8
Experienced unemployed [5]	**110**	**340**	**49**	**128**	**62**	**212**	**55.8**	**62.4**

[1] Includes occupations not shown separately. [2] In public administration protective services and related fields. [3] Salaried and self-employed. [4] Includes finance and business. [5] Unemployed persons who have worked anytime in the past.

Source: U.S. Bureau of the Census, *1980 Census of Population*, Supplementary Reports (PC80-S1-15).

No. 678. Occupations of Employed Workers, by Educational Attainment and Sex: 1985

[As of **March**. Civilians 25 years and over]

Years of school completed	Total [1]		Managerial/ professional		Technical/ sales/ administrative		Service [2]		Precision production [3]		Operators/ fabricators [4]	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
NUMBER (1,000)												
Total	**48,347**	**37,593**	**13,911**	**10,055**	**9,554**	**16,543**	**3,917**	**6,149**	**10,115**	**915**	**8,900**	**3,535**
Less than 4 years of high school	8,429	5,114	545	239	769	1,080	1,040	2,063	2,292	236	3,034	1,395
4 years of high school only	17,536	16,494	2,266	1,954	3,221	8,948	1,625	3,079	5,231	503	4,407	1,830
1 to 3 years of college	8,907	7,506	2,197	2,026	2,604	4,303	814	752	1,923	110	1,163	241
4 years of college or more	13,476	8,480	8,903	5,835	2,961	2,212	439	257	670	65	296	69
PERCENT DISTRIBUTION												
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than 4 years of high school	17.4	13.6	3.9	2.4	8.0	6.5	26.5	33.5	22.7	25.8	34.1	39.5
4 years of high school only	36.3	43.9	16.3	19.4	33.7	54.1	41.5	50.1	51.7	55.0	49.5	51.8
1 to 3 years of college	18.4	20.0	15.8	20.2	27.3	26.0	20.8	12.2	19.0	12.0	13.1	6.8
4 years of college or more	27.9	22.6	64.0	58.0	31.0	13.4	11.2	4.2	6.6	7.1	3.3	2.0

[1] Includes other occupations not shown separately. [2] Includes private household workers. [3] Includes craft and repair. [4] Includes laborers.

Source: U.S. Bureau of Labor Statistics, unpublished data.

No. 679. Employed Civilians by Occupational Group, Sex, and Educational Attainment: 1985

[Relates to civilian noninstitutional population 16 years old and over. As of **March**. Based on Current Population Survey; see text, pp. 1 and 2]

Sex, race, and years of school completed	Total employed	Managerial/ professional	Tech./ sales/ administrative	Service [1]	Precision production [2]	Operators fabricators [3]	Farming, forestry, fishing
NUMBER (1,000)							
Male, White:							
Less than 4 years of high school	9,653	547	964	1,376	2,500	3,349	915
4 years of high school only	19,504	2,283	3,642	1,772	5,765	5,137	907
1 year of college or more	22,816	10,837	5,903	1,323	2,654	1,640	458
Male, Black:							
Less than 4 years of high school	1,499	29	101	352	216	694	107
4 years of high school only	1,906	99	267	431	331	724	54
1 year of college or more	1,523	488	377	264	153	225	15
Female, White:							
Less than 4 years of high school	5,882	272	1,756	2,121	235	1,374	124
4 years of high school only	17,866	2,039	10,019	3,317	526	1,765	203
1 year of college or more	16,822	7,703	7,196	1,305	170	320	128
Female, Black:							
Less than 4 years of high school	1,129	20	182	703	29	193	1
4 years of high school only	2,148	139	936	619	74	379	–
1 year of college or more	1,924	730	911	186	20	75	3
PERCENT DISTRIBUTION							
Male, White:							
Less than 4 years of high school	100.0	5.7	10.0	14.3	25.9	34.7	9.5
4 years of high school only	100.0	11.7	18.7	9.1	29.6	26.3	4.6
1 year of college or more	100.0	47.5	25.9	5.8	11.6	7.2	2.0
Male, Black:							
Less than 4 years of high school	100.0	1.9	6.7	23.5	14.4	46.3	7.1
4 years of high school only	100.0	5.2	14.0	22.6	17.4	38.0	2.8
1 year of college or more	100.0	32.1	24.8	17.3	10.1	14.8	1.0
Female, White:							
Less than 4 years of high school	100.0	4.6	29.9	36.1	4.0	23.4	2.1
4 years of high school only	100.0	11.4	56.1	18.6	2.9	9.9	1.1
1 year of college or more	100.0	45.8	42.8	7.8	1.0	1.9	.8
Female, Black:							
Less than 4 years of high school	100.0	1.8	16.1	62.3	2.6	17.1	.1
4 years of high school only	100.0	6.5	43.6	28.8	3.4	17.7	–
1 year of college or more	100.0	37.9	47.3	9.7	1.0	3.9	.2

– Represents zero. [1] Includes private household workers. [2] Includes craft and repair. [3] Includes laborers.

Source: U.S. Bureau of Labor Statistics, unpublished data.

NO. 680. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1984

[Civilians 16 years old and over. Persons of Hispanic origin may be of any race]

OCCUPATION	Total employed (1,000)	PERCENT OF TOTAL		
		Female	Black	Hispanic origin
Total	**105,005**	**43.7**	**9.6**	**6.2**
Managerial and professional specialty	**24,858**	**41.6**	**5.7**	**3.1**
Executive, administrative, and managerial [1]	11,571	33.6	5.0	3.5
Officials and administrators, public	430	39.8	9.7	3.8
Financial managers	354	36.8	2.8	3.3
Personnel and labor relations managers	109	46.3	4.6	3.7
Purchasing managers	86	22.6	1.8	2.8
Managers, marketing, advertising and public relations	365	22.9	2.8	2.3
Administrators, education and related fields	438	43.8	10.7	2.4
Managers, medicine and health	96	61.2	6.4	2.3
Managers, properties and real estate	329	41.3	4.0	6.0
Management-related occupations	3,228	42.8	6.3	3.6
Accountants and auditors	1,234	40.9	5.5	3.2
Professional specialty [1]	13,286	48.5	6.3	2.8
Architects	107	10.8	2.4	4.2
Engineers	1,627	6.2	2.6	2.6
Mathematical and computer scientists	501	30.7	5.4	2.7
Computer systems analysts, scientists	310	30.0	5.3	2.1
Natural scientists	360	20.1	3.2	2.6
Health diagnosing occupations [1]	775	13.4	3.8	4.2
Physicians	520	16.0	5.0	5.8
Dentists	138	6.2	.9	1.3
Health assessment and treating occupations [1]	1,929	86.4	7.1	2.3
Registered nurses	1,402	96.0	7.6	2.0
Therapists	251	76.8	5.4	3.9
Teachers, college and university	619	36.6	4.7	2.2
Teachers, except college and university [1]	3,441	72.1	8.8	2.7
Elementary school	1,322	84.6	9.9	2.6
Secondary school	1,203	51.2	7.7	2.8
Counselors, educational and vocational	192	54.2	12.2	3.7
Librarians, archivists, and curators	223	83.6	7.4	2.1
Librarians	210	85.9	7.6	2.1
Social scientists and urban planners	278	46.6	7.0	3.1
Psychologists	137	54.8	9.4	2.8
Social, recreation, and religious workers	846	44.4	12.1	3.5
Social workers	428	64.1	18.3	5.4
Lawyers and judges	678	16.2	2.6	2.0
Writers, artists, entertainers, and athletes	1,685	42.5	4.6	3.0
Technical, sales, and administrative support	**32,476**	**64.4**	**8.0**	**5.0**
Technicians and related support	3,172	48.1	8.3	4.4
Health technologists and technicians	1,112	83.4	13.1	4.2
Licensed practical nurses	416	96.3	17.1	4.4
Engineering and related technologists and technicians	860	18.3	5.0	5.8
Science technicians	200	35.4	9.4	3.9
Technicians, except health, engineering, and science	1,001	37.1	5.5	3.4
Computer programmers	507	35.4	5.3	3.1
Sales occupations	12,582	47.9	5.0	4.5
Supervisors and proprietors	3,220	29.7	3.3	4.1
Sales representatives, finance and business services [1]	1,992	38.4	3.2	2.6
Insurance sales	551	25.5	5.4	2.6
Real estate sales	626	48.2	1.5	2.5
Securities and financial services sales	237	23.9	2.6	.8
Sales representatives, commodities, except retail	1,473	16.7	1.8	3.1
Sales workers, retail and personal services	5,843	69.0	7.3	5.7
Cashiers	2,193	83.8	10.7	6.6
Sales-related occupations	54	64.1	1.6	3.7
Administrative support, including clerical	16,722	79.9	10.2	5.6
Supervisors	647	52.9	11.5	4.3
Computer equipment operators	716	64.7	12.8	6.7
Computer operators	713	64.7	12.7	6.7
Secretaries, stenographers, and typists [1]	4,877	97.7	7.9	4.8
Secretaries	3,935	98.3	6.1	4.6
Typists	886	95.7	16.1	6.1
Information clerks	1,250	88.9	8.3	6.1
Receptionists	665	96.9	7.6	6.3
Records processing occupations, except financial	847	82.1	13.4	5.9
File clerks	298	82.6	18.4	7.2
Financial records processing	2,452	90.0	4.9	3.9
Bookkeepers, accounting, and auditing clerks	2,010	91.2	4.3	3.7

See footnotes at end of table.

NO. 680. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1984—Continued

[Civilians 16 years old and over. Persons of Hispanic origin may be of any race]

OCCUPATION	Total employed (1,000)	PERCENT OF TOTAL		
		Female	Black	Hispanic origin
Technical, sales, and administrative support—Con.				
Administrative support, including clerical—Con.				
Duplicating, mail and other office machine operators	72	69.8	15.9	7.5
Communications equipment operators	234	92.0	17.7	4.9
Telephone operators	226	92.8	17.6	4.8
Mail and message distributing occupations	800	31.6	19.1	5.1
Postal clerks, except mail carriers	257	36.0	23.9	5.0
Material recording, scheduling, and distributing clerks	1,608	38.5	11.8	7.4
Adjusters and investigators	685	70.6	13.4	5.7
Miscellaneous administrative support [1]	2,531	85.1	12.8	7.2
General office clerks	664	80.9	12.3	6.8
Bank tellers	482	91.4	7.9	7.2
Data entry keyers	351	91.3	20.7	6.5
Teachers' aides	345	93.0	18.7	13.0
Service occupations	**14,151**	**60.8**	**17.5**	**8.0**
Private household [1]	993	96.2	30.3	10.0
Child care workers	383	97.4	9.5	6.4
Cleaners and servants	544	95.2	43.5	12.3
Protective service [1]	1,678	12.9	15.0	4.9
Firefighting and fire prevention	185	.7	5.3	2.9
Police and detectives	671	10.8	15.4	4.9
Guards	687	19.7	17.9	5.8
Service except private household and protective	11,481	64.8	16.8	8.3
Food preparation and service occupations [1]	4,989	64.0	12.0	8.2
Bartenders	340	48.9	2.5	4.5
Waiters and waitresses	1,380	86.3	4.9	5.3
Cooks, except short order	1,412	52.0	18.0	9.2
Short-order cooks	95	37.7	18.4	4.2
Food counter, fountain, and related occupations	367	79.3	10.7	7.4
Kitchen workers, food preparation	147	73.7	18.5	12.2
Waiters' and waitresses' assistants	344	40.8	11.4	12.9
Health service occupations	1,746	90.3	24.2	5.6
Dental assistants	170	98.2	4.4	5.3
Health aides, except nursing	341	86.4	16.8	5.6
Nursing aides, orderlies, and attendants	1,235	90.4	29.0	5.6
Cleaning and building service occupations [1]	2,802	39.0	24.4	11.1
Maids and housemen	550	82.5	32.2	13.2
Janitors and cleaners	2,074	26.3	22.7	10.8
Personal service occupations [1]	1,943	80.3	11.5	6.7
Barbers	100	19.2	10.1	13.1
Hairdressers and cosmetologists	656	89.8	7.5	6.8
Attendants, amusement and recreation facilities	118	44.5	9.1	4.6
Public transportation attendants	69	84.8	10.8	7.5
Welfare service aides	80	93.7	29.1	10.2
Child care workers, except private household	677	95.2	12.5	5.8
Precision production, craft, and repair	**13,057**	**8.5**	**7.2**	**7.2**
Mechanics and repairers	4,376	3.0	7.0	6.6
Mechanics and repairers, except supervisors	4,119	2.7	7.2	6.7
Vehicle and mobile equipment mechanics and repairers	1,764	.9	6.5	7.5
Construction trades	4,573	1.7	6.9	6.8
Construction trades, except supervisors	4,013	1.8	7.5	7.1
Carpenters	1,280	1.3	5.5	6.2
Extractive occupations	199	2.1	3.8	6.8
Precision production occupations	3,909	22.9	7.9	8.4
Operators, fabricators, and laborers	**16,864**	**26.0**	**14.3**	**9.5**
Machine operators, assemblers, and inspectors [1]	7,984	41.1	14.2	10.8
Fabricators, assemblers, and hand working occupations	1,823	31.9	12.3	10.1
Production inspectors, testers, samplers, and weighers	877	50.3	12.5	7.8
Transportation and material moving occupations	4,467	8.3	14.0	6.6
Motor vehicle operators	3,213	9.6	14.7	6.7
Trucks, heavy and light	2,373	4.0	13.4	6.7
Transportation occupations, except motor vehicles	206	1.6	7.3	2.4
Material moving equipment operators	1,049	5.6	12.9	7.0
Handlers, equipment cleaners, helpers, and laborers [1]	4,413	16.6	14.8	10.2
Freight, stock, and material handlers	1,564	15.9	15.6	7.7
Laborers, except construction	1,123	18.2	14.8	11.2
Farming, forestry, and fishing	**3,600**	**15.6**	**7.7**	**10.2**
Farm operators and managers	1,442	12.5	1.0	1.1
Other agricultural and related occupations	1,999	18.9	12.2	17.0
Forestry and logging occupations	105	3.2	13.6	2.6
Fishers, hunters, and trappers	54	3.6	8.1	11.1

[1] Includes other occupations, not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January 1985.

No. 681. Occupation and Sex of Employed Persons, by Employment Status of the Previous Year: 1983

(For persons 18 years old and over, not in school)

Occupation	Male					Female				
	Employed, Jan. 1983 (1,000)	Employment status, Jan. 1982 (percent)				Employed, Jan. 1983 (1,000)	Employment status, Jan. 1982 (percent)			
		Same occupation	Different occupation	Unemployed	Not in labor force		Same occupation	Different occupation	Unemployed	Not in labor force
Total	**52,253**	**83.9**	**6.3**	**4.5**	**3.2**	**40,783**	**79.4**	**8.7**	**4.0**	**7.9**
Executive, administrative and managerial	7,363	90.2	7.2	1.5	1.1	3,414	82.0	11.6	1.8	4.4
Professional specialty	6,530	90.7	5.3	.9	3.1	5,969	85.3	5.8	2.4	6.5
Technicians and related support	1,491	85.4	8.7	2.8	3.1	1,476	82.8	7.2	*1.8*	*8.2*
Sales occupations	5,555	83.6	10.4	3.1	2.9	4,851	71.4	10.4	5.3	12.9
Admin. support, including clerical	3,046	82.4	10.7	3.5	3.3	12,486	81.0	9.5	3.0	6.4
Private household	32	54.1	5.1	11.2	29.5	737	67.0	8.1	5.2	19.6
Protective service	1,395	84.7	8.3	5.1	2.0	193	78.7	11.3	4.7	5.3
Other service	3,174	73.3	11.4	8.4	7.0	6,283	75.7	7.8	*5.8*	*10.7*
Precision, production, craft, and repair	10,740	*84.0*	7.0	6.0	2.9	827	79.9	9.6	5.1	5.4
Machine operators, assemblers, inspectors	4,132	81.0	10.5	6.0	2.5	3,193	81.6	7.4	6.7	4.3
Transportation and material moving	3,619	81.5	8.2	7.7	2.5	332	82.4	7.3	3.6	6.7
Handlers, equipment cleaners, helpers, laborers	2,681	*69.3*	12.9	10.0	7.8	613	69.0	11.9	7.7	11.4
Farming, forestry, fishing	2,494	87.0	5.3	4.1	3.6	411	78.9	5.4	5.4	10.3

Source: U.S. Bureau of Labor Statistics, unpublished data.

No. 682. Employment, by Industry: 1970 to 1984

[**In thousands of civilian persons 16 years old and over, except percent.** Annual averages of monthly figures. Based on Current Population Survey; see text, pp. 387 and 388, and Appendix III. Persons of Hispanic origin may be of any race. Data from 1983 forward not strictly comparable with earlier years due to changes in industrial classification]

Industry	1970	1975	1980	1982	1983	1984			
						Total	Percent		
							Female	Black	Hispanic
Total employed	**78,678**	**85,846**	**99,303**	**99,526**	**100,834**	**105,005**	**43.7**	**9.6**	**6.2**
Agriculture, forestry, fisheries [1]	3,567	3,505	3,529	3,571	3,541	3,321	19.7	5.9	6.8
Mining	516	752	979	1,028	921	957	17.2	4.1	5.5
Construction	4,818	5,093	6,215	5,756	6,149	6,665	8.4	6.6	6.5
Manufacturing	20,746	19,457	21,942	20,286	19,946	20,995	32.6	9.9	7.4
Transportation, communication, and other public utilities [2]	5,320	5,692	6,525	6,552	6,988	7,358	25.8	12.4	5.5
Wholesale and retail trade	15,008	17,713	20,191	20,758	21,145	21,979	47.4	7.1	6.2
Wholesale trade	2,672	3,382	3,920	4,120	4,314	4,212	27.4	5.5	5.7
Retail trade	12,336	14,331	16,270	16,638	16,832	17,767	52.2	7.5	6.3
Finance, insurance, real estate	3,945	4,735	5,993	6,270	6,510	6,750	57.7	7.4	5.1
Banking and other finances	1,697	1,951	2,568	2,785	2,908	3,032	64.4	7.9	*5.6*
Insurance and real estate	2,248	2,783	3,425	3,485	3,601	3,720	52.1	6.9	4.6
Services [1] [3]	20,281	24,077	28,597	30,090	30,922	32,214	60.7	11.6	5.4
Business services	1,403	1,695	2,361	2,796	3,226	3,629	47.7	10.6	6.1
Automobile services	600	711	952	1,038	1,073	1,186	11.1	*8.0*	*9.4*
Personal services [3]	4,276	3,772	3,839	3,993	4,075	4,174	72.8	17.0	9.1
Private households	1,782	1,392	1,257	1,271	1,253	1,243	85.5	28.5	9.8
Hotels and lodging places	979	996	1,149	1,270	1,300	1,347	66.1	14.0	9.7
Entertainment and recreation	717	865	1,047	1,138	1,215	1,260	38.6	8.0	6.1
Professional and related services [2] [3]	12,904	16,573	19,853	20,507	20,716	21,174	66.4	*11.3*	*4.3*
Hospitals	2,843	3,441	4,036	4,341	4,348	4,288	76.5	16.7	4.6
Health services	1,628	2,505	3,345	3,518	3,526	3,646	75.8	10.7	4.5
Elementary, secondary schools	6,126	5,077	5,550	5,457	5,254	5,347	70.0	11.5	4.4
Colleges and universities		1,852	2,108	2,199	2,219	2,209	49.4	9.4	3.5
Social services [1]	828	1,247	1,590	1,594	1,452	1,595	78.5	*18.0*	6.1
Public administration [4]	4,476	4,824	5,342	5,218	4,710	4,766	40.2	13.7	5.4

[1] Beginning 1984, forestry and fisheries included in services. [2] Not strictly comparable beginning in 1983 due to changes in the industrial classification system. [3] Includes industries not shown separately. [4] Includes workers involved in uniquely governmental activities, e.g., judicial and legislative.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly; and unpublished data.

No. 683. Employment by Selected Industry, 1970 to 1982 and Projections, 1990 and 1995

[**In thousands, except percent.** Employment includes wage and salary workers in nonagricultural establishments, the self-employed, unpaid family workers, private household workers and farm workers. Due to estimation procedures and classification of components of industries, data not comparable to those in other tables. Minus sign (−) indicates decrease]

Industry	Employment					Annual average rate of change			
	1970	1980	1982	1990 [1]	1995 [1]	1970–1980	1980–1982	1982–1990	1990–1995
Total	**82,603**	**102,830**	**102,315**	**118,315**	**127,563**	**2.2**	**−.3**	**1.8**	**1.5**
Agriculture [2]	3,300	2,860	2,815	2,652	2,550	−1.4	−.8	−.7	−.8
Dairy and poultry products	765	436	429	384	360	−5.5	−.8	−1.4	−1.3
Meat animals and livestock	742	533	524	473	445	−3.3	−.9	−1.3	−1.2
Food and feed grains	589	612	603	589	577	−.3	−.7	−.3	−.4
Mining [2]	514	723	742	781	864	3.5	1.3	.7	2.0
Coal mining	147	247	242	286	317	5.3	−1.0	2.1	2.1
Crude petroleum, natural gas (excl. drilling)	156	246	311	291	338	4.7	12.4	−.8	3.0
Construction [2]	4,387	5,865	5,491	6,963	7,925	2.9	−3.2	3.0	2.6
New construction (including oil well drilling)	3,555	4,327	4,067	5,263	6,043	2.0	−3.1	3.3	2.8
Maintenance construction	897	1,463	1,424	1,700	1,882	5.0	−1.4	2.2	2.1
Manufacturing	19,665	20,673	19,234	22,236	23,491	.5	−3.5	1.8	1.1
Durable goods [2]	11,399	12,423	11,326	13,550	14,496	.9	−4.5	2.3	1.4
Household furniture	300	301	270	346	357	-	−5.3	3.2	.6
Millwork, plywood products	301	363	317	406	419	1.9	−6.5	3.2	.6
Blast furnaces, basic steel	627	512	394	435	447	−2.0	−12.3	1.3	.5
Fabricated structural metal	495	522	461	572	619	1.8	−6.5	2.7	1.6
Construction, mining and oilfield machinery	205	283	254	321	357	3.3	−5.3	3.0	2.1
Metalworking machinery	324	381	319	388	400	1.6	−8.5	2.5	.6
Computers, peripheral equipment	236	376	428	586	694	4.8	6.7	4.0	3.4
Radio, communication equipment	362	378	424	433	460	.4	5.9	.3	1.2
Electronic components	367	554	561	745	850	4.2	.6	3.6	2.7
Motor vehicles	801	791	707	834	860	−.1	−5.5	2.1	.6
Aircraft	670	676	629	680	709	.1	−3.5	1.0	.9
Scientific, controlling instruments	181	221	226	292	349	2.0	1.1	3.2	3.7
Medical, dental instruments	83	156	158	203	272	6.5	.6	3.2	6.1
Nondurable goods [2]	8,266	8,250	7,908	8,686	8,995	-	−2.1	1.2	.7
Meat products	348	363	352	357	372	.4	−1.5	.2	.8
Canned and frozen food	288	312	293	335	341	.8	−3.1	1.7	.4
Fabric, yarn, and thread mills	600	510	442	461	474	−1.6	−6.9	.5	.6
Apparel	1,213	1,101	1,009	1,074	1,125	−1.0	−4.3	.8	.9
Paper products	483	488	475	516	533	.1	−1.4	1.0	.7
Newspaper printing, publishing	382	441	445	494	535	1.4	.5	1.3	1.6
Periodical, book printing and publishing	209	238	248	288	338	1.3	2.1	2.3	2.6
Other printing and publishing	549	656	668	758	789	1.8	.9	1.6	.8
Industrial chemicals	297	330	329	358	379	1.1	−.2	1.0	1.2
Drugs	150	196	199	254	281	2.7	.7	3.1	2.1
Plastic products	314	467	460	636	716	4.0	−.7	4.1	2.4
Transportation [2]	2,887	3,250	3,103	3,450	3,594	1.2	−2.3	1.3	.8
Railroad	636	534	433	373	351	−1.7	−10.0	−1.8	−1.2
Local transit, intercity buses	321	312	314	341	361	−.3	.3	1.0	1.2
Truck	1,225	1,497	1,454	1,701	1,774	2.0	−1.4	2.0	.8
Water	217	216	206	210	214	-	−2.3	.2	.4
Air	356	461	450	532	568	2.6	−1.2	2.1	1.3
Transportation services	114	209	224	269	302	6.2	3.5	2.3	2.3
Communications [2]	1,132	1,362	1,420	1,687	1,950	1.9	2.1	2.2	2.9
Radio, television broadcasting	139	203	221	308	357	3.9	4.3	4.2	3.0
All other (telephone and other)	993	1,159	1,199	1,379	1,593	1.5	1.7	1.8	2.9
Public utilities [2]	797	966	1,020	1,064	1,093	1.9	2.8	.5	.5
Electric, public and private	481	640	684	712	740	2.9	3.4	.5	.8
Gas, excluding public	221	221	230	218	207	-	2.0	−.7	−1.1
Trade	17,060	22,493	22,536	26,355	28,545	2.8	.1	2.0	1.6
Wholesale	4,250	5,597	5,585	6,298	6,734	2.8	−.1	1.5	1.3
Retail, except eating, drinking places	9,872	11,948	11,792	14,106	15,070	1.9	−.7	2.3	1.3
Eating and drinking places	2,938	4,948	5,159	5,951	6,742	5.4	2.1	1.8	2.5
Finance, insurance, real estate	3,977	5,702	5,899	7,113	7,685	3.7	1.7	2.4	1.6
Banking	1,049	1,572	1,655	1,954	2,120	4.1	2.6	2.1	1.6
Credit agencies, financial brokers	636	952	1,038	1,350	1,518	4.1	4.4	3.3	2.4
Insurance	1,411	1,794	1,870	2,189	2,272	2.4	2.1	1.9	.9
Real estate	881	1,384	1,336	1,640	1,774	4.6	−1.7	2.6	1.6
Services [2]	14,050	21,097	22,617	27,863	31,290	4.1	3.5	2.6	2.3
Hotels and lodging places	1,079	1,571	1,693	1,915	2,010	1.4	3.8	1.6	1.0
Personal and repair	1,193	1,244	1,305	1,519	1,592	.4	2.4	1.9	.9
Miscellaneous business	1,756	3,404	3,743	5,172	6,183	6.8	4.9	4.1	3.6
Miscellaneous professional	1,101	1,930	2,147	2,640	3,004	5.8	5.5	2.6	2.6
Automobile repair	576	845	910	1,029	1,141	3.9	3.8	1.5	2.1
Amusements, recreation	515	832	870	1,059	1,193	4.9	2.3	2.5	2.4
Doctors' and dentists' offices	815	1,408	1,503	1,897	2,005	5.6	3.3	3.0	1.1
Hospitals	1,871	2,754	3,016	3,963	4,477	3.9	4.6	3.5	2.5
Medical, except hospitals	733	1,517	1,664	2,208	2,688	7.5	4.7	3.6	4.0
Educational (private)	1,240	1,772	1,882	2,157	2,396	3.6	3.1	1.7	2.1
Nonprofit organizations	1,784	2,142	2,095	2,406	2,505	1.8	−1.1	1.7	.8
Private households	2,280	1,598	1,635	1,400	1,346	−3.5	1.2	−1.9	−.8
Government	12,554	16,241	15,803	16,750	17,230	2.6	−1.4	.7	.6

- Represents or rounds to zero. [1] Projections based on assumptions of moderate growth; see source for details. [2] Includes other industries, not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment Projections for 1995*, Bulletin 2197, March 1984.

No. 684. Unemployed and Unemployment Insurance—Summary: 1972 to 1984

[**In thousands, except as indicated. Persons 16 years old and over.** Annual averages of monthly figures, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series D 87–101]

ITEM AND CHARACTERISTIC	1972	1975	1978	1979	1980	1981	1982	1983	1984
Total unemployed [1]	**4,882**	**7,929**	**6,202**	**6,137**	**7,637**	**8,273**	**10,678**	**10,717**	**8,539**
Labor force time lost [2] (percent)	5.9	9.1	6.5	6.3	7.9	8.5	11.0	10.9	8.6
Male	2,659	4,442	3,142	3,120	4,267	4,577	6,179	6,260	4,744
Female	2,222	3,486	3,061	3,018	3,370	3,696	4,499	4,457	3,794
White	3,906	6,421	4,698	4,664	5,884	6,343	8,241	8,128	6,372
Black	906	1,369	1,330	1,319	1,553	1,731	2,142	2,272	1,914
Full-time workers	3,806	6,523	4,838	4,787	6,269	6,795	9,006	9,075	7,057
Part-time workers	1,077	1,408	1,364	1,351	1,369	1,477	1,672	1,642	1,481
Percent of total unemployed	22.1	17.8	22.0	22.0	17.9	17.9	15.7	15.3	17.3
16–19 years old [1]	1,308	1,767	1,583	1,555	1,669	1,763	1,977	1,829	1,499
Percent of total unemployed	26.8	22.3	25.5	25.3	21.9	21.3	18.5	17.1	17.6
Male	711	966	813	811	913	962	1,090	1,003	812
Female	598	802	769	743	755	800	886	825	687
White	1,021	1,413	1,189	1,193	1,291	1,374	1,534	1,387	1,116
Black	279	330	360	333	343	357	396	392	353
20–24 years old [1]	1,132	1,865	1,483	1,442	1,835	1,976	2,392	2,330	1,838
Percent of total unemployed	23.2	23.5	23.9	23.5	24.0	23.9	22.4	21.7	21.5
Male	628	1,081	768	744	1,076	1,144	1,407	1,369	1,023
Female	503	783	714	697	760	833	985	961	815
White	887	1,473	1,058	1,038	1,364	1,449	1,770	1,678	1,282
Black	226	362	379	369	426	483	565	591	504
25–44 years old	1,454	2,727	2,116	2,151	2,964	3,276	4,589	4,728	3,709
Percent of total unemployed	29.8	34.4	34.1	35.0	38.8	39.6	43.0	44.1	43.4
Male	750	1,493	1,005	1,028	1,619	1,765	2,670	2,769	2,050
Female	706	1,235	1,112	1,123	1,345	1,511	1,919	1,958	1,659
45–64 years old	878	1,413	897	886	1,075	1,159	1,613	1,716	1,394
Percent of total unemployed	18.0	17.8	14.5	14.4	14.1	14.0	15.1	16.0	16.3
Male	499	801	475	468	600	651	943	1,046	806
Female	378	612	422	418	475	508	670	671	589
65 years and over	111	155	123	104	94	98	107	114	97
Unemployment rate (percent): [3]									
All workers [1]	5.6	8.5	6.1	5.8	7.1	7.6	9.7	9.6	7.5
White	5.1	7.8	5.2	5.1	6.3	6.7	8.6	8.4	6.5
Male	4.5	7.2	4.6	4.5	6.1	6.5	9.9	8.8	6.4
Female	5.9	8.6	6.2	5.9	6.5	6.9	9.4	7.9	6.5
Black	10.4	14.8	12.8	12.3	14.3	15.6	18.9	19.5	15.9
Ratio to White	2.0	1.9	2.5	2.4	2.3	2.3	2.2	2.3	2.4
Male	9.3	14.8	11.8	11.4	14.5	15.7	20.1	20.3	16.4
Female	11.8	14.8	13.8	13.3	14.0	15.6	17.6	18.6	15.4
Men, 20 years old and over	4.0	6.8	4.3	4.2	5.9	6.3	8.8	8.9	6.6
Women, 20 years old and over	5.4	8.0	6.0	5.7	6.4	6.8	8.3	8.1	6.8
Women maintaining families	7.2	10.0	8.5	8.3	9.2	10.4	11.7	12.2	10.3
Married men, wife present [1]	2.8	5.1	2.8	2.8	4.2	4.3	6.5	6.5	4.6
White	2.6	4.8	2.6	2.5	3.9	4.0	6.0	6.0	4.3
Black	4.5	8.7	5.0	5.3	7.4	8.6	11.5	11.3	8.1
Teenagers (16–19 yr. old) [1]	16.2	19.9	16.4	16.1	17.8	19.6	23.2	22.4	18.9
White	14.2	17.9	13.9	14.0	15.5	17.3	20.4	19.3	16.0
Black	35.4	39.5	38.7	36.5	38.5	41.4	48.0	48.5	42.7
Experienced workers [4]	5.3	8.2	5.6	5.5	6.9	7.3	9.3	9.2	7.1
Percent without work for—									
4 weeks or less	45.9	37.1	46.2	48.1	43.1	41.7	36.4	33.3	39.2
5–10 weeks	22.5	22.2	22.8	23.4	23.4	22.4	21.7	19.4	20.6
11–14 weeks	7.6	9.1	8.3	8.3	9.0	8.3	9.4	8.0	8.1
15–26 weeks	12.3	16.4	12.4	11.5	13.8	13.6	16.0	15.4	12.9
Over 26 weeks	11.6	15.2	10.4	8.7	10.7	14.0	16.6	23.9	19.1
Unemployment duration, average (weeks)	12.1	14.2	11.9	10.8	11.9	13.7	15.6	20.0	18.2
Unemployment insurance: [5]									
Insured unemployed, average [6]	1,848	3,986	2,359	2,434	3,350	3,047	4,061	3,396	2,474
Percent of covered employment	3.5	6.0	3.3	2.9	3.9	3.5	4.6	3.9	2.8
Initial claims, weekly average [7]	261	478	346	388	488	460	583	438	377
Claimants exhausting benefits	1,809	4,195	2,039	2,037	3,072	2,989	4,175	4,180	2,163
Percent of first payment claims	29.2	37.8	26.7	25.2	30.7	32.4	38.5	38.4	34.2
Average duration of benefits (weeks)	14.2	15.7	13.3	13.1	14.9	14.5	15.9	17.5	14.4

[1] Includes other races, not shown separately. [2] Aggregate hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force hours. [3] Unemployed as percent of civilian labor force in specified group. [4] Wage and salary workers. [5] Source: U.S. Employment and Training Administration. State programs only. Includes Puerto Rico and, beginning 1978, Virgin Islands. See table 639. [6] Workers reporting completion of at least 1 week of unemployment. [7] Notices by workers to indicate they are starting periods of unemployment.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

No. 685. Unemployed Persons, by Sex and Reason: 1970 to 1984

[**In thousands of civilian persons 16 years old and over.** Annual averages of monthly figures]

SEX AND REASON UNEMPLOYED	1970	1973	1974	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total	**4,093**	**4,365**	**5,156**	**7,929**	**6,991**	**6,202**	**6,137**	**7,637**	**8,273**	**10,678**	**10,717**	**8,539**
Job losers	1,811	1,694	2,242	4,386	3,166	2,585	2,635	3,947	4,267	6,268	6,258	4,421
Job leavers	550	663	768	827	909	874	880	891	923	840	830	823
Reentrants	1,228	1,340	1,463	1,892	1,963	1,857	1,806	1,927	2,102	2,384	2,412	2,184
New entrants	504	649	681	823	953	885	817	872	981	1,185	1,216	1,110
Male	**2,238**	**2,275**	**2,714**	**4,442**	**3,667**	**3,142**	**3,120**	**4,267**	**4,577**	**6,179**	**6,260**	**4,744**
Job losers	1,199	1,099	1,462	2,909	2,021	1,622	1,667	2,649	2,821	4,278	4,331	2,976
Job leavers	282	338	371	375	413	419	427	438	435	390	386	375
Reentrants	533	536	589	782	794	706	673	776	850	946	953	867
New entrants	224	301	295	377	441	394	352	405	472	565	589	526
Female	**1,855**	**2,089**	**2,441**	**3,486**	**3,324**	**3,061**	**3,018**	**3,370**	**3,696**	**4,499**	**4,457**	**3,794**
Job losers	614	593	781	1,478	1,145	964	968	1,297	1,446	1,990	1,926	1,445
Job leavers	267	345	398	452	496	455	453	454	488	450	444	449
Reentrants	696	803	875	1,110	1,170	1,151	1,133	1,151	1,252	1,438	1,459	1,317
New entrants	279	346	386	447	513	491	465	468	509	621	627	584

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly, and Bulletin 2096.

No. 686. Unemployment Rate by Sex, Race, and Educational Attainment: 1965 to 1985

[**In percent.** Persons 16 years old and over for 1975 and later years; 18 and over for 1965 and 1970. As of **March.** Based on Current Population Survey, see Appendix III]

ITEM	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985
Male: Total [1]	4.4	3.7	9.0	6.3	5.8	6.8	8.1	10.3	11.9	8.6	7.8
High school: 1-3 years	6.7	5.6	14.7	12.1	11.9	12.8	15.6	19.4	21.4	17.6	16.2
4 years	3.4	3.4	9.1	5.9	5.5	6.9	8.8	11.3	13.6	9.4	8.3
College: 1-3 years	3.1	3.8	6.6	4.3	4.3	5.0	5.2	7.5	9.3	5.7	5.0
4 years or more	1.4	1.3	2.5	2.2	1.9	1.8	2.1	3.2	3.6	2.8	2.6
Female: Total [1]	5.3	4.9	9.5	7.0	6.6	6.7	7.6	8.9	9.7	7.7	7.4
High school: 1-3 years	8.6	7.4	15.9	12.9	12.7	13.3	15.0	16.0	19.6	16.2	15.5
4 years	5.0	4.6	9.1	6.6	6.1	6.4	7.4	9.2	9.7	7.6	7.7
College: 1-3 years	3.6	4.0	7.4	5.1	4.3	4.9	5.0	6.1	6.8	6.1	5.3
4 years or more	1.3	2.0	3.6	3.0	3.0	2.5	3.0	3.3	4.0	2.7	2.5
White: Total [1]	4.3	3.9	8.5	5.8	5.4	6.0	7.0	8.6	9.7	7.2	6.6
High school: 1-3 years	6.4	5.7	14.0	10.7	10.9	11.6	13.5	17.0	19.0	15.2	14.2
4 years	3.7	3.6	8.4	5.5	5.0	5.9	7.2	9.1	10.3	7.4	7.0
College: 1-3 years	(NA)	3.7	6.6	4.1	3.8	4.4	4.4	5.8	7.0	5.1	4.2
4 years or more	(NA)	1.5	2.8	2.3	2.1	1.9	2.3	2.9	3.4	2.5	2.3
Black: Total [1]	8.5	6.7	14.7	13.2	12.6	13.4	15.9	18.9	21.0	17.1	15.6
High school: 1-3 years	13.5	9.5	22.0	21.6	19.6	20.5	24.7	24.1	29.5	27.1	24.7
4 years	8.2	7.2	15.2	12.7	12.8	13.1	16.4	20.7	22.8	18.3	16.2
College: 1-3 years	(NA)	6.1	10.1	10.4	8.8	10.8	11.8	15.8	17.3	12.0	12.3
4 years or more	(NA)	1.4	3.9	4.7	4.2	4.4	4.0	8.3	8.5	6.3	5.8
Hispanic origin: [2] Total [1]	(NA)	(NA)	12.8	9.5	8.7	9.2	11.2	13.4	16.3	11.7	11.3
High school: 1-3 years	(NA)	(NA)	18.4	14.0	14.6	14.3	17.0	21.8	23.9	18.4	15.7
4 years	(NA)	(NA)	10.5	7.4	8.2	7.1	9.7	11.4	14.4	9.7	9.5
College: 1-3 years	(NA)	(NA)	7.9	7.3	6.5	5.9	6.3	7.1	10.9	7.6	7.4
4 years or more	(NA)	(NA)	3.6	7.3	3.6	3.7	2.8	4.9	6.8	3.6	3.1

NA Not available. [1] Includes persons reporting no school years completed and elementary completed.
[2] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics,* annual.

No. 687. Unemployment Rate, by Industry, 1975 to 1984, and by Sex, 1980 and 1984

[**Civilian persons 16 years old and over.** Rate represents unemployment as a percent of labor force in each specified group. Annual averages of monthly figures. Beginning 1983, data not strictly comparable with earlier years due to changes in industrial classification]

INDUSTRY	1975	1979	1980	1981	1982	1983	1984	MALE		FEMALE	
								1980	1984	1980	1984
All unemployed [1]	**8.5**	**5.8**	**7.1**	**7.6**	**9.7**	**9.6**	**7.5**	**6.9**	**7.4**	**7.4**	**7.6**
Industry: [2]											
Agriculture	10.3	9.1	11.0	12.2	14.7	16.0	13.5	9.7	12.6	15.1	17.2
Mining	4.1	4.9	6.4	6.0	13.4	17.0	10.0	6.8	10.9	4.5	5.4
Construction	18.0	10.3	14.1	15.6	20.0	18.4	14.3	14.7	14.7	8.8	10.3
Manufacturing	10.9	5.8	8.5	8.3	12.3	11.2	7.5	7.4	6.6	10.7	9.2
Transportation and public utilities	5.6	3.7	4.9	5.2	6.8	7.4	5.5	5.1	6.0	4.4	4.3
Wholesale and retail trade	8.7	6.5	7.4	8.1	10.0	10.0	8.0	6.6	6.9	8.3	9.1
Finance, insurance, and real estate	4.9	3.0	3.4	3.5	4.7	4.5	3.7	3.2	3.8	3.5	3.6
Service industries	7.1	5.5	5.9	6.6	7.6	7.9	6.6	6.2	7.0	5.7	6.3
Government	4.1	3.7	4.1	4.7	4.9	5.3	4.5	3.8	4.5	4.3	4.4

[1] Includes the self-employed, unpaid family workers, and persons with no previous work experience, not shown separately.
[2] Covers unemployed wage and salary workers.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

NO. 688. UNEMPLOYMENT AND UNEMPLOYMENT RATE BY OCCUPATION: 1983 AND 1984, AND BY SEX, 1984

[**Civilians 16 years old and over.** Rate represents unemployment as a percent of the labor force in each specified group. For 1984, annual averages of monthly data; 1983 data estimated, see text page 388]

OCCUPATION	NUMBER (1,000)		UNEMPLOYMENT RATE			
	1983	1984	1983	1984		
				Total	Male	Female
Total [1]	**10,717**	**8,539**	**9.6**	**7.5**	**7.4**	**7.6**
Managerial and professional specialty	795	663	3.3	2.6	2.3	3.0
Executive, administrative, and managerial	396	320	3.5	2.7	2.4	3.3
Professional specialty	399	343	3.0	2.5	2.3	2.8
Technical sales, and administrative support	2,116	1,706	6.3	5.0	3.9	5.6
Technicians and related support	152	96	4.7	2.9	2.7	3.2
Sales occupations	850	715	6.7	5.4	3.8	7.0
Administrative support, including clerical	1,114	896	6.4	5.1	4.8	5.1
Service occupations	1,697	1,413	10.9	9.1	9.1	9.1
Private household	79	74	7.4	6.9	6.5	7.0
Protective service	120	102	6.7	5.7	5.3	8.4
Service except private household and protective	1,498	1,237	11.8	9.7	10.4	9.4
Precision production, craft, and repair	1,466	1,051	10.6	7.5	7.4	7.9
Mechanics and repairs	344	229	7.6	5.0	4.9	5.6
Construction trades	709	560	14.2	10.9	10.8	15.4
Other precision production, craft, and repair	412	262	9.6	6.0	5.6	7.5
Operators, fabricators, and laborers	2,955	2,193	15.5	11.5	11.1	12.6
Machine operators, assemblers, inspectors	1,411	954	15.4	10.7	9.3	12.5
Transportation and material moving occupations	596	454	12.4	9.2	9.2	9.3
Handlers, equipment cleaners, helpers, laborers	948	785	18.6	15.1	15.2	14.6
Construction laborers	207	194	25.8	22.5	22.0	(B)
Farming, forestry, and fishing	407	332	9.9	8.5	8.2	9.9

B Base is less than 35,000. [1] Includes persons with no previous work experience and those whose last job was in the Armed Forces.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 689. UNEMPLOYED PERSONS BY LENGTH OF UNEMPLOYMENT AND SELECTED CHARACTERISTIC: 1983 AND 1984

[**Persons 16 years old and over.** Annual averages of monthly figures. Based on Current Population Survey; see Appendix III]

CHARACTERISTIC	TOTAL UNEMPLOYED (1,000)		UNEMPLOYED 5 WEEKS OR LESS				UNEMPLOYED 15 WEEKS OR LONGER			
			Total (1,000)		Percent of unemployed		Total (1,000)		Percent of unemployed	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
Total [1]	**10,717**	**8,539**	**3,570**	**3,350**	**33.3**	**39.2**	**4,210**	**2,737**	**39.3**	**32.1**
Male	6,260	4,744	1,773	1,670	28.3	35.2	2,791	1,725	44.6	36.4
Female	4,457	3,794	1,796	1,679	40.3	44.3	1,419	1,012	31.8	26.7
White	8,128	6,372	2,729	2,560	33.6	40.1	3,140	1,981	38.6	31.1
Black	2,272	1,914	725	680	31.9	35.5	962	685	42.3	35.8
Hispanic origin [2]	940	778	(NA)	342	(NA)	44.0	(NA)	205	(NA)	26.4
Occupation:										
Managerial and professional specialty	795	663	239	236	30.1	35.6	340	224	42.7	33.8
Technical/sales/administrative	2,116	1,706	760	710	35.9	41.6	774	501	36.6	29.4
Service	1,697	1,413	633	580	37.3	41.0	584	419	34.5	29.7
Precision production, craft, and repair	1,466	1,051	397	379	27.1	36.1	669	386	45.6	36.7
Operators, fabricators, laborers	2,955	2,193	816	758	27.6	34.6	1,401	832	47.4	37.9
Farming, forestry, fishing	407	332	164	140	40.2	42.2	112	92	27.5	27.7
Industry: [3]										
Agriculture	300	243	124	106	41.3	43.6	75	64	25.1	25.2
Construction	1,044	858	305	322	29.2	37.5	424	279	40.7	32.5
Manufacturing	2,461	1,659	600	546	24.4	32.9	1,292	685	52.5	41.3
Durable goods	1,567	959	333	291	21.3	30.3	904	429	57.7	44.7
Nondurable goods	894	700	267	255	29.9	36.4	389	255	43.4	36.4
Transportation and public utilities	475	375	132	119	27.8	31.7	219	148	46.2	39.5
Wholesale and retail trade	2,122	1,724	782	721	36.9	41.8	744	495	35.1	28.7
Finance and service industries	2,372	2,003	854	800	36.0	39.9	857	617	36.2	30.8
Public administration	320	272	98	94	30.8	34.6	127	89	39.4	32.7
No previous work experience	1,218	1,114	545	527	44.7	47.3	304	261	24.9	23.4

NA Not available. [1] Includes those whose last job was in the Armed Forces, not classified by occupation or industry. [2] Persons of Hispanic origin may be of any race. [3] Wage and salary workers.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly; and unpublished data.

NO. 690. TOTAL UNEMPLOYED AND INSURED UNEMPLOYED—STATES: 1980 TO 1984

[Civilian population 16 years old and over. Annual averages of monthly figures. Total unemployment estimates based on the Current Population Survey (CPS); see text, p. 2. U.S. totals derived by independent population controls; therefore State data may not add to U.S. totals]

DIVISION AND STATE	TOTAL UNEMPLOYED [1]										INSURED UNEMPLOYED			
	Number (1,000)					Percent [2]					Number (1,000)		Percent [3]	
	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984	1983	1984	1983	1984
U.S	7,637	8,273	10,678	10,717	8,539	7.1	7.6	9.7	9.6	7.5	3,347	2,432	3.9	2.8
N. Eng.: ME	39	37	44	48	34	7.8	7.2	8.6	9.0	6.1	17.5	14.7	4.5	3.7
NH	22	24	36	27	22	4.7	5.0	7.4	5.4	4.3	8.4	5.7	2.2	1.4
VT	16	15	18	18	14	6.4	5.7	6.9	6.9	5.2	8.2	6.3	4.3	3.2
MA	162	188	239	205	145	5.6	6.4	7.9	6.9	4.8	81.7	60.8	3.2	2.4
RI	34	36	49	40	26	7.2	7.6	10.2	8.3	5.3	17.6	12.5	4.7	3.3
CT	94	98	111	97	77	5.9	6.2	6.9	6.0	4.6	39.8	25.8	2.9	1.8
Mid. Atl.: NY	597	613	687	689	584	7.5	7.6	8.6	8.6	7.2	246.2	210.1	3.5	3.0
NJ	259	262	325	287	236	7.2	7.3	9.0	7.8	6.2	115.1	94.2	3.9	3.1
PA	425	458	599	651	499	7.8	8.4	10.9	11.8	9.1	259.0	181.2	6.0	4.2
E. No. Cent.: OH	426	492	640	622	481	8.4	9.6	12.5	12.2	9.4	166.4	118.8	4.3	3.1
IN	252	264	310	286	226	9.6	10.1	11.9	11.1	8.6	71.5	49.4	3.7	2.6
IL	458	474	632	640	511	8.3	8.5	11.3	11.4	9.1	210.4	135.6	4.9	3.2
MI	534	529	661	610	488	12.4	12.3	15.5	14.2	11.2	143.9	102.1	4.8	3.4
WI	167	185	261	254	176	7.2	7.8	10.7	10.4	7.3	85.3	60.2	4.7	4.0
W. No. Cent.: MN	125	119	169	178	141	5.9	5.5	7.8	8.2	6.3	51.3	38.5	3.2	2.4
IA	82	99	121	116	100	5.8	6.9	8.5	8.1	7.0	36.8	27.3	3.7	2.8
MO	167	179	214	233	172	7.2	7.7	9.2	9.9	7.2	64.8	45.0	3.6	2.5
ND	15	16	18	18	17	5.0	5.0	5.9	5.6	5.1	8.1	6.8	3.7	3.1
SD	16	17	18	18	15	4.9	5.1	5.5	5.4	4.3	3.6	2.5	1.8	1.2
NE	31	32	48	45	35	4.1	4.1	6.1	5.7	4.4	15.3	11.6	2.7	2.0
KS	53	50	74	72	63	4.5	4.2	6.3	6.1	5.2	27.1	19.0	3.1	2.1
So. Atl.: DE	22	23	25	24	19	7.7	7.9	8.5	8.1	6.2	6.6	5.2	2.6	2.0
MD	140	157	183	153	121	6.5	7.3	8.4	6.9	5.4	54.0	37.1	3.5	2.3
DC	24	26	33	38	29	7.3	9.0	10.6	11.7	9.0	11.9	9.2	3.3	2.5
VA	128	158	204	165	143	5.0	6.1	7.7	6.1	5.0	33.7	23.9	1.8	1.2
WV	74	84	107	139	116	9.4	10.7	13.9	18.0	15.0	43.2	26.7	7.6	5.0
NC	187	188	266	262	205	6.6	6.4	9.0	8.9	6.7	69.2	50.0	3.1	2.2
SC	96	119	161	148	105	6.9	8.4	10.8	10.0	7.1	40.1	28.4	3.6	2.6
GA	163	165	207	202	166	6.4	6.4	7.8	7.5	6.0	51.5	37.8	2.5	1.8
FL	251	307	386	421	322	5.9	6.8	8.2	8.6	6.3	76.7	54.6	2.1	1.4
E. So. Cent.: KY	133	140	178	198	160	8.0	8.4	10.6	11.7	9.3	52.4	35.0	4.9	3.3
TN	152	193	252	251	190	7.3	9.1	11.8	11.5	8.6	61.2	40.7	3.8	2.5
AL	147	178	247	241	200	8.8	10.7	14.4	13.7	11.1	54.2	42.5	4.5	3.5
MS	79	88	117	135	116	7.5	8.3	11.0	12.6	10.8	37.5	27.5	5.1	3.7
W. So. Cent.: AR	76	94	99	104	93	7.6	9.1	9.8	10.1	8.9	31.6	24.9	4.6	3.5
LA	121	156	192	225	194	6.7	8.4	10.3	11.8	10.0	80.7	58.5	5.3	3.9
OK	66	52	83	140	109	4.8	3.6	5.7	9.0	7.0	34.0	22.0	3.0	2.0
TX	352	373	505	609	466	5.2	5.3	6.9	8.0	5.9	144.6	92.6	2.4	1.6
Mt.: MT	23	27	34	35	30	6.1	6.9	8.6	8.8	7.4	11.9	10.3	4.8	4.1
ID	34	32	43	45	33	7.9	7.6	9.8	9.8	7.2	16.3	12.4	5.6	4.2
WY	9	10	15	22	16	4.0	4.1	5.8	8.4	6.3	9.4	4.5	4.6	2.4
CO	88	84	122	110	96	5.9	5.5	7.7	6.6	5.6	38.7	26.7	3.0	2.1
NM	42	42	54	62	47	7.5	7.3	9.2	10.1	7.5	17.1	12.7	4.0	2.9
AZ	83	78	131	125	71	6.7	6.1	9.9	9.1	5.0	31.1	19.3	3.1	1.9
UT	40	43	52	64	47	6.3	6.7	7.8	9.2	6.5	19.9	13.3	4.0	2.6
NV	27	33	49	48	39	6.2	7.1	10.1	9.8	7.8	15.6	11.4	4.0	2.9
Pac.: WA	157	189	244	230	194	7.9	9.5	12.1	11.2	9.5	84.1	65.9	5.7	4.4
OR	108	132	152	145	125	8.3	9.9	11.5	10.8	9.4	50.2	39.7	5.6	4.4
CA	790	874	1,211	1,192	972	6.8	7.4	9.9	9.7	7.8	467.1	348.1	4.8	3.5
AK	18	18	21	24	25	9.7	9.3	9.9	10.3	10.0	11.4	12.0	6.4	6.2
HI	21	24	31	30	27	4.9	5.4	6.7	6.5	5.6	13.0	11.1	3.4	2.9

[1] Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual; and unpublished data. [2] Total unemployment as percent of civilian labor force. [3] Insured unemployment as percent of average covered employment in the previous year.

Source: Except as noted, U.S. Employment and Training Administration, *Employment and Training Report of the Secretary*, annual.

NO. 691. U.S. EMPLOYMENT SERVICE JOB OPENINGS AND PLACEMENTS, AND INDEX OF HELP-WANTED ADVERTISING: 1970 TO 1984

[In thousands, except as indicated. Openings and placements. For years ending **Sept. 30, except as indicated.]**

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Job openings: [1] Received	6,130	7,889	8,396	9,534	9,477	8,122	7,548	6,150	6,494	[2] 5,144
Average per month	511	657	699	795	789	677	629	513	541	[2] 572
Nonagricultural placements [1]	4,604	4,374	5,544	6,248	6,349	5,610	3,509	2,804	3,012	[2] 2,297
Index of help-wanted advertising in newspapers [3] (1967=100)	93	80	118	150	158	129	119	86	96	131

[1] As reported by State employment agencies. [2] Data for nine months from October 1, 1983 through June 30, 1984. [3] Source: The Conference Board, New York, NY. Further reproduction prohibited without permission. Index based on number of advertisements in classified sections of 51 newspapers, each in a major employment area.

Source: Except as noted, U.S. Employment and Training Administration, unpublished data.

No. 692. Nonagricultural Establishments—Employees, Hours, and Earnings, by Industry: 1960 to 1985

[Based on data from establishment reports. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period reported. Excludes proprietors, the self-employed, farmworkers, unpaid family workers, private household workers, and Armed Forces. Establishment data shown here conform to industry definitions in 1972 Standard Industrial Classification Manual and are adjusted to March 1984 employment benchmarks; consequently, may not be comparable with previously published data. Based on a Current Employment Statistics Program; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 127–141 and D 803, 878, 881, 884, and 890]

Item and year	Total	Nonagricultural establishments									Grouped industries	
		Manufacturing	Wholesale trade	Retail trade	Government	Services	Transportation and public utilities	Finance, insurance and real estate	Construction	Mining	Goods-related [1]	Service-related and all other
EMPLOYEES (1,000)												
1960	54,189	16,796	3,143	8,248	8,353	7,378	4,004	2,629	2,926	712	20,434	33,755
1965	60,765	18,062	3,466	9,250	10,074	9,036	4,036	2,977	3,232	632	21,926	38,839
1970	70,880	19,367	3,993	11,047	12,554	11,548	4,515	3,645	3,588	623	23,578	47,302
1975	76,945	18,323	4,415	12,645	14,686	13,892	4,542	4,165	3,525	752	22,600	54,345
1979	89,823	21,040	5,204	14,989	15,947	17,112	5,136	4,975	4,463	958	26,461	63,363
1980	90,406	20,285	5,275	15,035	16,241	17,890	5,146	5,160	4,346	1,027	25,658	64,748
1981	91,156	20,170	5,358	15,189	16,031	18,619	5,165	5,298	4,188	1,139	25,497	65,659
1982	89,566	18,781	5,278	15,179	15,837	19,036	5,082	5,341	3,905	1,128	23,813	65,752
1983	90,196	18,434	5,268	15,613	15,869	19,694	4,954	5,468	3,948	952	23,334	66,862
1984	94,461	19,412	5,550	16,584	15,984	20,761	5,171	5,682	4,345	974	24,730	69,731
1985, June [2]	97,486	19,382	5,766	17,435	16,140	21,891	5,318	5,909	4,649	976	25,007	72,459
PERCENT DISTRIBUTION												
1960	100.0	31.0	5.8	15.2	15.4	13.6	7.4	4.9	5.4	1.3	37.7	62.3
1965	100.0	29.7	5.7	15.2	16.6	14.9	6.7	4.9	5.3	1.0	36.1	63.9
1970	100.0	27.3	5.6	15.6	17.7	16.3	6.4	5.1	5.1	.9	33.3	66.7
1975	100.0	23.8	5.7	16.4	19.1	18.0	5.9	5.4	4.6	1.0	29.4	70.6
1979	100.0	23.4	5.8	16.7	17.8	19.0	5.7	5.5	5.0	1.1	29.5	70.5
1980	100.0	22.4	5.8	16.6	18.0	19.8	5.7	5.7	4.8	1.1	28.4	71.6
1981	100.0	22.1	5.9	16.7	17.6	20.4	5.7	5.8	4.6	1.3	28.0	72.0
1982	100.0	21.0	5.9	16.9	17.7	21.3	5.7	6.0	4.4	1.3	26.6	73.4
1983	100.0	20.4	5.8	17.3	17.6	21.8	5.5	6.1	4.4	1.1	25.9	74.1
1984	100.0	20.6	5.9	17.5	16.9	22.0	5.5	6.0	4.6	1.0	26.2	73.8
1985, June [2]	100.0	19.9	5.9	17.9	16.5	22.4	5.5	6.1	4.8	1.0	25.7	74.3
AVERAGE WEEKLY HOURS [3]												
1960	38.6	39.7	40.5	38.0	(NA)	(NA)	(NA)	37.2	36.7	40.4		
1965	38.8	41.2	40.8	36.6	(NA)	(NA)	41.3	37.2	37.4	42.3		
1970	37.1	39.8	39.9	33.8	(NA)	34.4	40.5	36.7	37.3	42.7		
1975	36.1	39.5	38.7	32.4	(NA)	33.5	39.7	36.5	36.4	41.9		
1979	35.7	40.2	38.8	30.6	(NA)	32.7	39.9	36.2	37.0	43.0		
1980	35.3	39.7	38.5	30.2	(NA)	32.6	39.6	36.2	37.0	43.3	(NA)	(NA)
1981	35.2	39.8	38.5	30.1	(NA)	32.6	39.4	36.3	36.9	43.7		
1982	34.8	38.9	38.3	29.9	(NA)	32.6	39.0	36.2	36.7	42.7		
1983	35.0	40.1	38.5	29.8	(NA)	32.7	39.0	36.2	37.1	42.5		
1984	35.3	40.7	38.6	30.0	(NA)	32.8	39.4	36.5	37.7	43.3		
1985, June [2]	35.2	40.4	38.9	29.9	(NA)	32.9	39.6	(4)	37.2	(4)		
AVERAGE WEEKLY EARNINGS [3]												
1960	$81	$90	$91	$58	(NA)	(NA)	(NA)	$75	$113	$105		
1965	95	108	106	67	(NA)	$74	$125	89	139	124		
1970	120	133	137	82	(NA)	97	156	113	195	164		
1975	164	191	183	109	(NA)	135	233	148	266	249		
1979	220	269	248	139	(NA)	175	326	191	343	365		
1980	235	289	266	147	(NA)	191	351	210	368	397	(NA)	(NA)
1981	255	318	291	158	(NA)	209	382	229	399	439		
1982	267	330	310	164	(NA)	226	402	245	427	460		
1983	281	354	329	171	(NA)	239	421	264	443	479		
1984	294	374	346	176	(NA)	251	438	278	457	504		
1985, June [2]	302	384	362	178	(NA)	262	450	292	458	512		
AVERAGE HOURLY EARNINGS												
1960	$2.09	$2.26	$2.24	$1.52	(NA)	(NA)	(NA)	$2.02	$3.07	$2.60		
1965	2.46	2.61	2.61	1.82	(NA)	$2.05	$3.03	2.39	3.70	2.92		
1970	3.23	3.35	3.44	2.44	(NA)	2.81	3.85	3.07	5.24	3.85		
1975	4.53	4.83	4.73	3.36	(NA)	4.02	5.88	4.06	7.31	5.95		
1979	6.16	6.70	6.39	4.53	(NA)	5.36	8.16	5.27	9.27	8.49		
1980	6.66	7.27	6.96	4.88	(NA)	5.85	8.87	5.79	9.94	9.17	(NA)	(NA)
1981	7.25	7.99	7.56	5.25	(NA)	6.41	9.70	6.31	10.82	10.04		
1982	7.68	8.49	8.09	5.48	(NA)	6.92	10.32	6.78	11.63	10.77		
1983	8.02	8.83	8.55	5.74	(NA)	7.31	10.79	7.29	11.94	11.28		
1984	8.33	9.18	8.96	5.88	(NA)	7.64	11.11	7.62	12.12	11.63		
1985, June [2]	8.57	9.51	9.31	5.94	(NA)	7.95	11.36	7.94	12.30	11.93		

NA Not available. [1] Mining, construction, and manufacturing. [2] Preliminary. Seasonally adjusted for payroll period including the 12th of the month. [3] See headnote, table 698. [4] Series not published seasonally adjusted.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 693. Employees in Nonagricultural Establishments—States: 1975 to 1984

[In thousands. For coverage, see headnote, table 692. National totals differ from the sum of the State figures because of differing benchmarks among States and differing industrial and geographic stratification. Based on 1972 *Standard Industrial Classification Manual*, see text, p. 386]

Division and State	1975, total	1980, total	1982, total	1983, total	1984							
					Total [1]	Construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services	Government
U.S	76,945	90,406	89,566	90,196	94,461	4,345	19,412	5,171	22,134	5,682	20,761	15,984
N. Eng	4,657	5,481	5,471	5,576	5,891	227	1,497	247	1,333	376	1,417	791
ME	357	418	416	425	446	19	110	19	102	20	91	84
NH [2]	293	385	394	410	441	26	123	15	105	24	91	58
VT	162	200	203	206	215	12	49	9	47	9	52	37
MA	2,273	2,652	2,638	2,693	2,852	96	676	123	658	177	751	370
RI	349	398	391	396	412	13	121	14	88	23	97	57
CT	1,223	1,427	1,430	1,447	1,526	61	419	67	334	123	336	186
Mid. Atl	13,966	15,021	14,912	15,000	15,543	560	3,179	880	3,397	1,140	3,825	2,515
NY	6,830	7,207	7,255	7,313	7,567	252	1,330	418	1,568	704	1,962	1,317
NJ	2,700	3,060	3,077	3,162	3,339	133	729	216	796	183	755	525
PA	4,436	4,753	4,580	4,524	4,647	176	1,120	246	1,033	254	1,108	672
E. No. Cent	15,190	16,728	15,806	15,739	16,300	521	4,195	814	3,811	889	3,440	2,556
OH	4,016	4,367	4,124	4,092	4,248	143	1,125	206	977	212	904	655
IN	1,942	2,130	2,028	2,030	2,131	81	621	106	493	104	387	330
IL	4,419	4,850	4,593	4,531	4,637	150	986	274	1,144	318	1,048	691
MI	3,137	3,443	3,193	3,223	3,343	89	946	139	744	154	697	567
WI	1,677	1,938	1,867	1,865	1,941	58	518	90	454	102	404	314
W. No. Cent	5,985	6,905	6,683	6,714	6,988	277	1,325	417	1,742	401	1,512	1,267
MN	1,474	1,770	1,707	1,718	1,824	68	374	97	460	106	418	292
IA	999	1,110	1,042	1,040	1,062	37	211	51	271	62	225	205
MO	1,741	1,970	1,922	1,937	2,015	82	431	134	480	114	435	333
ND	204	245	250	251	253	14	16	16	68	12	58	62
SD	209	238	230	235	245	9	29	12	65	13	58	57
NE	558	628	610	611	629	24	89	43	161	43	135	132
KS	801	945	921	922	961	42	177	64	238	52	184	186
So. Atl	12,104	14,695	14,759	15,168	16,112	963	3,071	876	3,752	884	3,406	3,068
DE	230	259	259	266	281	17	71	12	63	17	58	43
MD	1,479	1,712	1,676	1,724	1,802	115	218	90	449	104	441	384
DC [3]	577	616	598	597	612	11	15	26	63	35	204	258
VA	1,779	2,157	2,146	2,207	2,325	132	420	128	513	117	493	504
WV	575	646	608	582	595	22	91	40	131	23	108	132
NC	1,980	2,380	2,347	2,419	2,562	133	831	128	549	105	398	414
SC	983	1,189	1,162	1,188	1,270	82	378	56	262	54	197	240
GA	1,756	2,159	2,202	2,280	2,458	132	545	155	608	129	440	440
FL	2,746	3,576	3,762	3,906	4,208	319	502	243	1,114	299	1,068	653
E. So. Cent	4,411	5,143	4,970	4,997	5,222	228	1,332	265	1,161	238	930	991
KY	1,058	1,210	1,161	1,152	1,206	50	258	65	280	55	232	221
TN	1,506	1,747	1,706	1,723	1,809	76	498	89	415	86	345	293
AL	1,155	1,356	1,313	1,329	1,384	65	358	72	290	63	227	294
MS	692	829	791	793	823	38	219	39	176	34	126	184
W. So. Cent	7,236	9,310	9,807	9,671	10,000	634	1,566	599	2,457	598	1,925	1,788
AR	624	742	720	741	783	34	214	45	174	36	134	140
LA	1,250	1,579	1,607	1,565	1,597	119	182	118	381	83	312	321
OK	900	1,138	1,217	1,171	1,185	51	174	65	238	65	222	246
TX	4,463	5,851	6,263	6,194	6,437	430	997	371	1,614	415	1,258	1,082
Mt	3,423	4,502	4,586	4,651	4,903	316	601	293	1,175	284	1,149	956
MT	238	280	274	276	281	13	22	21	76	13	60	68
ID	273	330	312	318	326	13	54	19	82	24	62	68
WY	146	210	218	203	199	13	8	16	45	8	32	50
CO	964	1,251	1,317	1,327	1,385	88	192	86	340	93	305	244
NM	370	465	474	480	503	36	37	30	118	25	107	130
AZ	729	1,014	1,030	1,078	1,181	96	172	60	287	72	274	206
UT	440	551	561	567	601	35	94	36	141	30	121	131
NV	263	400	401	403	427	22	21	25	86	20	187	59
Pac	10,415	13,076	12,940	13,138	13,835	585	2,563	746	3,323	899	3,234	2,421
WA	1,226	1,608	1,569	1,585	1,640	77	285	90	403	95	350	339
OR	837	1,045	961	967	1,004	30	199	56	252	66	205	195
CA	7,847	9,849	9,810	9,966	10,553	443	2,047	549	2,512	695	2,528	1,730
AK	162	169	200	214	225	20	11	19	45	12	43	66
HI	343	405	399	406	413	16	22	32	111	32	109	92

[1] Includes mining, not shown separately. [2] Data for 1975 are not comparable with those for 1980 and subsequent years. [3] Represents Washington, DC metropolitan area.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. Compiled from data supplied by cooperating State agencies.

No. 694. Nonagricultural Industries—Number of Employees, and Number and Earnings of Production Workers: 1975 to 1984

[Annual averages of monthly figures. Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. For mining and manufacturing, data refer to production and related workers; for construction, to employees engaged in actual construction work; and for other industries, to nonsupervisory employees and working supervisors. See also headnote, table 692. See *Historical Statistics, Colonial Times to 1970*, series D 127-151, D 802-810, and D 877-892, for related data]

SIC [1] code	INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)			PRODUCTION WORKERS					
					Number (1,000)			Average hourly earnings (dollars)		
		1975	1980	1984	1975	1980	1984	1975	1980	1984
(X)	**Total**	**76,945**	**90,406**	**94,461**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	**Private sector** [2]	**62,259**	**74,166**	**78,477**	**50,991**	**60,331**	**63,576**	**4.53**	**6.66**	**8.33**
(B)	**Mining**	**752**	**1,027**	**974**	**571**	**762**	**693**	**5.95**	**9.17**	**11.63**
10	Metal mining	94	98	56	73	74	41	6.13	10.26	13.05
11, 12	Coal mining	213	246	197	182	204	160	[3] 7.22	[3] 10.86	[3] 14.80
13	Oil and gas extraction	329	560	613	223	389	409	5.38	8.59	10.72
14	Nonmetallic minerals, except fuels	117	123	109	92	96	83	4.95	7.52	9.86
(C)	**Construction**	**3,525**	**4,346**	**4,345**	**2,808**	**3,421**	**3,375**	**7.31**	**9.94**	**12.12**
15	General building contractors	1,012	1,173	1,158	799	900	859	6.78	9.22	10.88
16	Heavy construction contractors	760	927	765	615	746	624	6.81	9.20	11.87
17	Special trade contractors	1,753	2,246	2,422	1,394	1,776	1,893	7.87	10.65	12.79
(D)	**Manufacturing**	**18,323**	**20,285**	**19,412**	**13,043**	**14,214**	**13,310**	**4.83**	**7.27**	**9.18**
(X)	**Durable goods**	**10,688**	**12,187**	**11,522**	**7,557**	**8,442**	**7,749**	**5.15**	**7.75**	**9.74**
24	Lumber and wood products, except furniture [4]	615	691	707	517	578	592	4.26	6.55	8.03
241	Logging camps and logging contractors	74	88	89	59	71	70	5.28	8.64	10.69
242	Sawmills and planing mills	202	215	203	180	190	180	4.34	6.70	8.42
243	Millwork, plywood, and structural members	166	200	220	137	164	184	4.26	6.41	7.80
244	Wood containers	39	43	41	34	37	35	3.37	4.95	5.69
25	Furniture and fixtures [4]	417	466	487	337	376	391	3.76	5.49	6.65
251	Household furniture	284	301	295	238	253	247	3.54	5.12	6.30
252	Office furniture	37	50	64	28	40	49	4.16	5.91	7.57
254	Partitions and fixtures	51	63	67	38	47	50	4.62	6.68	8.27
32	Stone, clay, and glass products [4]	629	682	595	499	513	457	4.92	7.50	9.57
321	Flat glass	18	18	16	14	14	13	6.08	9.65	12.98
322	Glass and glassware, pressed [5]	127	124	99	108	105	84	4.99	7.97	10.46
324	Cement, hydraulic	31	31	25	24	25	19	6.36	10.55	13.47
325	Structural clay products	48	46	38	39	34	29	4.01	6.14	7.72
326	Pottery and related products	43	46	39	36	38	31	4.13	6.26	8.13
327	Concrete, gypsum, and plaster products	190	204	199	148	157	154	4.99	7.45	9.44
33	Primary metal industries [4]	1,139	1,142	858	887	878	652	6.18	9.77	11.47
331	Blast furnace and basic steel products	548	512	334	428	396	256	6.94	11.39	12.99
332	Iron and steel foundries	230	209	149	190	167	118	5.45	8.20	10.18
333	Primary nonferrous metals	66	71	52	51	53	38	6.24	10.63	13.43
335	Nonferrous rolling and drawing	181	211	193	129	151	137	5.54	8.81	10.99
336	Nonferrous foundries	76	90	87	62	72	70	4.93	7.30	9.18
34	Fabricated metal products [4]	1,458	1,613	1,464	1,090	1,195	1,079	5.05	7.45	9.38
341	Metal cans and shipping containers	79	75	58	67	63	49	6.26	9.84	12.51
342	Cutlery, hand tools, and hardware	153	164	148	116	125	111	4.76	7.02	9.30
343	Plumbing and heating, exc. electric	61	70	63	43	50	45	4.50	6.62	8.40
344	Fabricated structural metal products	455	513	437	322	355	299	4.99	7.26	8.87
345	Screw machine products, bolts, etc	93	109	97	72	84	74	4.80	6.96	8.83
346	Metal forgings and stampings	249	264	250	198	207	201	5.65	8.56	10.92
35	Machinery, except electrical [4]	2,057	2,494	2,197	1,339	1,602	1,328	5.37	8.00	9.96
351	Engines and turbines	120	135	115	76	87	71	6.03	9.73	12.87
352	Farm and garden machinery	161	169	110	114	116	74	5.92	8.78	9.69
353	Construction and related machinery	342	389	257	230	255	158	5.62	8.60	10.70
354	Metalworking machinery	307	373	306	222	273	217	5.49	8.18	10.16
355	Special industry machinery	184	207	168	117	139	100	5.03	7.51	9.73
356	General industrial machinery	290	324	273	192	212	174	5.40	7.98	9.77
357	Office and computing machines	286	432	526	122	186	208	4.82	6.74	8.94
358	Refrigeration and service industry	144	174	171	97	120	120	4.91	7.23	9.75
36	Electric and electronic equipment [4]	1,702	2,091	2,208	1,091	1,328	1,354	4.64	6.94	9.04
361	Electric distributing equipment	114	123	116	79	86	84	4.84	6.96	8.70
362	Electrical industrial apparatus	212	240	206	148	169	146	4.69	7.12	9.13
363	Household appliances	161	163	150	124	129	119	4.60	6.95	8.98
364	Electric lighting and wiring equipment	181	209	201	136	156	147	4.35	6.42	8.42
365	Radio and TV receiving equipment	112	109	91	80	79	63	4.20	6.42	8.86
366	Communication equipment	457	541	617	221	267	282	5.25	7.93	10.79
367	Electronic components and access	338	554	673	207	334	403	3.91	6.05	7.86
37	Transportation equipment [4]	1,715	1,900	1,906	1,154	1,233	1,218	6.07	9.35	12.22
371	Motor vehicles and equipment	792	789	860	602	575	663	6.44	9.85	12.74
372	Aircraft and parts	514	652	596	271	355	286	6.00	9.28	12.36
373	Ship and boat building and repairs	194	221	194	160	176	147	5.23	8.22	10.26
374	Railroad equipment	57	71	35	44	53	24	6.02	9.93	12.40

See footnotes at end of table.

No. 694. Nonagricultural Industries—Number of Employees, and Number and Earnings of Production Workers, 1975 to 1984—Continued

[See headnote, p. 412]

SIC[1] code	Industry	All employees, number (1,000)			Production workers					
					Number (1,000)			Average hourly earnings (dollars)		
		1975	1980	1984	1975	1980	1984	1975	1980	1984
38	Instruments and related products	550	711	714	332	426	398	4.53	6.80	8.85
381	Engineering and scientific instruments	62	77	80	31	37	36	4.82	7.12	9.44
382	Measuring and controlling devices	170	245	250	103	154	144	4.43	6.85	8.76
383	Optical instruments and lenses	58	33	35	39	18		3.75	7.32	9.92
384	Medical instruments and supplies	109	156	172	74	101	104	4.02	5.80	7.76
385	Ophthalmic goods		44	40		31		3.75	5.30	6.59
386	Photographic equipment and supplies	121	135	124	61	67	59	5.70	8.83	11.49
387	Watches, clocks, and watchcases	30	22	15	24	17	10	3.69	5.24	6.59
39	Misc. manufacturing industries[4]	407	418	384	311	313	280	3.81	5.46	7.04
391	Jewelry, silverware, plated ware	52	56	55	38	40	38	4.00	5.76	7.60
394	Toys and sporting goods	116	117	111	90	88	82	3.48	5.01	6.46
395	Pens, pencils, office/art supplies	33	37	32	23	27	22	3.80	5.58	7.39
396	Costume jewelry and notions	57	51	41	46	41	31	3.29	4.71	5.76
(x)	**Nondurable goods**	**7,635**	**8,098**	**7,890**	**5,465**	**5,772**	**5,561**	**4.37**	**6.55**	**8.37**
20	Food and kindred products[4]	1,658	1,708	1,619	1,120	1,175	1,124	4.61	6.85	8.38
201	Meat products	336	358	357	274	298	299	4.80	6.99	7.25
202	Dairy products	194	175	163	99	96	95	4.60	6.86	8.77
203	Preserved fruits and vegetables	242	256	236	200	210	195	4.00	5.94	7.65
204	Grain mill products	138	144	130	95	99	88	4.95	7.67	10.11
205	Bakery products	232	225	211	132	131	126	4.67	7.21	9.37
206	Sugar and confectionery products	107	106	101	82	79	78	4.45	6.57	8.34
207	Fats and oils	41	44	37	29	32	27	4.82	7.03	8.91
208	Beverages	221	234	215	106	105	91	5.44	8.12	10.86
21	Tobacco manufactures	76	69	65	62	54	49	4.55	7.74	11.27
211	Cigarettes	44	46	45	36	35	34	5.55	9.23	13.62
22	Textile mill products[4]	868	848	746	752	737	646	3.42	5.07	6.46
221	Weaving mills, cotton	158	150	119	143	135	107	3.42	5.25	6.75
222	Weaving mills, synthetic	113	116	100	100	104	89	3.48	5.30	6.94
223	Weaving and finishing mills, wool	20	19	18	16	16	15	3.51	5.21	6.82
224	Narrow fabric mills	23	23	23	20	20	20	3.24	4.63	6.12
225	Knitting mills	225	220	204	193	191	178	3.29	4.76	5.90
226	Textile finishing, except wool	81	74	68	69	62	57	3.71	5.39	6.81
227	Floor covering mills	55	54	53	45	44	43	3.47	5.20	6.59
228	Yarn and thread mills	125	125	106	114	113	94	3.18	4.76	6.06
23	Apparel and other textile products[4]	1,243	1,264	1,197	1,067	1,079	1,012	3.17	4.56	5.55
231	Men's and boys' suits and coats	88	77	72	76	67	63	3.84	5.34	6.52
232	Men's and boys' furnishings	358	362	338	306	310	290	2.86	4.23	5.08
233	Women's and misses outerwear	404	417	387	352	360	326	3.23	4.61	5.47
234	Undergarments[5]	94	90	86	81	76	72	2.90	4.15	5.08
236	Children's outerwear	66	64	64	57	55	54	2.94	4.20	4.95
238	Misc. apparel, accessories	58	56	46	50	48	38	3.09	4.48	5.37
26	Paper and allied products	642	693	681	480	523	512	5.01	7.84	10.41
261, 2, 6	Paper and pulp mills	197	203	201	150	152	151	5.54	9.15	12.42
263	Paperboard mills	61	65	57	48	51	44	5.74	9.26	12.99
264	Misc. converted paper products	191	220	226	134	163	165	4.57	6.89	9.08
265	Paperboard containers and boxes	194	205	197	148	157	151	4.59	6.94	8.91
27	Printing and publishing[4]	1,083	1,252	1,372	624	699	756	5.38	7.53	9.40
271	Newspapers	377	420	441	168	164	166	5.81	7.72	9.51
272	Periodicals	68	90	107	12	16	24	5.13	7.16	10.06
273	Books	98	101	102	48	52	50	4.64	6.76	8.50
275	Commercial printing	348	414	468	262	307	343	5.46	7.85	9.69
278	Blankbooks and bookbinding	55	62	69	45	51	56	4.10	5.78	7.38
28	Chemicals and allied products[4]	1,015	1,107	1,048	580	626	582	5.39	8.30	11.08
281	Industrial inorganic chemicals	149	161	143	90	87	73	5.73	9.07	12.30
282	Plastics materials and synthetics	218	205	177	136	137	117	5.28	8.21	11.10
283	Drugs	167	196	206	84	97	96	5.18	7.69	10.23
284	Soap, cleaners, and toilet goods	122	141	145	73	86	93	5.15	7.67	9.89
285	Paints and allied products	62	65	62	33	33	30	5.01	7.39	9.75
287	Agricultural chemicals	65	72	61	42	45	38	4.93	8.12	10.73
29	Petroleum and coal products[4]	194	198	189	123	125	111	6.48	10.10	13.43
291	Petroleum refining	153	155	151	93	93	84	6.93	10.94	14.57
295	Paving and roofing materials	30	31	27	23	24	20	5.24	7.69	10.00
30	Rubber and misc. plastics products	608	727	782	465	559	609	4.39	6.52	8.29
301	Tires and inner tubes	124	115	95	90	81	67	5.63	9.74	12.94
31	Leather and leather products[4]	248	239	192	213	197	160	3.21	4.58	5.70
311	Leather tanning and finishing	22	19	17	19	16	14	4.28	6.10	7.44
314	Footwear except rubber	158	144	116	136	123	99	3.08	4.42	5.43
317	Handbags, personal leather goods	31	30	25	26	25	21	3.11	4.33	5.52

See footnotes at end of table.

No. 694. Nonagricultural Industries—Number of Employees, and Number and Earnings of Production Workers, 1975 to 1984—*Continued*

[See headnote, p. 412]

SIC[1] code	Industry	All employees, number (1,000)			Production workers					
					Number (1,000)			Average hourly earnings (dollars)		
		1975	1980	1984	1975	1980	1984	1975	1980	1984
(E)	**Transp. and public utilities**[4]	**4,542**	**5,146**	**5,171**	**3,894**	**4,293**	**4,270**	**5.88**	**8.67**	**11.11**
40	Railroad transportation	548	532	369	(7)	(7)	(7)	(7)	(7)	(7)
4011	Class I railroads[8]	498	482	342	(NA)	(NA)	(NA)	[9] 6.05	[9] 9.92	[9] 13.33
41	Local and interurban passenger transit	270	265	269	*253*	*244*	*249*	*4.15*	*6.34*	*7.59*
42	Trucking and warehousing	1,108	1,280	1,324	976	1,121	1,154	6.00	9.13	10.49
45	*Air transportation*	326	404	435	(7)	(7)	(7)	(7)	(7)	(7)
46	Pipelines, except natural gas	18	21	19	13	15	14	6.89	10.50	14.75
47	Transportation services	134	198	256	(7)	(7)	(7)	(7)	(7)	(7)
48	Communication[4]	1,176	1,357	1,343	911	1,014	1,020	5.54	8.50	11.26
481	Telephone communication	967	1,072	954	740	779	713	5.61	8.72	11.91
483	Radio and television broadcasting	155	200	232	124	160	187	5.10	7.44	9.68
49	Electric, gas, and sanitary services[4]	731	827	899	613	677	717	6.03	8.90	12.19
491	*Electric services*	323	391	442	267	316	346	6.06	9.12	12.28
492	Gas production and distribution	162	168	172	135	138	136	5.50	8.27	11.13
493	Combination utility services	187	197	200	160	162	162	6.74	9.64	14.18
495	Sanitary services	38	49	59	34	43	52	4.84	7.04	9.31
(F)	**Wholesale trade**	**4,415**	**5,275**	**5,550**	**3,637**	**4,312**	**4,469**	**4.73**	**6.96**	**8.96**
(G)	**Retail trade**[4]	**12,645**	**15,035**	**16,584**	**11,387**	**13,500**	**14,853**	**3.36**	**4.88**	**5.88**
53	General merchandise stores	*2,113*	*2,245*	*2,278*	*1,944*	*2,090*	2,133	3.21	4.77	5.65
54	*Food stores*	2,007	2,384	2,655	1,854	2,202	2,467	4.08	6.24	7.65
56	Apparel and accessory stores	806	957	1,002	705	820	846	3.03	4.30	5.14
57	Furniture and home furnishings stores	517	606	675	436	502	564	3.99	5.53	6.95
58	Eating and drinking places	3,380	4,626	5,403	3,147	4,256	4,948	2.55	3.69	4.33
(H)	**Finance, insurance, real estate**	**4,165**	**5,160**	**5,682**	**3,173**	**3,907**	**4,224**	**4.06**	**5.79**	**7.62**
60	Banking	1,274	1,571	1,676	1,009	1,210	1,243	3.52	4.94	6.56
61	Credit agencies other than banks	*432*	*570*	*698*	*329*	*431*	531	3.71	5.12	6.86
62	Security, commodities brokers, services	170	227	340	(7)	(7)	(7)	(7)	(7)	(7)
63	Insurance carriers	1,085	1,224	1,293	751	854	835	4.35	6.29	8.46
64	Insurance agents, brokers, services	339	452	519	(7)	(7)	(7)	(7)	(7)	(7)
65	Real estate	748	981	1,059	(7)	(7)	(7)	(7)	(7)	(7)
66, 67	Other finance, insurance, real estate	117	135	156	(7)	(7)	(7)	(7)	(7)	(7)
(I)	**Services**[4]	**13,892**	**17,890**	**20,761**	**12,479**	**15,921**	**18,382**	**4.02**	**5.85**	**7.64**
70	Hotels and other lodging places	898	1,076	1,271	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
701	*Hotels, motels, and tourist courts*	*850*	*1,038*	*1,226*	787	954	1,110	2.79	4.45	5.44
72	Personal services[4]	861	901	1,024	(7)	(7)	(7)	(7)	(7)	(7)
721	Laundry, cleaning, garment services	367	356	366	328	318	327	2.97	4.47	5.61
723	Beauty shops	266	284	324	244	264	295	3.17	4.26	5.67
73	Business services[4]	2,042	3,092	4,076	1,778	2,698	3,555	4.16	6.02	7.93
731	Advertising	122	153	183	92	116	139	5.83	8.07	10.55
736	Personnel supply services[4]	251	563	828	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
7361	Employment agencies	(NA)	(NA)	160	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
7362	*Temporary help supply services*	(NA)	(NA)	631	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
737	Computer, data process. services[4]	143	304	474	120	254	397	5.26	7.16	10.66
7372	Computer programming and software	(NA)	(NA)	163	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
7374	Data processing services	(NA)	(NA)	232	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
75	Auto repair, services, garages	439	571	683	379	486	577	3.99	6.10	7.15
753	Automobile repair shops	265	350	425	228	297	354	4.37	6.52	7.72
78	Motion pictures	206	217	220	161	191	189	4.26	7.88	11.46
783	Motion picture theaters	131	124	109	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
79	Amusement, *recreation services*	*597*	*764*	801	543	692	723	3.64	5.52	6.78
80	*Health services*[4]	4,134	5,278	6,104	3,725	4,712	5,466	3.81	5.68	7.75
805	Nursing, personal *care facilities*	*759*	997	1,145	691	898	1,036	2.84	4.17	5.40
806	Hospitals	2,274	2,750	2,994	2,074	2,522	2,735	4.02	6.06	8.57
81	Legal services	340	498	650	304	427	551	5.11	7.35	9.87
82	Educational services	1,001	1,138	1,247	(7)	(7)	(7)	(7)	(7)	(7)
83	Social services	690	1,134	1,241	(7)	(7)	(7)	(7)	(7)	(7)
86	Membership organizations	1,452	1,539	1,501	(7)	(7)	(7)	(7)	(7)	(7)
(J)	**Government**	**14,686**	**16,241**	**15,984**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	Federal government	2,748	2,866	2,807	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	State government	3,179	3,610	3,712	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	Local government	8,758	9,765	9,465	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. [1] Standard Industrial Classification, see text, p. 388. [2] Excludes government. [3] 11-month average. [4] Includes industries not shown separately. [5] Includes blown. [6] *Women's and children's.* [7] Included in "Private sector" *total; not available separately.* [8] For changes in "Class I" classification, see text, p. 588. [9] Includes *all employees* except executives, officials, and staff assistants who received pay during the month.

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

NO. 695. INDEXES OF OUTPUT PER HOUR FOR ALL EMPLOYEES—SELECTED INDUSTRIES: 1970 TO 1983

[See text, p. 388. Minus sign (—) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series W 14, 17, and 19, W 30-54, and W 62-65]

SIC [1] code	INDUSTRY	INDEXES (1977=100)								AVERAGE ANNUAL PERCENT CHANGE [2]	
		1970	1975	1978	1979	1980	1981	1982	1983, prel.	1970-1983	1978-1983
(B)	**Mining:**										
1011	Iron (usable ore)	111.1	117.8	119.2	125.6	127.5	136.8	104.0	146.9	1.1	1.6
1021	Copper (recoverable metal)	85.5	77.2	107.6	97.8	91.3	97.2	115.4	127.9	2.8	4.2
111, 121	Coal	114.1	105.3	106.4	99.4	112.5	122.2	119.1	135.6	−.7	5.4
14	Nonmetallic minerals [3]	89.7	90.6	104.6	102.4	96.2	95.0	89.8	96.9	.5	−2.2
(D)	**Manufacturing:**										
2011, 2013	Red meat products	77.3	84.4	98.7	101.7	107.0	107.9	107.7	113.2	3.1	2.5
2026	Fluid milk	73.7	95.5	108.0	116.3	124.8	129.3	137.0	146.2	5.1	6.0
203	Preserved fruits, vegetables	79.7	93.7	104.4	99.3	101.2	99.6	107.6	(NA)	(NA)	(NA)
204	Grain mill products	79.7	87.1	100.4	102.2	107.1	112.9	(NA)	(NA)	(NA)	(NA)
205	Bakery products	87.5	93.4	97.2	94.1	92.3	94.3	100.4	(NA)	(NA)	(NA)
2082	Malt beverages	56.7	86.1	100.0	107.4	112.1	113.0	115.8	122.1	6.2	3.6
2086	Bottled, canned soft drinks	70.0	87.2	104.5	105.6	109.8	114.3	118.3	126.4	4.7	3.9
2111, 21, 31	Tobacco products	86.8	93.9	102.8	102.2	102.2	100.6	100.8	100.6	1.2	−.5
2251, 52	Hosiery	65.5	94.3	101.4	106.5	105.3	118.9	110.3	107.1	4.8	1.4
2281	Nonwool yarn mills	84.3	101.2	104.2	103.9	99.8	103.2	119.6	(NA)	(NA)	(NA)
2421	Sawmills, planing mills	90.0	98.8	101.4	96.7	101.8	104.5	117.6	118.6	1.2	4.1
2431	Millwork	95.9	100.2	90.4	92.3	93.9	96.9	87.0	(NA)	(NA)	(NA)
2435, 36	Veneer and plywood	83.2	97.8	101.7	94.6	102.7	106.7	110.5	(NA)	(NA)	(NA)
251	Household furniture	82.2	97.5	104.6	101.3	99.7	102.6	105.0	113.4	1.7	1.6
252	Office furniture	78.2	85.5	100.1	107.3	112.5	109.1	108.6	(NA)	(NA)	(NA)
2611, 21, 31, 61	Paper, paperboard, pulp mills	77.5	86.7	103.2	105.4	105.2	104.4	106.2	115.8	2.7	1.7
2643	Paper, plastic bags	75.8	99.8	99.9	97.6	94.0	91.7	94.5	(NA)	(NA)	(NA)
2653	Corrugated, solid fiber boxes	73.1	96.2	103.5	107.1	111.3	110.2	113.0	118.8	3.6	2.4
2823, 24	Synthetic fibers	53.8	84.5	105.2	115.0	115.7	120.9	109.0	132.4	6.2	3.0
2834	Pharmaceuticals	74.8	92.5	99.0	106.4	107.3	106.1	109.6	(NA)	(NA)	(NA)
2841	Soaps, detergents	83.9	97.3	105.2	104.0	108.4	105.9	99.5	(NA)	(NA)	(NA)
2844	Cosmetics	65.9	94.0	99.3	93.1	82.5	74.9	81.9	(NA)	(NA)	(NA)
2851	Paints, allied products	74.9	94.2	104.7	105.7	102.1	101.5	108.0	119.3	2.8	2.1
2911	Petroleum refining	73.8	88.7	101.3	94.9	94.2	83.7	82.5	86.9	.8	−3.7
3011	Tires, inner tubes	87.6	91.8	108.8	109.5	105.6	123.2	134.8	147.7	3.3	6.8
3079	Miscellaneous plastics	(NA)	86.2	100.8	94.8	95.7	98.5	111.2	(NA)	(NA)	(NA)
314	Footwear	100.3	101.3	102.5	100.2	99.1	95.6	97.3	102.0	−.1	−.4
3221	Glass containers	87.2	98.5	101.4	106.7	112.0	118.7	117.8	120.0	2.6	3.5
3271, 72	Concrete products	82.3	91.9	98.6	94.6	93.2	92.5	96.8	(NA)	(NA)	(NA)
3273	Ready-mixed concrete	91.1	97.5	103.1	99.9	93.1	95.4	90.4	(NA)	(NA)	(NA)
331	Steel	87.6	93.3	108.3	106.9	102.9	112.0	90.9	116.1	1.1	−.2
3321	Gray iron foundries	79.8	97.0	102.1	96.8	90.8	92.5	95.3	111.9	1.9	1.2
3353, 54, 55	Aluminum rolling, drawing	66.0	87.5	104.6	101.5	101.9	99.4	105.1	116.8	3.2	1.8
3411	Metal cans	78.8	87.0	102.3	103.6	102.6	108.1	119.0	130.0	3.8	4.9
3441	Fabricated structural metal	102.2	97.4	100.4	102.0	101.9	98.3	101.4	(NA)	(NA)	(NA)
3494	Valves, pipe fittings	93.6	92.4	100.9	104.3	101.4	103.5	100.4	(NA)	(NA)	(NA)
352	Farm, garden machinery	75.7	97.7	101.0	103.3	96.3	98.6	98.5	(NA)	(NA)	(NA)
3531	Construction machinery, equipment	83.4	93.9	105.8	100.3	97.4	96.1	89.0	(NA)	(NA)	(NA)
3519	Internal combustion engines	76.4	86.7	105.4	98.8	94.8	94.4	87.0	(NA)	(NA)	(NA)
3541, 42	Machine tools	91.7	103.0	102.5	101.9	98.7	96.5	93.2	85.3	−1.1	−7.0
3545	Machine tool accessories	82.0	100.9	104.0	101.7	100.3	103.7	91.5	(NA)	(NA)	(NA)
3561, 63	Pumps and compressors	85.8	91.4	103.3	102.5	101.3	102.7	97.7	(NA)	(NA)	(NA)
3585	Refrigeration, heating equipment	88.4	89.9	100.6	102.2	95.0	101.1	101.7	(NA)	(NA)	(NA)
3612	Transformers	89.1	89.3	103.4	108.5	110.8	107.1	102.6	99.3	1.2	−1.1
3613	Switchgear, switchboard apparatus	83.3	93.4	102.4	102.7	102.6	98.4	103.5	101.8	1.1	−.1
3621	Motors, generators	87.8	93.0	98.6	97.9	94.9	97.7	100.1	94.4	.3	−.3
3631, 2, 3, 9	Major household appliances	70.2	93.6	100.5	108.9	105.9	108.1	110.5	129.9	3.5	3.9
3645, 6, 7, 8	Lighting fixtures	78.1	89.2	100.6	95.0	93.9	89.4	92.6	(NA)	(NA)	(NA)
3651	Radio and TV sets	70.6	90.1	113.1	118.2	116.4	132.8	157.9	(NA)	(NA)	(NA)
371	Motor vehicles, equipment	70.5	87.7	99.7	98.5	92.2	95.0	99.7	113.9	2.5	2.1
3825	Instruments to measure electricity	(NA)	95.9	100.3	99.0	106.3	109.1	114.7	(NA)	(NA)	(NA)
(E, G, H, I)	**Transportation, utilities, trade:**										
401	RR transport (revenue traffic) [4]	77.7	89.5	104.5	104.7	107.3	111.5	115.8	142.4	3.5	5.5
Pts of 4111, 31, 414	Bus carriers [5]	107.3	97.0	96.7	98.3	100.8	90.9	90.0	84.1	−1.6	−3.0
4213 pt.	Intercity trucking [6]	83.5	89.2	99.8	98.6	94.3	98.7	93.3	(NA)	(NA)	(NA)
4511	Air transportation [6]	71.4	87.6	109.3	113.1	106.2	104.9	114.7	126.0	3.9	2.1
4612, 13	Petroleum pipelines	79.5	95.7	101.7	101.7	93.0	86.0	89.2	91.2	.5	−2.9
4811	Telephone communications	62.1	85.9	105.8	110.8	118.1	124.4	129.1	145.5	6.6	6.2
491, 92, 93	Gas and electric utilities	84.6	95.7	98.2	97.6	96.2	94.4	89.5	88.4	0.3	−2.3
54	Retail food stores [7]	109.8	100.7	95.7	98.0	100.8	98.2	96.9	97.1	−1.0	(Z)
5511	Franchised new car dealers	86.1	95.0	98.6	94.6	99.5	96.6	97.4	102.2	.8	.7
5541	Gasoline service stations [7]	75.3	85.6	104.3	109.5	107.9	110.8	118.0	121.5	3.8	2.9
56	Apparel, accessory stores [7]	82.2	105.3	110.0	112.0	116.4	122.0	123.8	125.2	3.1	2.9
58	Eating, drinking places [7]	101.0	101.0	99.3	99.2	99.4	96.8	96.1	98.4	−.3	−.5
5912	Drug, proprietary stores [7]	83.4	94.2	102.3	102.9	105.6	105.8	105.6	104.8	1.8	.6
602	Commercial banking	85.5	90.0	101.2	99.3	92.7	91.8	96.2	(NA)	(NA)	(NA)
7011	Hotels, motels, tourist courts [7]	85.1	89.7	103.1	102.4	98.6	96.2	93.6	94.3	1.3	−2.1
721	Laundry, cleaning services [7]	95.5	96.9	100.6	94.1	87.8	85.1	88.6	88.1	−1.0	−2.5

NA Not available. Z Less than .05 percent. [1] Standard Industrial Classification code; see text p. 388. [2] For explanation of average annual percent change, see source. [3] Excludes fuels. [4] Class 1 line-haul railroads and switching and terminal companies. [5] Class 1 interstate carriers regulated by the ICC. [6] Refers to output per employee. [7] Data relate to all persons (paid employees, unpaid family workers, and the self-employed).

Source: U.S. Bureau of Labor Statistics, Bulletin 2224, *Productivity Measures for Selected Industries, 1954-83*, and unpublished data.

NO. 696. INDEXES OF PRODUCTIVITY AND RELATED MEASURES: 1960 TO 1984

[See text, p. 388. Minus sign (–) indicates decrease. See August 1984 issue of source for revised data. See also *Historical Statistics, Colonial Times to 1970*, series D 689–704 and W 22–25]

ITEM	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
INDEXES (1977=100)										
Output,[1] business sector	53.5	67.8	78.4	88.2	107.8	106.5	109.2	106.3	110.0	120.8
Nonfarm business	52.5	67.2	78.0	87.8	108.0	106.5	108.7	105.9	111.2	120.7
Manufacturing	50.7	69.8	77.0	85.4	108.2	103.5	106.1	99.3	104.4	115.3
Hours,[2] business sector	82.0	86.6	90.0	93.2	108.6	107.8	108.4	105.4	107.1	112.9
Nonfarm business	76.9	83.5	89.8	92.6	109.0	108.3	109.0	106.0	107.5	113.6
Manufacturing	84.4	93.6	97.3	91.4	106.5	101.7	101.1	92.7	93.5	99.8
Output per paid hour, business sector	65.2	78.3	86.2	94.6	99.3	98.8	100.7	100.9	103.7	107.0
Nonfarm business	66.3	80.5	86.8	94.8	99.0	98.3	99.8	100.0	103.4	106.2
Manufacturing	60.0	74.6	79.2	93.4	101.6	101.7	104.9	107.1	111.6	115.6
Compensation per hour,[3] business sector	33.9	41.7	58.2	85.6	118.7	131.1	143.4	155.0	161.7	168.6
Nonfarm business	35.7	42.8	58.7	86.1	118.4	130.6	143.1	154.5	162.0	168.7
Manufacturing	36.7	42.8	57.6	85.5	118.8	132.7	145.2	158.0	163.4	169.4
Real hourly compensation,[3] business sector	69.5	80.1	90.8	96.4	99.1	96.4	95.5	97.3	98.4	98.4
Nonfarm business	73.1	82.3	91.5	96.9	98.8	96.0	95.3	97.0	98.6	98.4
Manufacturing	75.1	82.3	89.8	96.2	99.2	97.6	96.8	99.2	99.4	98.8
Unit labor costs,[4] business sector	52.1	53.3	67.5	90.5	119.5	132.6	142.4	153.6	156.0	157.6
Nonfarm business	52.3	53.2	67.6	90.8	119.5	132.8	143.5	154.5	156.6	158.8
Manufacturing	61.1	57.5	72.7	91.5	117.0	130.5	138.4	147.6	146.4	146.5
ANNUAL PERCENT CHANGE[5]										
Output,[1] business sector	1.6	6.8	–.8	–2.0	2.3	–1.2	2.5	–2.6	3.5	9.8
Nonfarm business	1.5	6.9	–1.0	–2.2	2.2	–1.4	2.1	–2.6	5.0	8.5
Hours,[2] business sector	.2	3.2	–1.6	–4.1	3.5	–.7	.6	–2.8	1.6	5.4
Nonfarm business	.6	3.7	–1.3	–4.1	3.7	–.6	.6	–2.8	1.5	5.7
Output per paid hour, business sector	1.5	3.5	.8	2.2	–1.2	–.5	1.9	.2	2.7	3.2
Nonfarm business	.8	3.1	.3	2.0	–1.5	–.7	1.5	.2	3.5	2.7
Compensation per hour,[3] business sector	4.2	3.9	7.3	9.6	9.4	10.4	9.4	8.1	4.3	4.2
Nonfarm business	4.3	3.4	7.0	9.6	9.0	10.3	9.6	8.0	4.9	4.1
Real hourly compensation,[3] business sector	2.6	2.2	1.3	.5	–1.7	–2.7	–.9	1.9	1.1	–
Nonfarm business	2.7	1.7	1.0	.4	–2.0	–2.8	–.7	1.7	1.6	–.1
Unit labor costs,[4] business sector	2.7	.3	6.4	7.3	10.7	11.0	7.3	7.9	1.6	1.0
Nonfarm business	3.5	.3	6.6	7.5	10.7	11.1	8.0	7.7	1.4	1.4

– Represents zero. [1] Refers to gross domestic product originating in the sector, in 1972 prices. [2] Hours of all persons engaged in the business and nonfarm business sectors (employees, proprietors, and unpaid family workers); employees' and proprietors' hours in manufacturing. [3] Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of same for self-employed. Real compensation deflated by the consumer price index for all urban consumers, see text, p. 467. [4] Hourly compensation divided by output per paid hour. [5] All changes are from the immediately prior year.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

NO. 697. AVERAGE ANNUAL TOTAL COMPENSATION AND WAGES AND SALARIES PER FULL-TIME EQUIVALENT EMPLOYEE, BY INDUSTRY: 1970 TO 1983

[In dollars, except percent. Wage and salary payments include executives' compensation, bonuses, tips, and payments in kind; total compensation includes, in addition to wages and salaries, employer contributions for social insurance, employer contributions to private pension and welfare funds, directors' fees, jury and witness fees, etc. See *Historical Statistics, Colonial Times to 1970* series D 739–764 and D 893–904, for related but not comparable data]

INDUSTRY	ANNUAL TOTAL COMPENSATION					ANNUAL WAGES AND SALARIES				
	1970	1975	1980	1982	1983	1970	1975	1980	1982	1983
All domestic industries	**8,644**	**12,516**	**18,612**	**21,970**	**23,287**	**7,750**	**10,836**	**15,785**	**18,488**	**19,460**
Average annual percent change[1]	6.3	7.7	8.3	8.7	6.0	5.9	6.9	7.8	8.2	5.3
Agriculture, forestry, fisheries	4,530	6,232	10,382	12,043	12,540	4,218	5,629	9,163	10,605	11,014
Mining	10,891	17,495	27,788	33,955	35,736	9,445	14,765	23,440	28,545	29,793
Construction	10,778	15,130	21,283	25,295	25,814	9,810	13,448	18,573	21,862	21,968
Manufacturing	9,585	14,234	22,055	25,921	27,582	8,380	11,903	17,966	21,053	22,170
Transportation	10,800	16,060	24,744	28,552	29,721	9,403	13,534	20,677	23,516	24,292
Communication	10,854	17,698	27,607	34,173	36,933	8,751	13,726	21,388	26,033	27,647
Electric, gas, sanitary services	11,709	17,548	27,182	33,605	36,590	10,022	14,314	21,917	26,616	28,570
Wholesale trade	10,073	14,427	21,484	24,971	26,266	9,193	12,928	18,822	21,693	22,687
Retail trade	6,464	8,875	12,459	14,182	14,895	5,914	7,921	10,953	12,350	12,914
Finance, insurance, real estate	8,860	12,504	18,831	22,728	25,027	7,821	10,618	15,864	18,939	20,725
Services	8,900	10,108	15,246	18,581	19,843	6,394	9,066	13,470	16,208	17,220
Government and government enterprises	8,813	13,071	18,762	22,470	24,216	8,011	11,451	15,939	18,917	20,263

[1] Represents average for period of intervals shown; for 1970, change from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 698. Gross, Average Hourly and Weekly Earnings in Current and Constant (1977) Dollars, by Industry Group: 1970 to 1985

[For private industry only; weekly earnings includes overtime. Data are for production and related workers in mining and manufacturing, construction, and nonsupervisory employees in other industries. Excludes agriculture. See headnote, table 692. See also *Historical Statistics, Colonial Times to 1970*, series D 877-892]

Industry group	Current dollars						Constant (1977) dollars					
	1970	1975	1980	1983	1984	1985, June [1]	1970	1975	1980	1983	1984	1985, June [1]
Gross average hourly earnings	3.23	4.53	6.66	8.02	8.33	8.56	5.04	5.10	4.89	4.89	4.91	4.87
Manufacturing	3.35	4.83	7.27	8.83	9.18	9.50	5.23	5.44	5.34	5.39	5.42	5.41
Mining	3.85	5.95	9.17	11.28	11.63	11.99	6.01	6.70	6.74	6.88	6.86	6.83
Construction	5.24	7.31	9.94	11.94	12.12	12.12	8.17	8.23	7.30	7.28	7.15	6.90
Transportation, public utilities	3.85	5.88	8.87	10.79	11.11	11.32	6.01	6.62	6.52	6.58	6.55	6.45
Wholesale trade	3.44	4.73	6.96	8.55	8.96	9.28	5.37	5.33	5.11	5.22	5.29	5.29
Retail trade	2.44	3.36	4.88	5.74	5.88	5.94	3.81	3.78	3.59	3.50	3.47	3.38
Finance, insurance, real estate	3.07	4.06	5.79	7.29	7.62	7.95	4.79	4.57	4.25	4.45	4.50	4.53
Services	2.81	4.02	5.85	7.31	7.64	7.91	4.38	4.53	4.30	4.46	4.51	4.51
Gross average weekly earnings	120	164	235	281	294	303	187	185	173	171	173	173
Manufacturing	134	191	289	354	374	386	209	215	212	216	220	220
Mining	164	249	397	479	504	524	256	280	292	293	297	298
Construction	195	266	368	443	457	462	304	300	270	270	270	263
Transportation, public utilities	156	233	351	421	438	449	243	262	258	257	258	256
Wholesale trade	137	183	267	329	346	361	214	206	197	201	204	206
Retail trade	82	109	147	171	176	179	128	123	108	104	104	102
Finance, insurance, real estate	113	148	210	264	278	292	176	167	154	161	164	166
Services	97	135	191	239	251	261	151	152	140	146	148	149

[1] Preliminary, not seasonally adjusted data.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 699. Annual Percent Changes in Earnings and Compensation: 1974 to 1984

Item	1974-1975	1975-1976	1976-1977	1977-1978	1978-1979	1979-1980	1980-1981	1981-1982	1982-1983	1983-1984
Current dollars:										
Hourly earnings, total [1]	6.8	7.3	8.0	8.4	8.3	8.1	8.9	5.9	4.4	3.9
Hourly earnings, manufacturing	9.3	8.1	8.8	8.6	8.6	8.5	9.9	6.3	4.0	4.0
Compensation per employee-hour [1]	9.6	8.0	7.5	8.5	9.0	10.2	9.6	8.0	4.9	4.1
Constant (1977) dollars:										
Hourly earnings, total [1]	−2.1	1.6	1.4	.8	−2.8	−4.9	−1.2	-	1.2	.4
Hourly earnings, manufacturing	.2	2.2	2.2	.9	−2.4	−4.5	−.2	.2	.9	.6
Compensation per employee-hour [1]	.5	2.1	1.0	.8	−2.1	−2.9	−.7	1.7	1.6	−.2
Consumer Price Index [2]	9.1	5.8	6.5	7.7	11.3	13.5	10.4	6.1	3.2	4.3

- Represents zero. [1] Nonfarm business sector. [2] See text, p. 467 and tables 795 and 796.

Source: U.S. Bureau of Labor Statistics, unpublished data.

No. 700. Gross Average Weekly Earnings in Current and Constant (1977) Dollars, Private Nonagricultural and Manufacturing Industries: 1960 to 1985

[**In dollars.** Includes overtime. Based on reports from employing establishments and relate to full- and part-time wage and salary workers in nonagricultural establishments who worked during, or received pay for, any part of the pay period which includes the 12th of the month. See headnote, table 698. See *Historical Statistics, Colonial Times to 1970*, series D 804, for average weekly earnings in manufacturing]

Year	Private nonagricultural		Manufacturing		Year	Private nonagricultural		Manufacturing	
	Current dollars	Constant (1977) dollars [1]	Current dollars	Constant (1977) dollars [1]		Current dollars	Constant (1977) dollars [1]	Current dollars	Constant (1977) dollars [1]
1960	80.7	165.0	89.7	183.5	1978	203.7	189.3	249.3	231.7
1965	95.5	183.2	107.5	206.4	1979	219.9	183.4	269.3	224.6
1970	119.8	186.9	133.3	208.0	1980	235.1	172.7	288.6	212.0
1974	154.8	190.1	176.8	217.2	1981	255.2	170.1	318.0	212.0
1975	163.5	184.2	190.8	214.9	1982	267.3	168.1	330.3	207.7
1976	175.5	186.9	209.3	222.9	1983	280.7	171.3	354.1	216.0
1977	189.0	189.0	228.9	228.9	1984	294.1	173.5	373.6	220.4
					1985, June [2]	303.0	172.6	385.7	219.7

[1] Earnings in current dollars divided by the Consumer Price Index on a 1977 base. [2] Preliminary, not seasonally adjusted data.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 701. Production Workers, Manufacturing Industries—Average Hourly Earnings, by State: 1975 to 1984

[In dollars]

Division and State	1975	1979	1980	1981	1982	1983	1984
U.S.	4.83	6.70	7.27	7.99	8.49	8.83	9.18
N.E.:							
ME	3.81	5.42	6.00	6.66	7.22	7.61	8.05
NH	3.97	5.37	[1] 5.87	6.41	6.94	7.42	7.85
VT	4.07	5.53	6.14	6.79	7.35	7.66	8.03
MA	4.48	5.98	6.51	7.01	7.58	8.01	8.50
RI	3.84	5.10	5.59	6.10	6.61	6.92	7.23
CT	4.78	6.43	7.08	7.67	8.23	8.76	9.22
M.A.:							
NY	4.91	6.57	7.18	7.84	8.35	8.84	9.22
NJ	4.99	6.71	7.31	8.05	8.70	9.11	9.50
PA	4.98	6.97	7.59	8.30	8.63	8.95	9.28
E.N.C.:							
OH	5.57	7.84	8.57	9.53	10.07	10.56	10.96
IN	5.49	7.79	8.49	9.37	9.79	10.10	10.45
IL	5.53	7.30	8.02	8.91	9.31	9.70	10.08
MI	(NA)	8.73	9.52	10.53	11.16	11.62	12.18
WI	5.26	7.27	8.03	8.80	9.37	9.78	10.03
W.N.C.:							
MN	5.10	6.93	7.61	8.40	9.11	9.56	9.75
IA	(NA)	7.75	8.67	9.60	10.01	10.09	10.25
MO	4.80	6.70	7.26	7.90	8.46	8.89	9.32
ND	4.31	5.98	6.56	7.12	7.50	7.73	7.86
SD	4.21	5.70	6.50	7.12	7.36	7.31	7.15
NE	4.66	6.53	7.38	8.01	8.47	8.76	8.93
KS	(NA)	6.71	7.37	8.05	8.80	9.23	9.40
S.A.:							
DE	5.02	7.04	7.58	8.28	8.64	9.19	9.30
MD	5.04	7.09	7.61	8.39	8.78	9.02	9.45
DC [2]	5.52	7.74	8.46	8.88	9.37	9.75	10.10
S.A.—Con.							
VA	3.99	5.58	6.22	6.84	7.37	7.79	8.12
WV	4.93	7.41	8.08	8.80	9.40	9.74	9.93
NC	3.52	4.87	5.37	5.94	6.35	6.68	7.01
SC	3.59	5.10	5.59	6.18	6.68	7.03	7.28
GA	3.80	5.30	5.77	6.37	6.75	7.13	7.58
FL	4.11	5.48	5.98	6.53	7.02	7.33	7.62
E.S.C.:							
KY	4.77	6.77	7.34	7.86	8.38	8.79	9.28
TN	3.93	5.56	6.08	6.72	7.16	7.49	7.93
AL	4.10	5.95	6.49	7.01	7.33	7.58	7.97
MS	3.58	4.95	5.44	6.01	6.41	6.70	6.95
W.S.C.:							
AR	3.69	5.19	5.71	6.26	6.69	7.05	7.31
LA	4.88	6.97	7.74	8.58	9.38	9.79	10.06
OK	4.45	6.53	7.36	8.20	8.69	9.21	9.64
TX	(NA)	6.46	7.15	7.95	8.60	8.88	9.04
Mt.:							
MT	5.53	8.44	8.78	9.09	9.86	10.44	10.74
ID	4.77	6.92	7.55	8.23	8.62	8.49	9.34
WY	4.92	6.68	7.01	7.89	8.62	8.73	8.86
CO	(NA)	6.93	7.63	8.28	8.63	8.97	9.24
NM	3.63	5.36	5.79	6.54	7.22	7.60	7.97
AZ	4.85	6.62	7.29	8.02	8.73	8.99	9.09
UT	4.61	6.29	7.02	7.74	8.40	8.69	8.95
NV	5.26	6.95	7.72	8.42	8.80	9.02	9.12
Pac.:							
WA	5.82	(NA)	(NA)	(NA)	11.23	11.41	(NA)
OR	5.53	7.92	8.65	9.47	10.02	10.21	10.44
CA	5.22	7.03	7.70	8.56	9.24	9.52	9.77
AK	8.09	[1] 9.14	10.22	11.42	11.74	12.33	12.25
HI	4.68	6.38	6.83	7.53	7.97	8.23	8.35

NA Not available. [1] Data not comparable beginning year shown with prior years. [2] Represents Washington, DC metropolitan area.

Source: U.S. Bureau of Labor Satistics, *Employment and Earnings,* monthly. Compiled from data supplied by cooperating State agencies.

No. 702. Average Annual Pay, by State: 1982 to 1984

[**In dollars, except percent change.** For workers covered by State unemployment insurance laws and for Federal civilian workers covered by unemployment compensation for Federal employees, approximately 89 percent of total civilian employment. Excludes most agricultural workers on small farms, all Armed Forces, elected officials in most States, railroad employees, most domestic workers, employees of certain nonprofit organizations and most self-employed individuals. Pay includes bonuses, cash value of meals and lodging, and tips and other gratuities. Minus sign (−) indicates decrease]

State	Average annual pay			Annual percent change	
	1982	1983	1984 [1]	1982–1983	1983–1984
U.S	16,738	17,545	18,350	4.8	4.6
AL	14,790	15,542	16,203	5.1	4.3
AK	27,904	28,740	28,806	3.0	.2
AZ	16,012	16,667	17,349	4.1	4.1
AR	13,634	14,327	14,973	5.1	4.5
CA	17,979	19,021	19,873	5.8	4.5
CO	17,392	18,100	18,774	4.1	3.7
CT	17,846	(NA)	19,980	(NA)	(NA)
DE	17,553	18,168	18,505	3.5	1.9
DC	22,537	23,870	25,120	5.9	5.2
FL	14,787	15,548	16,176	5.1	4.0
GA	15,147	16,099	16,951	6.3	5.3
HI	15,353	16,108	16,671	4.9	3.5
ID	14,660	15,243	15,793	4.0	3.6
IL	17,975	18,730	19,733	4.2	5.4
IN	16,392	17,068	17,832	4.1	4.5
IA	14,766	15,214	15,668	3.0	3.0
KS	15,277	15,920	16,665	4.2	4.7
KY	15,486	16,020	16,627	3.4	3.8
LA	17,063	17,344	17,769	1.6	2.5
ME	13,466	14,130	14,850	4.9	5.1
MD	16,246	17,107	18,151	5.3	6.1
MA	16,333	17,371	18,428	6.4	6.1
MI	18,811	19,700	20,940	4.7	6.3
MN	16,373	17,221	18,038	5.2	4.7
MS	13,429	13,941	14,398	3.8	3.3
MO	15,970	16,791	17,599	5.1	4.8
MT	14,702	15,215	15,521	3.5	2.0
NE	14,057	14,680	15,197	4.4	3.5
NV	16,473	17,112	17,565	3.9	2.6
NH	14,616	15,540	16,163	6.3	4.0
NJ	17,868	18,817	19,889	5.3	5.7
NM	15,388	15,930	16,426	3.5	3.1
NY	18,530	19,694	20,754	6.3	5.4
NC	13,836	14,676	15,422	6.1	5.1
ND	14,626	15,048	15,289	2.9	1.6
OH	17,155	17,920	18,783	4.5	4.8
OK	16,766	17,155	17,625	2.3	2.7
OR	16,180	16,779	17,474	3.7	4.1
PA	16,448	17,161	17,931	4.3	4.5
RI	14,533	15,397	16,150	5.9	4.9
SC	13,789	14,647	15,305	6.2	4.5
SD	12,702	13,190	13,532	3.8	2.6
TN	14,763	15,551	16,216	5.3	4.3
TX	17,409	18,131	18,864	4.1	4.0
UT	15,904	16,513	17,201	3.8	4.2
VT	13,802	14,644	15,263	6.1	4.2
VA	15,613	16,486	17,271	5.6	4.8
WA	17,752	18,039	18,371	1.6	1.8
WV	16,698	16,874	17,482	1.1	3.6
WI	15,673	16,376	17,021	4.5	3.9
WY	17,990	17,870	18,322	−.7	2.5

NA Not available. [1] Preliminary.

Source: U.S. Bureau of Labor Statistics, *Employment and Wages, Annual Averages 1982,* and USDL News Release 85-320, *Average Annual Pay by State and Industry, 1984.*

No. 703. Number of Workers With Earnings and Median Earnings, by Occupation of Longest Job Held and Sex: 1983

[Covers civilians 15 years old and over as of **March 1984.** For definition of median, see Guide to Tabular Presentation]

Major occupation group of longest job held	All workers				Year round full-time					
	Women		Men		Women		Men		Ratio: women to men	
	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number	Median earnings
Total [1]	**53,108**	**8,230**	**65,138**	**16,072**	**25,166**	**13,915**	**41,528**	**21,881**	**.61**	**.64**
Managerial and professional specialty	11,410	15,306	15,081	26,960	7,096	18,886	12,291	30,086	.58	.63
Exec. admin., and managerial	4,175	15,511	7,844	27,994	3,039	18,277	6,688	30,476	.45	.60
Prof. specialty occupations	7,234	15,199	7,237	26,053	4,057	19,202	5,603	29,547	.72	.65
Tech., sales, and admin. support	23,436	8,999	12,478	17,699	11,720	13,522	8,742	22,497	1.34	.60
Service occupations [2]	10,960	3,785	6,775	7,344	3,051	9,228	3,175	14,688	.96	.63
Private household	1,410	1,463	70	(B)	179	6,296	2	(B)	(B)	(X)
Other service [3]	9,297	4,356	5,158	5,451	2,785	9,363	2,049	12,169	1.36	.77
Farming, forestry, and fishing	758	1,591	3,842	4,230	162	2,656	1,815	9,561	.09	.28
Precision prod., craft and repair	1,222	9,333	12,700	17,186	662	13,245	8,014	21,520	.09	.62
Operators, fabricators and laborers	5,292	7,853	14,074	12,181	2,454	11,321	7,429	17,819	.33	.64

B Base less than 75,000. X Not applicable. [1] Includes civilians whose longest job was in the Armed Forces. [2] Includes protective service. [3] Excludes protective service.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 145.

No. 704. Median Weekly Earnings of Full-Time Wage and Salary Workers, by Selected Characteristic: 1980 to 1984

[In current dollars of usual weekly earnings. Data represent annual average. See text, p. 388 for a discussion of occupation data. For definition of median, see Guide to Tabular Presentation]

Characteristic	1980	1982	1983	1984	Occupation	1980	1982	1983	1984
All workers	**$258**	**$303**	**$309**	**$326**					
SEX AND AGE					Managerial and professional	(X)	(X)	440	463
					Exec., admin., managerial	(X)	(X)	456	490
Male	309	363	379	400	Professional specialty	(X)	(X)	422	454
16 to 24 years	206	226	223	232					
25 years and over	343	401	405	421	Tech. sales, and admin. support	(X)	(X)	282	300
Female	201	240	252	259	Tech. and related support	(X)	(X)	357	381
16 to 24 years	166	190	201	203	Sales	(X)	(X)	305	316
25 years and over	208	253	263	282	Admin. support, incl. clerical	(X)	(X)	258	273
FAMILY RELATIONSHIP					Service	(X)	(X)	205	208
					Private household	(X)	(X)	111	131
Husbands	348	402	407	430	Protective	(X)	(X)	350	364
Wives	203	245	255	271	Other service	(X)	(X)	194	201
Women who maintain families	204	243	255	262					
Men who maintain families	305	358	377	383	Precision production [1]	(X)	(X)	379	386
					Mechanics and repairers	(X)	(X)	376	398
RACE					Construction trades	(X)	(X)	372	385
					Other	(X)	(X)	365	379
White	265	307	321	339					
Male	321	374	397	403	Operators, fabricators and laborers	(X)	(X)	276	287
Female	203	243	253	264	Machine operators, assemblers, inspectors	(X)	(X)	261	279
Black	208	247	257	265	Transportation and moving materials	(X)	(X)	328	350
Male	246	279	299	304	Handlers, equipment cleaners, helpers, and laborers	(X)	(X)	244	250
Female	184	214	231	242	Farming, forestry, fishing	(X)	(X)	200	203

X Not applicable. [1] Including crafts and repair.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

No. 705. Median Usual Weekly Earnings, by Family Type and Number of Workers: 1980 to 1984

[For families with wage and salary workers. Annual averages of quarterly figures]

Family type and number of workers	Number of families (1,000)				Median usual weekly earnings (dollars)			
	1980	1982	1983	1984	1980	1982	1983	1984
Total families [1]	**41,162**	**40,844**	**40,701**	**40,949**	**402**	**451**	**470**	**502**
Married couple families	33,825	33,225	33,032	33,075	432	495	508	550
One worker	14,797	14,592	14,321	13,538	305	339	354	368
Husband	12,127	11,426	11,088	10,609	340	391	403	414
Wife	2,059	2,465	2,522	2,220	157	190	202	205
Other	611	700	712	708	163	188	200	202
Two workers or more [2]	19,028	18,633	18,710	19,537	535	615	647	682
Husband and wife only	12,990	12,923	12,983	13,564	506	588	614	652
Husband and other family member(s)	2,369	2,167	2,084	2,182	557	619	651	686
Wife and other family member(s)	426	475	529	498	350	387	387	426
Families maintained by women	5,690	5,933	5,956	6,294	222	252	267	283
One worker	4,022	4,253	4,190	4,343	183	205	216	227
Two or more workers	1,668	1,680	1,766	1,951	370	418	439	453
Families maintained by men	1,647	1,686	1,713	1,581	358	401	407	419
One worker	1,016	1,077	1,066	963	284	323	324	337
Two or more workers	631	609	647	618	500	558	584	613

[1] Excludes families where the husband, wife, or householder is self-employed. [2] Includes other combinations not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 706. Employment Cost Index (ECI), by Industry and Occupation: 1980 to 1985

[The ECI is a measure of the rate of change in employee compensation (wages, salaries, and employer costs for employee benefits). Data are not seasonally adjusted]

Item	Indexes (June 1981=100)								Percent change for 12 months ending—			
	Dec. 1980	Dec. 1981	Dec. 1982	June 1983	Dec. 1983	June 1984	Dec. 1984	June 1985	Dec. 1982	Dec. 1983	Dec. 1984	June 1985
Civilian workers [1]	(NA)	**104.5**	**111.4**	**114.5**	**117.8**	**120.8**	**123.9**	**126.4**	**6.6**	**5.7**	**5.2**	**4.6**
Workers, by occupational group:												
White-collar workers	(NA)	104.9	111.9	114.9	118.9	122.1	125.5	128.3	6.7	6.3	5.6	5.1
Blue-collar workers	(NA)	104.1	110.5	113.6	115.8	118.6	120.9	123.1	6.1	4.8	4.4	3.8
Service workers	(NA)	104.2	112.4	115.1	119.1	122.1	126.8	128.0	7.9	6.0	6.5	4.8
Workers, by industry division:												
Manufacturing	(NA)	104.0	110.4	113.5	116.0	119.1	122.0	124.6	6.2	5.1	5.2	4.6
Nonmanufacturing	(NA)	104.8	111.8	114.9	118.6	121.6	124.8	127.2	6.7	6.1	5.2	4.6
Services	(NA)	107.1	115.0	117.1	122.6	125.5	130.9	132.6	7.4	6.6	6.8	5.7
Public administration [2]	(NA)	106.0	113.6	117.0	121.4	123.7	128.6	130.3	7.2	6.9	5.9	5.3
Private industry workers [3]	**94.7**	**104.0**	**110.7**	**113.9**	**117.0**	**120.1**	**122.7**	**125.2**	**6.4**	**5.7**	**4.9**	**4.2**
Workers, by occupational group:												
White-collar workers	94.5	104.0	110.8	114.2	117.9	121.4	123.9	127.1	6.5	6.4	5.1	4.7
Blue-collar workers	94.9	104.0	110.3	113.5	115.7	118.4	120.6	122.8	6.1	4.9	4.2	3.7
Service workers	94.3	103.1	111.8	114.6	117.9	121.2	125.7	126.5	8.4	5.5	6.6	4.4
Workers, by industry division:												
Manufacturing	94.7	104.0	110.4	113.5	116.0	119.1	122.0	124.6	6.2	5.1	5.2	4.6
Nonmanufacturing	94.7	103.9	110.8	114.2	117.5	120.7	123.1	125.6	6.6	6.0	4.8	4.1
Workers by bargaining status:												
Union	94.7	104.8	112.3	116.0	118.8	121.7	123.9	125.5	7.2	5.8	4.3	3.1
Non-union	94.6	103.5	109.7	112.8	115.9	119.2	121.9	125.0	6.0	5.7	5.2	4.9
State and local government workers	(NA)	**107.4**	**115.1**	**117.1**	**122.0**	**124.4**	**130.1**	**132.0**	**7.2**	**6.0**	**6.6**	**6.1**
Workers, by occupational group:												
White-collar workers	(NA)	107.8	115.8	117.5	122.6	125.0	131.1	132.9	7.4	5.9	6.9	6.3
Blue-collar workers	(NA)	105.9	113.0	115.8	119.2	122.3	125.9	128.5	6.7	5.5	5.6	5.1
Workers, by industry division:												
Services	(NA)	107.9	115.9	117.4	122.6	125.0	131.3	133.2	7.4	5.8	7.1	6.6
Schools	(NA)	107.9	115.8	116.9	122.6	124.7	132.0	133.7	7.3	5.9	7.7	7.2
Elementary and secondary	(NA)	108.3	116.6	117.4	123.9	125.7	133.5	134.6	7.7	6.3	7.7	7.1
Hospitals and other services [4]	(NA)	107.8	116.0	118.8	122.6	125.7	129.2	131.5	7.6	5.7	5.4	4.6
Public administration [2]	(NA)	106.0	113.6	117.0	121.4	123.7	128.6	130.3	7.2	6.9	5.9	5.3

NA Not available. [1] Includes private industry and State and local government workers and excludes farm, household, and Federal government workers. [2] Consists of legislative, judicial, administrative, and regulatory activities. [3] Excludes farm and household workers. [4] Includes library, social, and health services.

Source: U.S. Bureau of Labor Statistics, *News, Employment Cost Index*, quarterly.

No. 707. Employees with Employer- or Union-Provided Pension Plans, or Group Health Plans, by Occupation and Industry: 1983

[In thousands, except percent. For civilian wage and salary workers 15 years old and over as of **March 1984.** Based on Current Population Survey; see text, p. 2]

Occupation	Total	With pension plans		With group health plans		Industry	Total	With pension plans		With group health plans	
		Number	Percent	Number	Percent			Number	Percent	Number	Percent
Total [1]	**108,502**	**47,080**	**43.4**	**66,167**	**61.0**	**Total** [1]	**108,502**	**47,080**	**43.4**	**66,167**	**61.0**
Managerial and professional specialty	23,891	14,661	61.4	18,391	77.0	Agriculture, forestry, fisheries	2,508	234	9.3	577	23.0
Executive, admin. and managerial	10,792	6,335	58.7	8,604	79.7	Mining	1,018	617	60.6	856	84.1
Prof. specialty	13,099	8,326	63.6	9,787	74.7	Construction	6,444	2,266	35.2	3,635	56.4
Technical sales and admin. support	*33,630*	*14,125*	*42.0*	*20,273*	*60.3*	Manufacturing	22,199	12,771	57.5	17,949	80.9
Service workers	16,713	3,890	23.3	5,807	34.7	Transportation, public utilities	7,508	4,873	64.9	6,042	80.5
Pvt. household	1,478	21	1.4	47	3.2	Wholesale trade	4,360	1,872	42.9	3,115	71.4
Service, exc. pvt. household	15,235	3,869	25.4	5,760	37.8	*Retail trade*	*19,080*	*3,685*	*19.3*	*7,302*	*38.3*
Farming, forestry and fishing	2,972	263	8.8	611	20.6	Finance, insurance, real estate	6,571	3,209	48.8	4,719	71.8
Precision prod., craft, and repair	12,351	6,192	50.1	9,000	72.9	Business services	4,903	1,342	27.4	2,423	49.4
Operatives, fabricators and laborers	18,727	7,848	41.9	11,968	63.9	Personal services	4,424	446	10.1	960	21.7
						Entertainment and recreation	1,523	298	19.6	528	34.7
						Professional and related	22,548	11,345	50.3	13,927	61.8
						Public administration	5,197	4,022	77.4	4,013	77.2

[1] Includes civilians whose longest job was in the Armed Forces.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 148.

No. 708. Employee Benefits in Medium and Large Firms: 1984

[Covers full-time employees in private industry; excludes small firms (establishments with fewer than 50 to 250 employees, depending on the industry), executive management and traveling operating employees, and Alaska and Hawaii. Based on sample survey of establishments and covers only benefits for which the employer pays part or all of the premium involved]

Type of employee benefit	All employees	Professional and administrative employees	Technical and clerical employees	Production employees	Type of employee benefit	All employees	Professional and administrative employees	Technical and clerical employees	Production employees
Percent of employees participating in—					Profit sharing	(NA)	24	27	19
Paid: Lunch time	9	3	4	16	Savings and thrift	(NA)	42	36	19
Rest time	73	59	73	80	Stock purchase	(NA)	18	14	11
Holidays	99	99	100	98	Severance pay	(NA)	61	57	30
Vacations	99	99	100	99	Employee discounts	(NA)	48	57	51
Personal leave	23	29	34	15	Relocation allowance	(NA)	75	36	19
Sick leave	67	92	92	42	Recreation facilities	(NA)	33	29	29
					Subsidized meals	(NA)	27	23	17
Insurance and pension plans:					Parking	(NA)	71	65	81
Accident/sickness	51	29	37	70	Educational assistance	(NA)	82	77	68
Noncontributory	42	20	27	61					
Long-term disability	47	67	58	30	Mean number of—				
Noncontributory	35	47	42	26	Paid holidays	9.8	10.0	9.7	9.8
Life	96	97	95	96	Paid vacation days after—				
Noncontributory	81	80	78	83	1 year	8.6	10.3	9.5	7.4
Pension	82	83	84	80	3 years	10.4	11.0	10.4	10.0
Noncontributory	74	74	78	72	*5 years*	*12.5*	*13.4*	*12.9*	*11.7*
Health	97	98	95	97	10 years	15.6	16.4	15.8	15.1
Noncontributory	62	57	48	71	15 years	18.2	18.9	18.7	17.6
Hospital/surgical [1]	97	98	95	97	20 years	20.5	21.1	20.7	20.2
Extended care facility	60	65	60	58	25 years	22.3	22.7	22.5	22.0
Home health care	45	47	45	43	Paid annual sick days allowable after [3]—				
Pvt. duty nursing	93	97	94	90	6 months	12.9	19.3	10.2	7.8
Mental health care	96	98	94	96	1 year	17.0	26.1	14.7	10.3
Dental	75	77	71	74	3 years	21.8	32.6	20.5	12.5
Vision	29	25	25	32	5 years	26.5	42.0	27.2	16.6
Percent of employees in establishment providing [2]—					10 years	37.6	53.6	38.3	21.1
Paid funeral leave	(NA)	88	88	86	15 years	43.0	60.1	44.8	24.3
					20 years	45.9	64.0	47.7	26.1
					25 years	47.9	67.1	49.4	27.3
					30 years	48.4	67.8	49.9	27.7

NA Not available. [1] Includes physician visits in hospitals, diagnostic X-ray and lab, and hospital auxiliary services.
[2] A benefit is defined as provided if all workers in the employment group were eligible for the benefit. [3] Mean number of days at full pay granted per year; 37 percent of workers under annual plans could carry-over unused days to the next year. These data exclude carry-over days. Excludes per-disability plans and "as needed" plans affecting approximately 27 percent of employees with sick leave.

Source: U.S. Bureau of Labor Statistics, *Employee Benefits In Medium And Large Firms, 1984*, Bulletin 2237.

No. 709. Work Disability Status, by Occupation, Health and Pension Coverage, and Industry: 1982

[In thousands, except percent. For employed civilians, 16–64 years old. As of **March**. Occupation system based on the 1970 Census. See text, p. 388. For definition of work disability, see table 640. Based on Current Population Survey; see Appendix III]

Occupation and coverage	With a work disability		With no work disability	
	Number	Percent	Number	Percent
Total employed	**3,545**	**3.7**	**91,756**	**96.3**
OCCUPATION				
Prof., technical and kindred	454	2.7	16,060	97.3
Mgr., administrators [1]	425	3.8	10,832	96.2
Sales workers	252	4.1	5,948	95.9
Clerical and kindred	478	2.7	17,191	97.3
Craft and kindred	524	4.4	11,432	95.6
Operatives [2]	519	4.1	12,196	95.9
Laborers [1]	183	4.5	3,892	95.5
Service workers	585	4.5	12,393	95.5
Farm workers	126	5.9	2,011	94.1
COVERAGE				
Worked in 1981	3,333	3.6	89,961	96.4
Covered by—				
Both health and pension	1,256	3.1	39,258	96.9
Health only	611	3.0	19,971	97.0
Pension only	115	3.3	3,343	96.7

Industry	With a work disability		With no work disability	
	Number	Percent	Number	Percent
Agriculture	147	5.5	2,510	94.5
Forestry and fisheries	6	3.9	149	96.1
Mining	35	3.2	1,065	96.8
Construction	228	4.3	5,067	95.7
Manufacturing	694	3.4	19,573	96.6
Durable goods	441	3.6	11,729	96.4
Nondurable goods	253	3.1	7,844	96.9
Transp., comm., and other public utilities	219	3.5	6,075	96.5
Wholesale trade	153	3.7	3,985	96.3
Retail trade	534	3.4	14,998	96.6
Finance, insurance, and real estate	196	3.3	5,727	96.7
Services [3]	1,115	3.9	27,750	96.1
Business services	148	5.4	2,588	94.6
Personal services	218	6.1	3,348	93.9
Public administration	218	4.3	4,856	95.7

[1] Excludes farm. [2] Includes transport. [3] Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 127.

No. 710. Effective Federal Minimum Hourly Wage Rates, 1950 to 1985, and Coverage in 1984

[Employee estimates as of **September 1984**, except as indicated. The Fair Labor Standards Act of 1938 and subsequent amendments provide for minimum wage coverage applicable to specified nonsupervisory employment categories. Exempt from coverage are executives and administrators or professionals]

In effect	Minimum rates for nonfarm workers			Minimum rates for farm workers [4]
	Laws prior to 1966 [1]	Percent, avg. earnings [2]	1966 and later [3]	
Jan. 25, 1950	$.75	54	(X)	(X)
Mar. 1, 1956	1.00	52	(X)	(X)
Sept. 3, 1961	1.15	50	(X)	(X)
Sept. 3, 1963	1.25	51	(X)	(X)
Feb. 1, 1967	1.40	50	$1.00	$1.00
Feb. 1, 1968	1.60	54	1.15	1.15
Feb. 1, 1969	([5])	([5])	1.30	1.30
Feb. 1, 1970	([5])	([5])	1.45	([5])
Feb. 1, 1971	([5])	([5])	1.60	([5])
May 1, 1974	2.00	46	1.90	1.60
Jan. 1, 1975	2.10	45	2.00	1.80
Jan. 1, 1976	2.30	46	2.20	2.00
Jan. 1, 1977	([5])	([5])	2.30	2.20
Jan. 1, 1978	2.65	44	2.65	2.65
Jan. 1, 1979	2.90	45	2.90	2.90
Jan. 1, 1980	3.10	45	3.10	3.10
Jan. 1, 1981	3.35	43	3.35	3.35
Sept 1, 1985	([5])	([5])	([5])	([5])

Sex, race, and industry	Nonsupervisory employees, 1984				
	Total (1,000)	Subject to minimum wage rates			
		Total (1,000)	Percent of total	Prior to 1966 [6 7] (1,000)	1966 and later [3 7] (1,000)
Total	**80,750**	**63,438**	**78.6**	**45,557**	**17,881**
Male	43,174	33,949	78.6	25,977	7,972
Female	37,576	29,489	78.5	19,580	9,909
White	70,903	55,740	78.6	40,703	15,037
Black and other	9,847	7,698	78.2	4,854	2,844
Black only	8,973	7,033	78.4	4,433	2,600
Private industry	**70,975**	**60,802**	**85.7**	**45,557**	**15,245**
Agriculture	1,590	612	38.5	–	612
Mining	889	885	99.6	885	–
Construction	4,187	4,165	99.5	3,488	677
Manufacturing	17,583	17,098	97.2	16,994	104
Transp., public utilities	4,664	4,633	99.3	4,555	78
Wholesale trade	4,805	3,831	79.7	3,588	243
Retail trade	14,839	12,419	83.7	6,523	5,896
Finance, insurance, real estate	4,881	3,701	75.8	3,556	145
Service	15,973	12,419	77.7	5,968	6,451
Private households	1,564	1,039	66.4	–	1,039
Government [8]	**9,775**	**2,636**	**27.0**	–	**2,636**

– Represents zero. X Not applicable. [1] Applies to workers covered prior to 1961 Amendments and, after Sept. 1965, to workers covered by 1961 Amendments. Rates set by 1961 Amendments were: Sept. 1961, $1.00; Sept. 1964, $1.15; and Sept. 1965, $1.25. [2] Percent of gross average hourly earnings of production workers in manufacturing. [3] Applies to workers newly covered by Amendments of 1966, 1974, and 1977, and Title IX of Education Amendments of 1972. [4] Included in coverage as of 1966, 1974, and 1977 Amendments. [5] No change in rate. [6] Includes workers in retail-service establishments with less than $250,000 in gross annual sales which are part of enterprises covered under criteria in effect prior to the 1966 Amendments. These workers became subject under the 1974 Amendments. [7] Currently employed workers subject to provisions. [8] Federal, State, and local employees.

Source: U.S. Department of Labor, Employment Standards Administration, *Minimum Wage and Maximum Hours Standards Under the Fair Labor Standards Act*, 1981, annual; and unpublished data.

NO. 711. MAJOR COLLECTIVE BARGAINING SETTLEMENTS—AVERAGE PERCENT ADJUSTMENTS IN WAGES AND COMPENSATION NEGOTIATED: 1970 TO 1984

[**In percent, except as indicated.** Data represent private nonfarm industry settlements affecting production and related workers in manufacturing and nonsupervisory workers in nonmanufacturing (including construction) industries. Data exclude possible adjustments in wages under cost-of-living adjustment clauses (COLA), except increases guaranteed by the contract. Includes all settlements, whether wages and benefits were changed or not]

ADJUSTMENTS	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Wages and benefits: [1]												
First year	13.1	10.7	11.4	8.5	9.6	8.3	9.0	10.4	10.2	3.2	3.4	3.6
Over life of contract [2]	9.1	7.8	8.1	6.6	6.2	6.3	6.6	7.1	8.3	2.8	3.0	2.8
Wage-rates: [3]												
All industries:												
First year	11.9	9.8	10.2	8.4	7.8	7.6	7.4	9.5	9.8	3.8	2.6	2.4
Contracts with COLA	(NA)	9.5	12.2	8.4	8.0	6.9	6.2	8.0	8.0	2.2	1.9	2.9
Contracts without COLA	(NA)	10.2	9.1	8.3	7.6	8.0	9.1	11.7	10.6	7.0	3.3	2.1
Over life of contract [2]	8.9	7.3	7.8	6.4	5.8	6.4	6.0	7.1	7.9	3.6	2.8	2.4
Contracts with COLA	7.3	6.1	7.1	5.7	5.0	5.3	4.6	5.0	5.5	2.1	2.0	1.8
Contracts without COLA	10.1	9.1	8.3	7.3	6.9	7.1	8.0	10.3	8.8	6.6	3.7	2.7
Manufacturing:												
First year	8.1	8.7	9.8	8.9	8.4	8.3	6.9	7.4	7.2	2.8	.4	2.3
Over life of contract [2]	6.0	6.1	8.0	6.0	5.5	6.6	5.4	5.4	6.1	2.6	2.1	1.5
Nonmanufacturing:												
First year	15.2	10.5	10.4	7.7	7.4	7.4	8.0	10.9	11.2	4.8	3.8	2.5
Over life of contract [2]	11.5	8.0	7.8	6.8	6.0	6.4	6.8	8.3	8.8	4.7	3.2	2.9
Number of workers affected (mil.)	4.7	5.1	2.9	4.1	4.0	2.5	3.5	3.8	2.4	3.3	3.1	2.3
Percent of wage and salary workers [4]	8.1	8.0	4.7	6.4	5.9	3.5	4.7	5.1	3.2	4.5	4.2	3.0
Manufacturing (mil.)	2.2	1.9	.8	2.1	1.6	.6	1.9	1.6	.8	1.7	1.1	.9
Nonmanufacturing (mil.)	2.5	3.3	2.1	2.0	2.4	2.0	1.6	2.2	1.6	1.6	2.0	1.4

NA Not available. [1] Each settlement involved 5,000 or more workers. [2] Average annual rate of change. [3] Each settlement involved 1,000 or more workers. [4] In private industry, excluding private household workers.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

NO. 712. U.S. MEMBERSHIP IN AFL-CIO AFFILIATED UNIONS BY SELECTED UNION: 1971 TO 1983

[**In thousands.** Figures represent the labor organizations as constituted in 1983 and reflect past merger activity. Membership figures based on average per capita paid membership to the AFL-CIO for the 2-year period ending in June of the year shown and reflect only actively-employed members]

LABOR ORGANIZATION	1971	1975	1979	1983	LABOR ORGANIZATION	1971	1975	1979	1983
Total [1]	**13,177**	**14,070**	**13,621**	**13,758**	Hotel Employees and Restaurant Employees	300	421	373	340
Automobile, Aerospace and Agriculture (UAW)	(x)	(x)	(x)	1,010	Ironworkers	157	160	146	140
Bakery, Confectionery and Tobacco [2]	152	149	131	125	Laborers	475	475	475	444
Boiler Makers, Iron Shipbuilders	121	123	129	119	Letter Carriers (NALC)	151	151	151	175
Bricklayers	121	143	106	103	Machinists and Aerospace (IAM)	754	780	664	596
Carpenters [2]	714	712	629	609	Musicians	236	215	206	131
Clothing and Textile Workers (ACTWU) [2]	440	377	308	253	Oil, Chemical, Atomic Workers (OCAW)	149	145	146	124
Communication Workers (CWA)	415	476	485	573	Painters	160	160	160	150
Electrical Workers (IBEW)	760	856	825	820	Paperworkers Int'l [2]	245	275	262	241
Electronic, Electrical and Technical	283	255	243	192	Plumbing and Pipefitting	228	228	228	228
Operating Engineers	300	300	313	345	Postal Workers	169	249	245	246
Firefighters	101	123	150	142	Railway, Airline, Steamship Clerks [2]	161	167	127	120
Food and Commercial Workers (UFCW) [2]	1,036	1,150	1,123	1,007	Retail, Wholesale Department Store [2]	122	120	122	110
Garment Workers (ILGWU)	363	363	314	258	Rubber, Cork, Linoleum, Plastic	169	173	158	108
Government, American Federation (AFGE)	286	255	236	204	Service Employees (SEIU) [2]	406	490	537	589
Graphic Communications [2]	220	198	171	154	State, County, Municipal (AFSCME)	458	647	889	959
					Steelworkers	950	1,062	964	707
					Teachers (AFT)	194	396	423	456

X Not applicable. [1] Includes other AFL-CIO affiliated unions, not shown separately. [2] Figures reflect mergers with one or more unions since 1971. For details see source.

Source: American Federation of Labor and Congress of Industrial Organizations, Washington, DC, *Report of the AFL-CIO Executive Council*, annual.

No. 713. Union Membership of All Workers and Median Usual Weekly Earnings of Full-Time Employed Wage and Salary Workers, by Selected Characteristics: 1983 and 1984

[**Annual averages of monthly figures.** Covers employed wage and salary workers 16 years old and over]

Characteristic	Employed				Median usual weekly earnings (dol.)					
	Total (1,000)		Percent union members [1]		Total		Union members [1]		Nonunion members [2]	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
Total	**88,290**	**92,194**	**20.1**	**18.8**	**309**	**326**	**398**	**405**	**288**	**303**
16-24 years	19,305	19,905	9.1	7.9	207	215	281	293	204	207
25-34 years	25,978	27,477	19.6	18.2	322	338	385	402	304	317
35-44 years	18,722	20,140	24.8	23.9	367	399	407	432	344	361
45-54 years	13,150	13,489	27.0	25.5	365	389	405	425	337	356
55-64 years	9,201	9,293	26.9	25.0	350	363	401	406	315	333
65 years and over	1,934	1,891	10.1	9.8	256	271	348	358	244	244
Men, total	**47,856**	**50,022**	**24.7**	**23.0**	**379**	**400**	**411**	**444**	**353**	**362**
16-24 years	9,974	10,361	11.3	9.9	223	232	303	309	209	222
25-34 years	14,286	15,184	23.5	21.8	368	383	406	425	353	360
35-44 years	10,189	10,917	30.5	29.3	445	468	446	468	444	467
45-54 years	7,257	7,446	33.1	31.1	446	465	441	463	452	465
55-64 years	5,129	5,124	32.8	30.2	409	444	422	448	407	428
65 years and over	1,022	990	11.9	11.0	305	327	385	408	282	304
Women, total	**40,433**	**42,172**	**14.6**	**13.8**	**252**	**259**	**307**	**326**	**238**	**251**
16-24 years	9,331	9,544	6.7	5.8	201	203	248	249	197	202
25-34 years	11,692	12,293	14.8	13.7	269	284	321	341	257	269
35-44 years	8,533	9,222	18.0	17.5	269	292	328	353	254	272
45-54 years	5,894	6,042	19.5	18.5	258	278	309	330	249	258
55-64 years	4,071	4,169	19.4	18.6	255	266	300	316	244	253
65 years and over	912	902	8.1	8.6	207	217	(B)	293	203	204
RACE, HISPANIC ORIGIN,[3] AND WORK STATUS										
White, total	**77,046**	**80,071**	**19.3**	**18.0**	**321**	**339**	**402**	**409**	**300**	**307**
Men	42,168	43,932	24.0	22.3	397	403	424	451	360	376
Women	34,877	36,139	13.5	12.7	253	264	313	336	242	253
Black, total	**8,979**	**9,699**	**27.2**	**25.9**	**257**	**265**	**337**	**357**	**221**	**236**
Men	4,477	4,819	31.7	30.2	299	304	366	399	246	253
Women	4,502	4,880	22.7	21.7	231	242	291	303	206	218
Hispanic origin,[3] total	**4,952**	**5,271**	**21.1**	**20.3**	**250**	**256**	**313**	**351**	**225**	**238**
Men	2,928	3,067	24.1	23.6	274	286	351	383	246	254
Women	2,023	2,204	16.6	15.6	209	224	258	293	203	210
Full-time workers	70,976	74,912	22.9	21.5	309	326	398	405	288	303
Part-time workers	17,314	17,282	8.4	7.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
OCCUPATION										
Managerial and professional specialty	19,657	20,817	17.1	15.8	440	463	423	455	449	473
Technical sales, and administrative support	28,024	29,135	12.1	11.2	282	300	354	372	267	284
Service occupations	12,875	13,066	15.3	15.1	205	208	305	314	181	191
Precision, production, craft, and repair	10,542	11,188	32.9	30.1	379	386	453	483	325	331
Operators, fabricators, and laborers	15,416	16,213	35.4	33.1	276	287	366	389	227	241
Farming, forestry, and fishing	1,775	1,775	5.5	5.5	200	203	284	309	190	201
INDUSTRY										
Agricultural wage and salary workers	1,446	1,455	3.4	2.6	200	204	(B)	(B)	198	203
Private nonagricultural wage and salary workers	71,225	74,931	16.8	15.5	306	321	400	405	287	302
Mining	869	902	20.7	17.7	485	501	464	504	499	500
Construction	4,109	4,504	27.5	23.5	353	356	522	549	300	306
Manufacturing	19,066	20,207	27.8	26.0	339	353	369	388	317	327
Transportation and public utilities	5,142	5,532	42.4	38.7	409	441	448	482	390	402
Wholesale and retail trade, total	16,081	16,839	8.7	7.9	252	257	357	363	244	253
Finance, insurance, and real estate	5,559	5,794	2.9	2.7	300	310	285	313	300	309
Services	18,400	19,153	7.7	7.3	270	286	304	323	263	281
Government	15,618	15,809	36.7	35.8	353	374	389	406	314	338

B Data not shown where base is less than 50,000. NA Not available. [1] Members of a labor union or employee association. [2] Workers who report no union membership or coverage. [3] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January, 1985.

No. 714. Employee Bargaining Units and Employees Represented in State and Local Governments, by Type of Government: 1982

[As of **October. Number of employees in thousands**]

ITEM	Total	State government	Local government	ITEM	Total	State government	Local government
Governments, total	82,973	50	82,923	Percent represented by bargaining units	39.5	31.0	43.0
Governments with bargaining units	12,770	34	12,736	Bargaining units	33,846	1,065	32,781
By number of units:				By number of employees represented:			
1 to 2	5,462	1	5,461	500 or more	1,553	278	1,275
3 to 5	5,557	1	5,556	300 to 499	1,255	92	1,163
6 to 9	1,372	6	1,366	100 to 299	5,284	197	5,087
10 or more	379	26	353	50 to 99	5,496	131	5,365
Percent of governments with bargaining units	15.4	68.0	15.4	25 to 49	6,150	131	6,019
Employees (full-and part-time)	12,993	3,744	9,249	Less than 25	14,108	236	13,872
Number represented by bargaining units	5,137	1,162	3,975	Bargaining units that represent supervisory employees	7,049	286	6,763

Source: U.S. Bureau of the Census, *1982 Census of Governments,* series GC82(3)-3.

No. 715. Work Stoppages: 1947 to 1984

[Excludes work stoppages involving fewer than 1,000 workers and lasting less than 1 day. Information is based on reports of labor disputes appearing in daily newspapers, trade journals, and other public sources. The parties to the disputes are contacted by telephone, when necessary, to clarify details of the stoppages]

YEAR	Number of work stoppages [1]	Workers involved [2] (1,000)	DAYS IDLE		YEAR	Number of work stoppages [1]	Workers involved [2] (1,000)	DAYS IDLE	
			Number (1,000)	Percent estimated working time [3]				Number (1,000)	Percent estimated working time [3]
1947	270	1,629	25,720	(NA)	1974	424	1,796	31,809	.16
1950	424	1,698	30,390	.26	1975	235	965	17,563	.09
1955	363	2,055	21,180	.16	1976	231	1,519	23,962	.12
1960	222	896	13,260	.09	1977	298	1,212	21,258	.10
1965	268	999	15,140	.10	1978	219	1,006	23,774	.11
1967	381	2,192	31,320	.18	1979	235	1,021	20,409	.09
1968	392	1,855	35,567	.20	1980	187	795	20,844	.09
1969	412	1,576	29,397	.16	1981	145	729	16,908	.07
1970	381	2,468	52,761	.29	1982	96	656	9,061	.04
1971	298	2,516	35,538	.19	1983	81	909	17,461	.08
1972	250	975	16,764	.09	1984	62	376	8,499	.04
1973	317	1,400	16,260	.08					

NA Not available. [1] Beginning in year indicated. [2] Workers counted more than once if involved in more than 1 stoppage during the year. [3] Agricultural and government employees are included in the total working time; private household, forestry and fishery employees are excluded.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments,* monthly.

No. 716. Workers Killed or Disabled on the Job, 1960 to 1984, and by Industry Group, 1984

[1984 data are preliminary estimates. Estimates based on data from U.S. National Center for Health Statistics, State departments of health, and State industrial commissions. Numbers of workers based on data from U.S. Bureau of Labor Statistics]

YEAR	DEATHS						Disabling injuries [2] (1,000)
	Total		Manufacturing		Nonmanufacturing		
	Number (1,000)	Rate [1]	Number (1,000)	Rate [1]	Number (1,000)	Rate [1]	
1960	13.8	21	1.8	10	12.1	25	1,950
1965	14.1	20	1.8	10	12.3	24	2,100
1970	13.8	18	1.7	9	12.1	21	2,200
1975	13.0	15	1.6	9	11.4	17	2,200
1979	13.0	13	1.7	8	11.3	15	2,300
1980	13.2	13	1.7	8	11.5	15	2,200
1981	12.5	13	1.5	7	11.0	14	2,100
1982	11.5	12	1.1	6	10.4	13	1,900
1983	11.3	11	1.2	6	10.1	12	1,900
1984	11.3	11	1.2	6	10.1	12	1,900

YEAR AND INDUSTRY GROUP	DEATHS		Disabling injuries [2] (1,000)
	Number (1,000)	Rate [1]	
1984, total	**11.3**	**11**	**1,900**
Agriculture [3]	1.7	49	180
Mining and quarrying	.6	60	50
Construction	2.1	37	190
Manufacturing	1.2	6	320
Transportation and utilities	1.3	24	150
Trade [4]	1.2	5	350
Service [5]	1.8	6	400
Government	1.4	9	260

[1] Per 100,000 workers. [2] Disabling injury defined as one which results in death, some degree of physical impairment, or renders the person unable to perform regular activities for a full day beyond the day of the injury. [3] Includes forestry and fishing. [4] Includes wholesale and retail trade. [5] Includes finance, insurance and real estate.

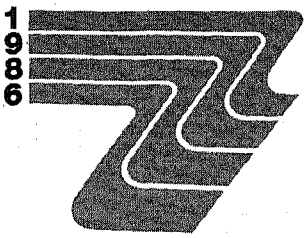
Source: National Safety Council, Chicago, IL, *Accident Facts,* annual. (Copyright.)

No. 717. Occupational Injury and Illness Incidence Rates, Selected Industries: 1975 to 1983

(Rates per 100 full-time employees. For nonfarm employment data, see table 694. Rates refer to any occupational injury or illness resulting in (1) fatalities, (2) lost workday cases, or (3) nonfatal cases without lost workdays. Incidence rates were calculated as: Number of injuries and illnesses or lost workdays divided by total hours worked by all employees during year multiplied by 200,000 as base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks a year). Based on the 1972 *Standard Industrial Classification (SIC) Manual*)

SIC [1] code	Industry	Total cases [2]			Lost workday cases			Nonfatal cases, no lost workdays			Lost workdays	
		1975	1980	1983	1975	1980	1983	1975	1980	1983	1980	1983
(x)	**Private sector** [3]	9.1	8.7	7.6	3.3	4.0	3.4	5.8	4.7	4.2	65.2	58.5
A	**Agriculture, forestry, fishing** [3]	10.5	11.9	11.9	4.4	5.8	6.1	6.0	6.1	5.8	82.7	90.8
B	**Mining**	11.0	11.2	8.4	5.6	6.5	4.5	5.4	4.6	3.9	163.6	125.1
10	Metal mining	6.5	8.9	6.0	4.4	5.5	3.5	2.1	3.4	2.5	129.3	92.5
11	Anthracite mining	28.4	13.8	6.7	10.2	8.5	6.1	18.1	5.2	.5	276.7	470.4
12	Bituminous coal and lignite	10.8	10.1	7.1	6.4	8.3	5.6	4.3	1.8	1.5	252.3	188.5
13	Oil and gas extraction	14.0	13.4	9.8	6.2	6.7	4.6	7.7	6.6	5.1	152.7	120.5
14	Nonmetallic minerals, exc. fuels	6.0	5.4	3.9	3.5	3.6	2.6	2.4	1.8	1.3	88.8	66.1
C	**Construction**	15.9	15.7	14.8	5.5	6.5	6.3	10.4	9.1	8.5	117.0	118.2
15	General building contractors	15.5	15.5	14.4	5.3	6.5	6.2	10.2	9.0	8.2	113.0	113.0
16	Heavy construction contractors	17.1	16.3	15.4	5.9	6.3	6.2	11.2	9.9	9.2	117.6	122.4
17	Special trade contractors	15.5	15.5	14.8	5.4	6.7	6.4	10.1	8.8	8.4	118.9	119.0
D	**Manufacturing**	13.0	12.2	10.0	4.5	5.4	4.3	8.5	6.8	5.7	86.7	73.5
(x)	Durable goods	14.2	12.9	10.3	4.8	5.6	4.3	9.4	7.3	6.0	90.9	73.4
24	Lumber and wood products	21.0	18.6	18.3	8.5	9.5	9.2	12.5	9.1	9.1	171.8	163.5
25	Furniture and fixtures	15.9	16.0	14.1	5.1	6.6	5.7	10.8	9.4	8.4	97.6	83.0
32	Stone, clay, and glass products	16.0	15.0	13.1	5.9	7.1	6.0	10.1	7.9	7.1	128.1	112.0
33	Primary metal industries	17.0	15.2	12.4	6.1	7.1	5.4	10.9	8.1	6.9	128.3	103.4
34	Fabricated metal products	19.1	18.5	15.1	6.6	8.0	6.1	12.5	10.5	9.0	118.4	96.5
35	Machinery, exc. electric	14.9	13.7	9.8	4.6	5.5	3.6	10.3	8.2	6.2	81.3	58.1
36	Electric and electronic equipment	8.5	8.0	6.3	2.5	3.3	2.6	6.0	4.7	3.8	51.8	41.4
37	Transportation equipment	12.4	10.6	8.4	4.5	4.9	3.6	7.9	5.7	4.8	82.4	64.5
38	Instruments and related products	6.9	6.8	5.2	2.1	2.7	2.1	4.8	4.1	3.1	41.8	35.6
39	Miscellaneous	11.3	10.9	9.9	3.6	4.3	4.0	7.7	6.5	5.9	67.9	66.3
(x)	Nondurable goods	11.4	11.1	9.6	4.1	5.0	4.3	7.3	6.1	5.3	80.4	73.6
20	Food and kindred products	18.3	18.7	16.5	7.3	9.0	7.9	11.0	9.7	8.5	136.8	131.2
21	Tobacco manufactures	10.3	8.1	6.5	3.9	3.8	3.0	6.4	4.3	3.6	45.8	42.8
22	Textile mill products	10.2	9.1	7.4	2.5	3.3	2.8	7.7	5.8	4.6	62.8	51.4
23	Apparel and other textile products	6.0	6.4	6.4	1.6	2.2	2.4	4.3	4.2	4.0	34.9	40.6
26	Paper and allied products	13.3	12.7	10.0	4.1	5.8	4.5	9.1	6.9	5.5	112.3	90.3
27	Printing and publishing	6.7	6.9	6.6	2.4	3.1	2.9	4.3	3.8	3.7	46.5	44.6
28	Chemicals and allied products	8.4	6.8	5.5	2.9	3.1	2.5	5.5	3.7	3.0	50.3	42.3
29	Petroleum and coal products	9.0	7.2	5.5	3.1	3.5	2.4	5.8	3.7	3.0	59.1	46.8
30	Rubber and misc. plastics products	15.7	15.5	13.0	6.7	7.4	6.2	9.0	8.1	6.8	118.6	101.4
31	Leather and leather products	11.2	11.7	10.0	3.8	5.0	4.4	7.4	6.7	5.6	82.7	87.3
E	**Transportation, public utilities**	9.4	9.4	8.2	4.7	5.5	4.7	4.7	3.8	3.5	104.5	94.9
40	Railroad transportation	8.5	11.1	8.0	4.9	7.2	5.3	3.6	3.8	2.7	107.6	76.9
41	Local passenger transit [4]	8.4	9.5	9.7	4.2	5.2	5.4	4.1	4.3	4.3	92.9	114.3
42	Trucking and warehousing	14.8	14.9	13.3	7.5	9.0	8.1	7.2	5.9	5.2	187.9	185.7
44	Water transportation	15.8	14.2	10.8	8.2	8.4	6.4	7.6	5.7	4.4	300.3	229.9
45	Air transportation	14.9	13.3	12.7	7.4	8.2	7.3	7.5	5.1	5.4	105.0	97.7
46	Pipelines, except natural gas	4.7	5.2	4.2	1.6	1.7	1.5	3.0	3.5	2.7	31.0	24.7
47	Transportation services	6.2	4.7	3.4	2.9	2.5	1.8	3.3	2.2	1.6	40.0	37.9
48	Communication	3.0	2.8	2.9	1.5	1.6	1.5	1.5	1.2	1.4	28.6	27.1
49	Electric, gas, sanitary services	9.3	8.6	7.2	3.7	4.3	3.6	5.6	4.2	3.6	70.8	61.4
F, G	**Wholesale and retail trade**	7.3	7.4	7.2	2.6	3.2	3.1	4.7	4.2	4.1	48.7	47.8
F	Wholesale trade	8.2	8.2	7.0	3.2	3.9	3.2	5.0	4.3	3.8	58.2	50.6
G	Retail trade	7.0	7.1	7.3	2.4	2.9	3.0	4.6	4.2	4.3	44.5	46.7
H	**Finance, insurance, real estate** [5]	2.2	2.0	2.0	.8	.8	.9	1.4	1.1	1.1	12.2	12.8
60	Banking	1.8	1.5	1.6	.6	.6	.6	1.2	.9	1.0	8.1	8.2
62	Security, commodity brokers	1.0	.8	.8	.4	.3	.3	.6	.5	.5	3.1	3.8
63	Insurance carriers	1.7	1.7	1.8	.6	.7	.8	1.1	1.0	1.0	10.8	12.5
65	Real estate	5.0	4.4	4.4	1.9	2.2	2.2	3.1	2.2	2.2	32.8	35.0
I	**Services** [5]	5.5	5.2	5.1	2.0	2.3	2.4	3.5	2.9	2.7	35.8	37.0
70	Hotels and other lodgings	8.2	8.9	9.2	2.6	3.7	3.8	5.6	5.2	5.4	50.8	54.5
72	Personal services	3.3	2.9	2.9	1.3	1.3	1.4	2.0	1.6	1.5	22.6	20.8
73	Business services	5.0	4.4	4.7	2.0	2.1	2.1	3.0	2.3	2.5	31.1	33.5
75	Auto repair, services, and garages	9.0	7.5	7.1	3.4	3.3	3.3	5.6	4.2	3.8	47.8	52.3
79	Amusement, recreation services	8.6	9.2	8.2	2.8	3.8	3.7	5.7	5.4	4.5	53.8	53.9
80	Health services	6.8	6.4	6.3	2.5	3.1	3.2	4.3	3.3	3.1	47.4	50.3
82	Educational services	3.5	3.3	3.4	1.4	1.4	1.4	2.0	1.9	2.0	18.6	18.3
86	Membership organizations	3.0	3.4	2.6	1.1	1.0	1.0	1.9	2.4	1.6	24.6	18.7
89	Miscellaneous services	2.3	1.6	1.3	.7	.7	.5	1.6	.9	.7	10.8	7.7

X Not applicable.
[1] Standard Industrial Classification. [2] "Cases" represents occurrences. Includes fatalities for all employers.
[3] Excludes farms with fewer than 11 employees.
[4] Includes interurban. [5] Includes categories not shown separately.
Source: U.S. Bureau of Labor Statistics, *Occupational Injuries and Illnesses in the United States by Industry*, annual.



Section 15

Income, Expenditures, and Wealth

This section presents data on gross national product (GNP), national and personal income, saving and investment, money income, poverty, and national and personal wealth. The data on income and expenditure measure two aspects of the U.S. economy. One aspect relates to the national income and product accounts (NIPA), a summation reflecting the entire complex of the Nation's economic income and output and the interaction of its major components; the other relates to the distribution of money income to families and individuals, or consumer income.

The primary source for data on GNP, national and personal income, and gross saving and investment is the *Survey of Current Business,* published monthly, with supplements, by the Department of Commerce, Bureau of Economic Analysis (BEA). A comprehensive revision to the NIPA was completed in December 1980. A discussion of the revision and of the conceptual framework of the NIPA appears in the December 1980 *Survey of Current Business.* Detailed historical data appear in *The National Income and Product Accounts of the United States, 1929–76,* and the July 1982–1984 issues of the *Survey of Current Business*; detailed data for the most recent years are normally published each July in the *Survey.*

Sources of income distribution data are the decennial censuses of population and the Current Population Survey (CPS), both products of the Bureau of the Census (see text, pages 1 and 2). Annual data on income of families, individuals, and households, by income class, are presented in *Current Population Reports—Consumer Income,* series P–60.

Data on individuals' saving and assets are published by the Board of Governors of the Federal Reserve System in the quarterly *Flow of Funds Accounts;* and detailed information on personal wealth is published periodically by the Internal Revenue Service (IRS) in *SOI Bulletin.*

National income and product.—*Gross national product* (GNP) is the total national output of goods and services valued at market prices. GNP can be viewed in terms of expenditure categories which comprise purchases of goods and services by consumers and government, gross private domestic investment, and net exports of goods and services. The goods and services included are largely those bought for final use (excluding illegal transactions) in the market economy. A number of inclusions, however, represent imputed values, the most important of which is rental value of owner-occupied housing. GNP, in this broad context, measures the output attributable to the factors of production—labor and property—supplied by U.S. residents. GNP differs from "national income" mainly in that GNP includes allowances for depreciation and for indirect business taxes (sales and property taxes); see table 721.

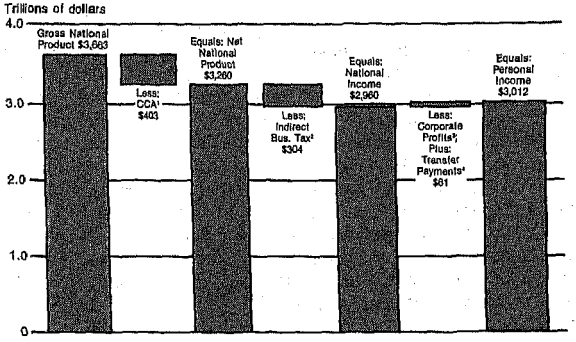
National income is the aggregate of labor and property earnings which arises in the current production of goods and services. It is the sum of employee compensation, proprietors' income, rental income, corporate profits, and net interest. It measures the total factor costs of the goods and services produced by the economy. Income is measured before deduction of taxes on income.

Capital consumption adjustment for corporations, nonfarm sole proprietorships and partnerships is the difference between capital consumption claimed on income tax returns and capital consumption allowances that are measured at straightline depreciation, consistent service lives, and replacement cost. The tax return data are valued at historical costs and reflect changes over time in service lives and depreciation patterns as permitted by tax regulations. *Inventory valuation adjustment* represents the difference between the book value of inventories used up in production and the cost of replacing them.

Personal income is the current income received by persons from all sources minus their personal contributions for social insurance. Classified as "persons" are individuals (including owners of unincorporated firms), nonprofit institutions serving individuals, private trust funds, and private noninsured welfare funds. Personal income includes transfers (payments not resulting from current production) from government and business such as Social Security benefits, military pensions, etc., but excludes transfers among persons. Also included are certain nonmonetary types of income—chiefly, estimated net rental value to owner-occupants of their homes and the value of services furnished without payment by financial intermediaries and food and fuel produced and consumed on farms.

Disposable personal income is personal income less personal tax and nontax payments. It is the income available to persons for spending and saving. Personal tax and nontax payments are tax payments (net of refunds) by persons (except personal contributions for social insurance) that are not chargeable to business expense, and certain personal payments to general government that are treated like taxes. Personal taxes include income, estate and gift, and personal property taxes and motor vehicle licenses. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated mainly by government.

Figure 15.1
Relation of Gross National Product, National Income, and Personal Income: 1984



[1]Capital consumption allowances. [2]Less: Current surplus of government enterprises plus subsidies. [3]Also–Less net interest and contributions for social insurance. [4]Also–Plus personal interest and personal dividend income.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 721.

Consumer Expenditure Survey.—The Consumer Expenditure Survey program was begun in late 1979. The principal objective of the survey is to collect current consumer expenditure data which provide a continuous flow of data on the buying habits of American consumers for use in a wide variety of research by government, business, labor, and academic analysts. The data are also necessary for future revisions of the Consumer Price Index.

The survey conducted by the Bureau of the Census for the Bureau of Labor Statistics, consists of two components: (1) An interview panel survey in which the expenditures of consumer units are obtained in five interviews conducted every 3 months; and (2) a diary or recordkeeping survey completed by participating households for two consective 1-week periods.

Each component of the survey queries an independent sample of consumer units representative of the U.S. urban population. Over 52 weeks of the year, 5,000 consumer units are sampled for the diary survey. The interview sample is selected on a rotating panel basis, targeted at 5,000 consumer units per quarter. Data are collected in 85 urban areas of the country that are representative of the U.S. urban population. The survey includes students in student housing.

The Diary Survey is designed to obtain expenditures on small, frequently purchased items which are normally difficult for respondents to recall. Detailed records of expenses are kept for food and beverages, both at home and in eating places, tobacco, housekeeping supplies, nonprescription drugs, and personal care products and services. Survey participants record dollar amounts for goods and services purchased during the reporting period whether or not payment is made at the time of purchase. The expenditure amounts are inclusive of all sales and excise taxes for all items purchased by the consumer unit for itself or others and exclude expenditures incurred while away from home. Food expenditures are particularly affected by this feature.

The interview survey is designed to obtain data on the types of expenditures which respondents can be expected to recall for a period of 3 months or longer. In general, these include relatively large expenditures, such as those for property, automobiles, and major appliances, or expenditures which occur on a fairly regular basis, such as rent, utilities, or insurance premiums. It is estimated that about 95 percent of expenditures are covered in the interview. Excluded are nonprescription drugs, household supplies, and personal care items. The interview survey also provides data on expenditures incurred on trips. Both surveys exclude all business related expenditures for which the family is reimbursed.

Distribution of money income to families and individuals.—Money income statistics are based on data collected in various field surveys of income conducted since 1936. Since 1947, the Bureau of the Census has collected the data on an annual basis and published them in *Current*

Population Reports, series P-60. In each of the surveys, enumerators interview representative samples of the population with respect to income received during the previous year. Money income as defined by the Bureau of the Census differs from the BEA concept of "personal income."

Data on consumer income collected in the CPS by the Bureau of the Census cover money income received (exclusive of certain money receipts such as capital gains) before payments for personal income taxes, Social Security, union dues, Medicare deductions, etc. Therefore, money income does not reflect the fact that some families receive part of their income in the form of noncash benefits (see Section 13) such as food stamps, health benefits, and subsidized housing; that some farm families receive noncash benefits in the form of rent-free housing and goods produced and consumed on the farm; or that noncash benefits are also received by some nonfarm residents which often take the form of the use of business transportation and facilities, full or partial payments by business for retirement programs, medical and educational expenses, etc. These elements should be considered when comparing income levels. For data on noncash benefits, see Section 13. None of the aggregate income concepts (GNP, national income, or personal income) is exactly comparable with money income, although personal income is the closest.

Several changes were made in the collection and presentation of data from the March 1980 CPS. The changes include (1) the use of a more detailed income questionnaire for all sample households, (2) the use of an expanded sample, (3) the implementation of the "householder" concept rather than the traditional "head" concept, (4) the exclusion of a small number of "secondary families" from the count of all families, (5) the use of more detailed income intervals in the upper range of the income distribution, (6) the introduction of the new farm definition, and (7) the restriction of the population with income to persons 15 years old and over. For more information on the impact and comparability, see the source.

Beginning in the March 1981 Current Population Survey, 1980 census population controls were used; for income years 1971 through 1979, 1970 census population controls had been used. This change had little impact on income summary measures (means and medians) and proportional measures (percent distributions and poverty rates); however, use of the controls may have significant impact on the absolute numbers.

In October 1983, the Census Bureau began to collect data under the new Survey of Income and Program Participation (SIPP). The information supplied by this survey is expected to provide better measures of the status and changes in income distribution and poverty of households and persons in the United States. The data collected in SIPP will be used to study Federal and State aid programs (such as food stamps, welfare, Medicaid, and subsidized housing), to estimate program costs and coverage, and to assess the effects of proposed changes in program eligibility rules or benefit levels. The core questions are repeated at each interview and cover labor force activity, the types and amounts of income received, and participation status in various programs. The core also contains questions covering attendance in postsecondary schools and private health insurance coverage. Various supplements or topical modules covering areas such as educational attainment, assets and liabilities, and pension plan coverage are periodically included.

Poverty.—Families and unrelated individuals are classified as being above or below the poverty level using the poverty index originated at the Social Security Administration in 1964 and revised by Federal Interagency Committees in 1969 and 1980. The poverty index is based solely on money income and does not reflect the fact that many low-income persons receive noncash benefits such as food stamps, medicaid, and public housing. The index is based on the Department of Agriculture's 1961 economy food plan and reflects the different consumption requirements of families based on their size and composition. The poverty thresholds are updated every year to reflect changes in the Consumer Price Index. The following technical changes to the thresholds were made in 1981: (1) distinctions based on sex of householder have been eliminated; (2) separate thresholds for farm families have been dropped; and (3) the matrix has been expanded to families of nine or more persons from the old cutoff of seven or more persons. These changes have been incorporated in the calculation of poverty data beginning with 1981. The table on page 430 shows

the average thresholds used for selected years between 1970 and 1984. See *Current Population Reports,* series P-60, Nos. 138 and 149, for more details.

WEIGHTED AVERAGE POVERTY LEVELS BASED ON MONEY INCOME FOR FAMILIES AND UNRELATED INDIVIDUALS: 1970 TO 1984

SIZE OF UNIT	1970 [1]	1975 [1]	1979 [1]	1980 [1]	1981	1982	1983	1984
1 person (unrelated individual)	$1,954	$2,724	$3,689	$4,190	$4,620	$4,901	$5,061	$5,278
Under 65 years	2,010	2,797	3,779	4,290	4,729	5,019	5,180	5,400
65 years and over	1,861	2,581	3,479	3,949	4,359	4,626	4,775	4,979
2 persons	2,525	3,506	4,725	5,363	5,917	6,281	6,483	6,762
Householder under 65 years	2,604	3,617	4,878	5,537	6,111	6,487	6,697	6,983
Householder 65 years and over	2,348	3,257	4,390	4,983	5,498	5,836	6,023	6,282
3 persons	3,099	4,293	5,784	6,565	7,250	7,693	7,938	8,277
4 persons	3,968	5,500	7,412	8,414	9,287	9,862	10,178	10,609
5 persons	4,680	6,499	8,775	9,966	11,007	11,684	12,049	12,566
6 persons	5,260	7,316	9,914	11,269	12,449	13,207	13,630	14,207
7 or more persons	6,468	9,022	12,260	13,955	(NA)	(NA)	(NA)	(NA)
7 persons	(NA)	(NA)	(NA)	(NA)	14,110	15,036	15,500	16,096
8 persons	(NA)	(NA)	(NA)	(NA)	15,655	16,719	17,170	17,961
9 or more persons	(NA)	(NA)	(NA)	(NA)	18,572	19,698	20,310	21,247

NA Not available. [1] Poverty levels for nonfarm families.

Personal wealth.—Personal wealth estimates, issued by the IRS, are based on a sample of Federal estate tax returns which must be filed for deceased persons. Estimates are weighted to adjust for age, sex, and "social class" (as determined by IRS through insurance holdings). Gross estate is the gross value of all assets, including the full face value of life insurance (reduced by policy loans), before reduction by the amount of debts. The level of gross estate or gross assets required for filing estate tax returns increased from $60,000 which defined top wealthholders in 1972, to $120,000 for 1976. Net worth is one's level of worth after all debts have been removed.

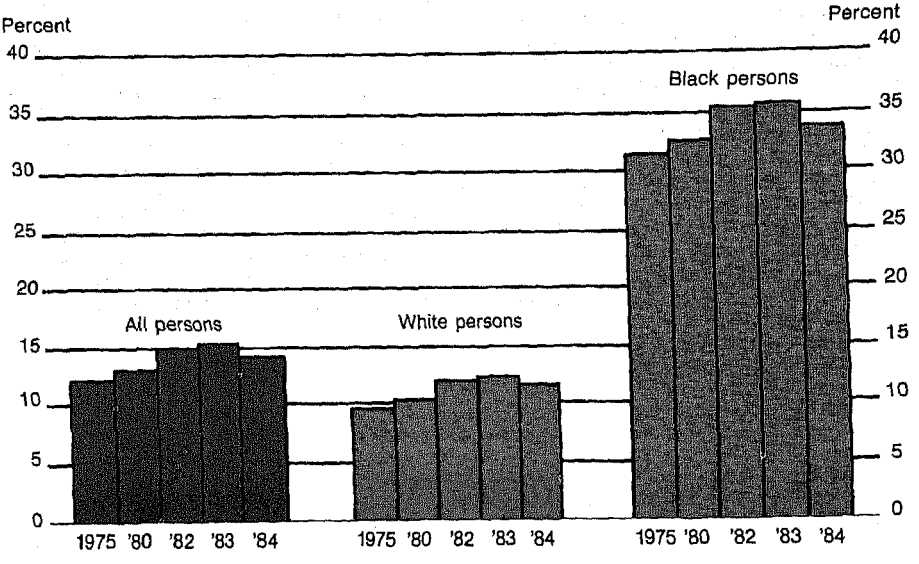
Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986.* For cross-references, see Appendix VI.

Figure 15.2

Percent of Persons Below Poverty Level: 1975 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 766.

No. 718. Gross National Product—Summary: 1929 to 1984

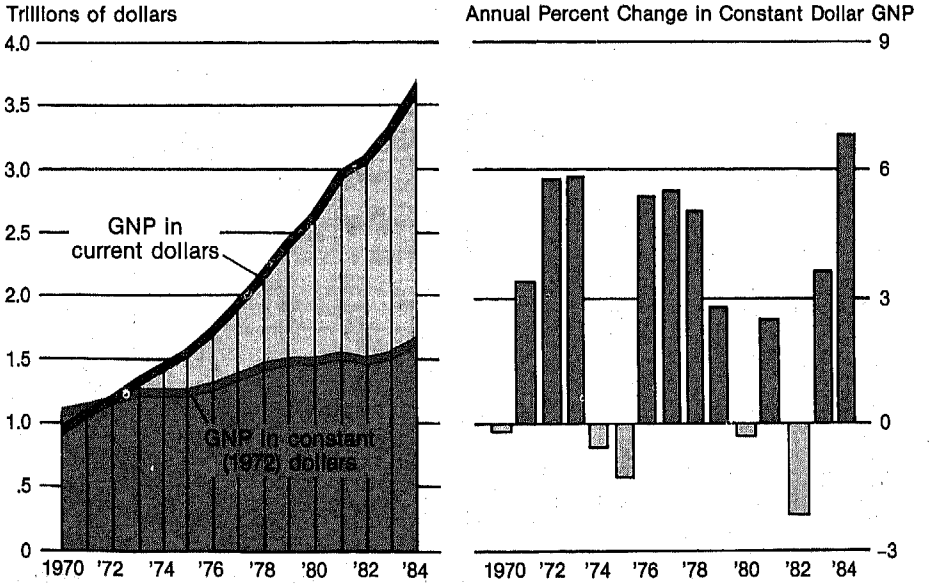
[**In billions of dollars.** Prior to 1960, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series F 1 and F 32–70, for single-year figures prior to revisions issued in 1981]

Year	Gross national product	Personal consumption expenditure	Gross private domestic investment	Net exports of goods and services	Govt. purchases, goods and services	By major type of product			By sector			
						Goods	Services	Structures	Business	Households and institutions	Government	Rest of the world
1929	103.4	77.3	16.2	1.1	8.8	56.1	35.9	11.4	95.4	2.9	4.3	.8
1930	90.7	69.9	10.2	1.0	9.5	47.0	34.5	9.2	82.8	2.7	4.5	.7
1933	55.8	45.8	1.4	.4	8.2	27.0	25.9	2.9	49.1	1.7	4.7	.3
1940	100.0	71.0	13.1	1.8	14.2	56.0	35.7	8.3	89.4	2.4	7.8	.4
1945	212.4	119.5	10.6	−.5	82.8	128.9	77.0	6.5	172.8	4.1	35.2	.4
1950	286.5	192.0	53.8	2.2	38.5	162.4	88.5	35.6	257.5	6.4	20.9	1.6
1955	400.0	253.7	68.4	3.0	75.0	214.5	136.1	49.5	354.0	9.1	34.2	2.8
1960	506.5	324.9	75.9	5.5	100.3	254.2	193.8	58.5	442.0	13.8	47.1	3.6
1965	691.1	430.4	113.5	8.8	138.4	338.4	273.3	79.3	598.4	19.2	67.6	5.9
1970	992.7	621.7	144.2	6.7	220.1	459.9	429.9	102.9	837.3	32.3	115.8	7.3
1971	1,077.6	672.2	166.4	4.1	234.9	485.3	472.0	120.3	907.1	35.4	126.0	9.2
1972	1,185.9	737.1	195.0	.7	253.1	529.6	519.0	137.3	998.6	38.6	137.8	10.9
1973	1,326.4	812.0	229.8	14.2	270.4	604.1	571.5	150.8	1,118.7	42.1	149.6	16.0
1974	1,434.2	888.1	228.7	13.4	304.1	646.7	636.1	151.4	1,206.4	45.8	162.2	19.8
1975	1,549.2	976.4	206.1	26.8	339.9	694.0	705.2	150.0	1,301.7	50.6	179.6	17.3
1976	1,718.0	1,084.3	257.9	13.8	362.1	771.1	779.3	167.6	1,447.3	55.6	194.6	20.5
1977	1,918.3	1,204.4	324.1	−4.0	393.8	855.0	867.2	196.1	1,624.0	60.5	210.3	23.5
1978	2,163.9	1,346.5	386.6	−1.1	431.9	958.6	972.2	233.1	1,837.2	67.8	229.3	29.6
1979	2,417.8	1,507.2	423.0	13.2	474.4	1,065.6	1,089.7	262.5	2,052.1	75.6	247.4	42.6
1980	2,631.7	1,668.1	401.9	23.9	537.8	1,140.6	1,225.2	265.9	2,228.1	85.3	273.0	45.3
1981	2,957.8	1,849.1	484.2	28.0	596.5	1,294.8	1,373.0	289.9	2,511.9	96.2	299.4	50.3
1982	3,069.3	1,984.9	414.9	19.0	650.5	1,276.8	1,510.8	281.7	2,589.0	107.4	324.9	48.0
1983	3,304.8	2,155.9	471.6	−8.3	685.5	1,355.7	1,639.3	309.8	2,790.8	116.5	349.2	48.3
1984	3,662.8	2,341.8	637.8	−64.2	747.4	1,543.0	1,763.3	356.5	3,120.5	123.5	375.3	43.6

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July issues.

Figure 15.3

Gross National Product (GNP): 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 719.

No. 719. GNP IN CURRENT AND CONSTANT (1972) DOLLARS: 1970 TO 1984

[**In billions of dollars, except as indicated.** See *Historical Statistics, Colonial Times to 1970*, series F 1, F 5, and F 47-70 for single-year figures prior to revisions issued in 1981]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
CURRENT DOLLARS												
Gross national product (GNP)	**993**	**1,434**	**1,549**	**1,718**	**1,918**	**2,164**	**2,418**	**2,632**	**2,958**	**3,069**	**3,305**	**3,663**
Annual percent change[1]	5.1	8.1	8.0	10.9	11.7	12.8	11.7	8.8	12.4	3.8	7.7	10.8
Implicit price deflator[2]	91.5	115.1	125.8	132.3	140.1	150.4	163.4	178.4	195.6	207.4	215.3	223.4
Personal consumption expenditure	**622**	**888**	**976**	**1,084**	**1,204**	**1,346**	**1,507**	**1,668**	**1,849**	**1,985**	**2,156**	**2,342**
Durable goods	85	122	132	157	178	200	213	215	235	245	280	319
Nondurable goods	266	373	407	442	479	528	600	669	731	758	802	857
Services	271	393	437	486	547	618	694	785	883	982	1,074	1,166
Gross private domestic investment	**144**	**229**	**206**	**258**	**324**	**387**	**423**	**402**	**484**	**415**	**472**	**638**
Fixed investment	141	215	213	246	301	360	409	412	458	441	485	580
Nonresidential	104	157	158	174	205	249	290	309	354	350	353	426
Residential	37	58	55	72	96	111	119	103	104	91	132	154
Change in business inventories	3	14	−7	12	23	26	14	−10	26	−26	−13	58
Net exports	**7**	**13**	**27**	**14**	**−4**	**−1**	**13**	**24**	**28**	**19**	**−8**	**−64**
Exports, goods and services	66	146	155	171	183	219	281	339	370	348	336	364
Imports, goods and services	59	133	128	157	187	220	268	315	342	329	344	428
Government purchases[3]	**220**	**304**	**340**	**362**	**394**	**432**	**474**	**538**	**596**	**650**	**686**	**747**
Federal	96	111	123	129	143	154	168	197	229	259	270	295
National defense	74	77	83	86	93	100	112	131	154	180	200	222
State and local	124	193	217	233	250	278	306	341	368	392	416	452
Final sales[4]	**990**	**1,420**	**1,556**	**1,706**	**1,895**	**2,137**	**2,403**	**2,641**	**2,932**	**3,095**	**3,318**	**3,605**
CONSTANT (1972) DOLLARS												
Gross national product (GNP)	**1,086**	**1,246**	**1,232**	**1,298**	**1,370**	**1,439**	**1,479**	**1,475**	**1,512**	**1,480**	**1,535**	**1,639**
Annual percent change[1]	6.0	−.6	−1.2	5.4	5.5	5.0	2.8	−.3	2.5	−2.1	3.7	6.8
Personal consumption expenditure	**672**	**763**	**779**	**823**	**864**	**903**	**928**	**932**	**950**	**963**	**1,009**	**1,062**
Durable goods	89	112	113	127	138	147	147	137	141	140	157	178
Nondurable goods	284	303	307	322	333	344	353	356	361	363	378	394
Services	299	348	359	375	393	412	427	439	449	460	475	491
Gross private domestic investment	**159**	**195**	**155**	**185**	**214**	**237**	**236**	**209**	**231**	**194**	**221**	**290**
Fixed investment	156	184	162	177	201	221	229	213	220	205	225	265
Nonresidential	114	136	119	126	140	158	170	166	175	167	171	205
Residential	41	48	42	51	61	62	59	47	45	38	54	60
Change in business inventories	4	12	−7	8	13	16	7	−4	11	−10	−4	25
Net exports	**4**	**28**	**32**	**25**	**22**	**24**	**37**	**50**	**44**	**30**	**13**	**−15**
Exports, goods and services	70	108	104	110	113	127	146	159	160	148	139	146
Imports, goods and services	67	81	71	85	91	103	109	109	116	118	127	161
Government purchases[3]	**251**	**260**	**265**	**265**	**269**	**275**	**278**	**284**	**287**	**293**	**292**	**302**
Federal	111	97	97	97	100	100	102	106	110	117	116	122
National defense	(NA)	67	66	65	65	66	67	70	74	79	85	90
State and local	140	164	168	168	169	174	176	178	177	176	176	180
Final sales[4]	**1,082**	**1,235**	**1,238**	**1,290**	**1,356**	**1,423**	**1,472**	**1,479**	**1,501**	**1,490**	**1,538**	**1,615**

NA Not available. [1] Change from prior year shown; for 1970, change from 1969, for 1974, change from 1973. [2] 1972=100. [3] Purchases of goods and services. [4] GNP minus inventory change.

No. 720. GNP COMPONENTS—ANNUAL GROWTH RATES: 1965 TO 1984

[**Percent.** Represents changes in constant 1972 dollar GNP. GNP = Gross national product. See headnote, table 724. Minus sign (−) indicates decline]

PERIOD	GNP	PERSONAL CONSUMPTION EXPENDITURE				GROSS PRIVATE DOMESTIC INVESTMENT			GOVERNMENT PURCHASES		Imports	Exports
		Total	Durable goods	Nondurable goods	Services	Total	Fixed investment		Federal	State and local		
							Residential	Nonresidential				
1965–1970	3.2	3.8	4.2	3.1	4.4	.9	−.9	3.2	2.0	5.1	9.9	6.4
1970–1971	3.4	3.7	10.2	1.7	3.6	9.7	31.0	−1.4	−6.2	4.2	4.2	.7
1971–1972	5.7	5.8	13.1	4.1	5.0	12.2	18.9	7.9	−2.0	3.5	10.6	9.2
1972–1973	5.8	4.2	9.2	2.2	4.3	11.5	−2.4	14.1	−5.7	4.0	6.8	25.6
1973–1974	−.6	−.7	−7.4	−1.6	2.6	−10.1	−22.7	−1.7	.8	3.9	−1.3	11.5
1974–1975	−1.2	2.2	.3	1.6	3.3	−20.8	−12.4	−12.1	.8	2.6	−11.6	−4.6
1975–1976	5.4	5.6	12.3	4.7	4.3	19.2	21.3	5.2	−.7	.4	18.6	6.3
1976–1977	5.5	5.0	9.0	3.6	4.9	16.1	18.6	11.7	3.8	.2	7.3	2.6
1977–1978	5.0	4.5	6.4	3.3	4.8	10.5	2.8	12.9	−.1	3.3	13.0	12.2
1978–1979	2.8	2.7	.3	2.5	3.7	−.2	−5.2	7.3	1.8	1.1	6.1	15.4
1979–1980	−.3	.5	−6.6	.7	2.7	−11.8	−20.4	−2.4	4.2	1.0	−.2	8.9
1980–1981	2.5	2.0	2.5	1.5	2.3	10.7	−5.4	5.6	3.6	−.6	7.0	.7
1981–1982	−2.1	1.4	−.3	.6	2.5	−15.8	−15.0	−4.7	6.1	−.6	1.3	−7.8
1982–1983	3.7	4.8	12.1	3.7	3.4	13.7	41.7	2.5	−.6	(−z)	7.6	−5.5
1983–1984	6.8	5.3	13.1	4.6	3.2	31.2	12.2	19.8	5.4	2.2	26.9	4.7

Z Less than −.05.

Source of tables 719 and 720: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July issues.

No. 721. Relation of GNP, National Income, and Personal Income: 1970 to 1984

[**In billions of dollars.** For definitions, see pp. 427–430. See *Historical Statistics, Colonial Times to 1970,* series F 6–9 and F 144–162, for figures prior to revisions issued in 1981]

ITEM	1970	1975	1976	1979	1980	1981	1982	1983	1984
Gross national product	**992.7**	**1,549.2**	**2,163.9**	**2,417.8**	**2,631.7**	**2,957.8**	**3,069.3**	**3,304.8**	**3,662.8**
Less: Capital consumption allowances [1]	88.1	159.3	222.5	256.0	293.2	330.3	358.8	377.1	403.3
Equals: Net national product [2]	**904.7**	**1,389.9**	**1,941.4**	**2,161.7**	**2,338.5**	**2,627.5**	**2,710.4**	**2,927.7**	**3,259.6**
Plus: Subsidies [3]	2.9	2.4	3.7	3.4	5.5	6.1	8.8	15.6	14.2
Less: Indirect business tax and nontax liability	94.3	140.1	178.2	189.6	213.4	251.3	258.8	280.4	304.0
Equals: National income [2]	**810.7**	**1,239.4**	**1,760.3**	**1,966.7**	**2,116.6**	**2,383.8**	**2,446.8**	**2,646.7**	**2,959.9**
Less: Corporate profits [4]	71.4	110.5	192.4	194.8	175.4	189.9	159.1	225.2	285.7
Net interest	41.4	84.5	121.7	153.8	192.6	241.0	260.9	256.6	284.1
Contributions for social insurance	58.6	110.9	161.8	186.9	203.7	236.8	251.3	272.7	305.0
Plus: Government transfer payments to persons	76.1	170.9	214.6	240.0	285.9	324.4	361.9	389.3	399.4
Personal interest income	69.4	123.2	179.4	218.7	266.0	331.8	366.6	376.3	433.7
Personal dividend income	22.2	29.9	45.3	50.8	56.8	64.3	66.5	70.3	77.7
Business transfers	4.1	7.4	9.3	10.3	11.7	12.9	14.1	15.6	17.3
Equals: Personal income	**811.1**	**1,265.0**	**1,732.7**	**1,951.2**	**2,165.3**	**2,429.5**	**2,584.6**	**2,744.2**	**3,012.1**
Less: Personal tax and nontax payments	115.8	168.9	258.7	301.0	336.5	387.7	404.1	404.2	435.3
Equals: Disposable personal income	**695.3**	**1,096.1**	**1,474.0**	**1,650.2**	**1,828.9**	**2,041.7**	**2,180.5**	**2,340.1**	**2,576.8**
Less: Personal outlays	639.5	1,001.8	1,384.6	1,553.5	1,718.7	1,904.3	2,044.5	2,222.0	2,420.7
Equals: Personal saving	**55.8**	**94.3**	**89.4**	**96.7**	**110.2**	**137.4**	**136.0**	**118.1**	**156.1**

[1] With capital consumption adjustment. [2] Includes items not shown separately. [3] Less current surplus of government enterprises. [4] With inventory valuation and capital consumption adjustments.

No. 722. Gross National Product, by Industry: 1970 to 1984

[**In billions of dollars.** The current-dollar data differ from national income by industry (table 731) for two reasons: (1) Data include non-factor charges (capital consumption allowances and indirect business taxes, etc.) as well as factor charges against gross product; and (2) Corporate profits have been shifted from a company to an establishment basis. See *Historical Statistics, Colonial Times to 1970,* series F 130–143, for single-year figures prior to revisions issued in 1981]

INDUSTRY	CURRENT DOLLARS						CONSTANT (1972) DOLLARS					
	1970	1980	1981	1982	1983	1984	1970	1980	1981	1982	1983	1984
All industries, total	**992.7**	**2,631.7**	**2,957.8**	**3,069.3**	**3,304.8**	**3,662.8**	**1,085.6**	**1,475.0**	**1,512.2**	**1,480.0**	**1,534.7**	**1,639.3**
Agriculture, forestry, fisheries	28.6	76.8	90.4	85.5	72.7	91.1	34.4	39.9	45.3	44.1	39.1	45.1
Mining	17.6	96.0	132.3	125.1	112.4	118.5	18.9	21.6	22.5	21.6	21.0	22.4
Construction	48.9	119.8	122.8	123.7	130.7	148.0	53.4	52.2	50.1	48.9	50.2	54.7
Manufacturing	252.2	581.5	643.6	630.6	685.2	775.7	261.2	351.0	359.7	336.6	354.1	391.2
Durable	146.2	350.4	386.8	364.0	389.7	454.3	155.2	210.2	216.3	196.9	208.2	238.2
Nondurable	105.9	231.1	256.8	266.5	295.5	321.9	106.0	140.8	143.4	139.7	145.9	153.0
Transportation	38.7	98.5	106.0	106.4	114.9	129.8	42.7	52.2	50.5	45.9	47.3	50.1
Communication	23.8	67.0	76.7	85.9	92.4	102.8	26.1	52.7	55.7	57.2	58.9	63.3
Electric, gas, sanitary services	23.1	66.4	78.4	88.4	99.4	109.6	26.1	34.7	36.6	35.5	36.3	37.6
Trade	166.5	428.8	474.1	489.6	536.2	601.8	176.4	246.0	252.7	250.3	266.7	294.1
Wholesale	68.2	190.5	212.2	211.7	228.9	264.9	72.1	104.2	108.8	107.6	114.4	129.6
Retail	98.4	238.2	261.9	277.9	307.3	336.9	104.4	141.7	143.9	142.7	152.3	164.5
Finance, insurance, real estate	142.4	398.7	450.1	491.0	542.5	598.1	155.8	235.6	243.6	248.1	253.5	265.1
Services	114.4	342.6	389.4	430.9	477.5	529.4	126.7	189.1	197.6	200.2	206.8	218.7
Government [1]	130.5	308.1	338.1	364.7	392.1	421.9	152.9	177.5	178.1	177.9	178.3	179.6
Statistical discrepancy	−1.5	2.3	5.6	−.5	.5	−7.4	−1.7	1.3	2.9	−.3	.2	−3.6
Residual	(x)	(x)	(x)	(x)	(x)	(x)	4.7	−4.6	−8.9	−9.4	−.4	1.3
Rest of the world	7.3	45.3	50.3	48.0	48.3	43.6	8.0	25.7	25.9	23.3	22.5	19.6

X Not applicable. [1] Includes government enterprises.

No. 723. Per Capita Income and Product for Selected Items: 1970 to 1984

[Based on Bureau of the Census estimated population including Armed Forces abroad; based on quarterly averages. See *Historical Statistics, Colonial Times to 1970,* series F 17–30, for single-year figures prior to minor revisions issued in 1981]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
CURRENT DOLLARS											
Gross national product	4,841	7,173	7,878	8,708	9,720	10,741	11,558	12,856	13,210	14,090	15,475
Personal income	3,955	5,857	6,379	6,993	7,783	8,668	9,510	10,560	11,124	11,700	12,726
Disposable personal income	3,390	5,075	5,477	5,965	6,621	7,331	8,032	8,874	9,385	9,977	10,887
Personal consumption expenditures	3,031	4,521	4,972	5,468	6,048	6,695	7,326	8,037	8,543	9,192	9,894
Durable goods	415	612	719	809	899	948	943	1,023	1,055	1,193	1,347
Nondurable goods	1,296	1,886	2,025	2,174	2,373	2,666	2,937	3,176	3,260	3,418	3,620
Services	1,320	2,023	2,227	2,485	2,776	3,082	3,445	3,838	4,227	4,581	4,927
CONSTANT (1972) DOLLARS											
Gross national product	5,293	5,702	5,953	6,218	6,462	6,572	6,478	6,573	6,370	6,543	6,926
Disposable personal income	3,665	4,051	4,158	4,280	4,441	4,512	4,487	4,561	4,555	4,670	4,939
Personal consumption expenditures	3,277	3,609	3,774	3,924	4,057	4,121	4,093	4,131	4,146	4,303	4,489
Durable goods	434	522	580	626	659	654	604	612	605	671	757
Nondurable goods	1,384	1,424	1,476	1,513	1,547	1,568	1,562	1,568	1,563	1,605	1,663
Services	1,459	1,664	1,718	1,784	1,851	1,898	1,927	1,951	1,979	2,027	2,074

Source of tables 721–723: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* April and July issues.

No. 724. Annual Growth Rates of Real GNP: 1967 to 1984

[**Percent.** Figures represent average annual compounded rates of change in real gross national product, based on estimates by Dept. of Commerce of gross national product (expressed in constant 1972 dollars). Minus sign (–) indicates decline. To obtain annual rate of change between any 2 years shown, find column for initial year at top of table and read figure in that column opposite terminal year shown at left. See *Historical Statistics, Colonial Times to 1970*, series F 31, for single-year figures prior to revisions issued in 1981]

TERMINAL YEAR	INITIAL YEAR																
	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
1968	4.6	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1969	3.7	2.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1970	2.4	1.3	–.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1971	2.6	2.0	1.6	3.4	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1972	3.2	2.9	2.9	4.5	5.7	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1973	3.7	3.5	3.6	4.9	5.7	5.6	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1974	3.0	2.8	2.8	3.5	3.6	2.5	–.6	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1975	2.5	2.2	2.1	2.6	2.4	1.3	–.9	–1.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1976	2.8	2.6	2.6	3.0	3.0	2.3	1.2	2.1	5.4	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1977	3.1	2.9	2.9	3.4	3.4	2.9	2.2	3.2	5.5	5.5	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1978	3.3	3.1	3.2	3.6	3.6	3.3	2.8	3.7	5.3	5.3	5.0	(X)	(X)	(X)	(X)	(X)	(X)
1979	3.2	3.1	3.1	3.5	3.5	3.2	2.8	3.5	4.7	4.5	3.9	2.8	(X)	(X)	(X)	(X)	(X)
1980	2.9	2.8	2.8	3.1	3.1	2.8	2.3	2.9	3.7	3.2	2.5	1.3	–.3	(X)	(X)	(X)	(X)
1981	2.9	2.8	2.8	3.1	3.0	2.7	2.4	2.8	3.5	3.1	2.5	1.7	1.2	2.5	(X)	(X)	(X)
1982	2.6	2.4	2.4	2.6	2.6	2.2	1.9	2.2	2.7	2.2	1.6	.7	(Z)	.2	–2.1	(X)	(X)
1983	2.6	2.5	2.5	2.7	2.6	2.4	2.0	2.3	2.8	2.4	1.9	1.3	.9	1.3	.7	3.7	(X)
1984	3.3	3.2	3.2	3.4	3.3	2.7	2.5	2.8	3.2	3.0	2.6	2.2	2.1	2.7	2.7	5.3	6.8

X Not applicable. Z Less than .05.

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860–1970.*

No. 725. Annual Growth Rates of Real Gross Domestic Product—International Comparisons, Selected Periods: 1950 to 1983

[**In percent.** See headnote, table 724. See also *Historical Statistics, Colonial Times to 1970*, series F 10–16. Minus sign (–) indicates decline]

COUNTRY	1950–83	1950–60	1960–70	1970–80	1974–75	1975–76	1976–77	1977–78	1978–79	1979–80	1980–81	1981–82	1982–83
United States	3.1	3.2	3.9	2.9	–.8	4.7	5.5	4.7	2.6	–.4	3.4	–3.0	2.9
Per capita	1.8	1.4	2.6	1.9	–1.7	3.7	4.4	3.6	1.5	–1.6	2.4	–3.9	2.0
Canada	4.3	4.6	5.2	4.1	1.1	6.1	2.2	3.9	3.4	1.0	4.0	–4.3	2.8
Per capita	2.4	1.9	3.4	2.9	–.4	4.8	1.1	2.8	2.4	–.2	2.7	–5.5	1.8
France	4.3	4.6	5.6	3.6	.2	5.2	3.1	3.8	3.3	1.1	.2	2.0	1.0
Per capita	3.4	3.6	4.5	3.0	–.3	4.8	2.7	3.4	2.9	.6	–.2	1.5	.6
Germany, F.R	4.6	8.0	4.6	2.8	–1.7	5.5	3.1	3.1	4.2	1.8	-	–1.0	1.0
Per capita	3.8	6.4	3.6	2.7	–1.3	6.0	3.3	3.2	4.1	1.5	–.2	–.9	1.3
Italy	[1] 4.3	[1] 5.5	5.7	3.1	–3.6	6.9	1.9	2.7	4.9	3.9	.2	–.4	–1.2
Per capita	[1] 3.6	[1] 4.8	5.0	2.6	–4.2	5.4	1.8	2.0	4.6	3.7	-	–.7	–1.5
Japan	[2] 7.4	[2] 8.0	10.6	4.9	2.3	5.3	5.3	5.0	5.1	4.9	4.2	3.0	3.0
Per capita	[2] 6.2	[2] 6.9	9.5	3.6	1.1	4.1	4.3	4.1	4.2	4.1	3.5	2.3	2.3
United Kingdom	2.4	2.8	2.8	1.9	–.7	3.8	1.0	3.6	2.1	–2.2	–1.1	1.9	3.3
Per capita	2.1	2.4	2.2	1.8	–.7	3.9	1.0	3.6	2.0	–2.3	–1.3	2.0	3.2

- Represents zero. [1] Initial year 1951. [2] Initial year 1952.

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860–1970*, using data from the Organization for Economic Cooperation and Development.

No. 726. Gross Domestic Product of Selected Countries as Percent of United States: 1960 to 1983

[Comparisons are based on constant (1980) price data converted to U.S. dollars using 1980 exchange rates. See text, p. 427]

COUNTRY	GROSS DOMESTIC PRODUCT								PER CAPITA GROSS DOMESTIC PRODUCT							
	1960	1970	1975	1979	1980	1981	1982	1983	1960	1970	1975	1979	1980	1981	1982	1983
United States	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Canada	8	9	10	10	10	10	10	10	79	85	95	93	94	95	93	93
France	20	23	25	25	24	26	25		79	95	104	104	107	104	110	108
Germany, F.R	30	32	31	31	31	30	31	30	96	107	109	112	116	113	116	116
Italy	12	15	15	15	15	15	15	14	45	57	58	58	61	60	62	60
Japan	16	33	37	38	40	40	43	43	34	65	71	74	78	79	84	84
United Kingdom	25	23	22	21	20	20	21	21	86	83	86	83	83	80	85	86

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860–1970*, using data from the Organization for Economic Cooperation and Development.

No. 727. Selected International Economic Indicators: 1970 to 1984

[Data cover gross national product (GNP) at market prices, except for France, Italy, and the United Kingdom, which relate to gross domestic product. Gross fixed capital formation covers private and government sectors except military. Savings data are calculated by deducting outlays—such as personal consumption expenditures, interest paid, and transfer payments to foreigners—from disposable personal income. Minus sign (−) indicates decline]

YEAR	United States	France	Germany, Fed. Rep.	Italy	Netherlands	United Kingdom	Japan	Canada
GNP growth rates [1] (constant 1972 prices):								
1970	−.2	5.7	5.0	5.3	(NA)	2.2	9.9	2.5
1979	2.8	3.3	4.0	4.9	2.3	2.1	5.2	3.2
1980	−.3	1.0	1.9	3.9	.8	−2.1	4.8	1.1
1981	2.5	.2	−.3	.2	−.8	−1.1	4.0	3.3
1982	−2.1	2.0	−1.1	−.4	−1.6	1.9	3.3	−4.4
1983	3.7	.7	1.3	−1.2	−.5	3.2	3.0	3.9
1984	6.8	1.6	2.6	2.6	1.7	1.6	6.2	4.7
Ratio of gross fixed capital formation to GNP (current prices):								
1970	17.4	23.3	25.5	23.1	(NA)	18.3	35.6	21.0
1979	19.5	21.4	21.8	18.8	21.1	18.7	32.1	23.1
1980	18.3	21.8	22.8	19.8	21.1	18.1	32.0	23.3
1981	17.8	21.3	21.9	20.3	19.4	16.4	31.1	24.1
1982	16.6	20.5	20.6	19.2	18.3	16.5	29.9	22.1
1983	16.7	[2] 19.7	20.6	18.1	18.1	16.3	28.4	19.9
1984	17.8	[2] 18.9	20.4	18.1	18.1	17.2	28.0	18.6
Ratio of savings to disposable personal income:								
1970	8.0	16.7	14.6	[3] 21.6	(NA)	9.3	18.2	5.3
1979	5.9	16.2	13.9	25.3	11.6	14.1	18.7	11.3
1980	6.0	14.7	14.2	22.0	10.9	15.2	19.2	12.1
1981	6.7	15.6	14.9	24.0	12.7	13.5	19.7	13.8
1982	6.2	15.5	14.4	24.0	14.8	12.9	17.6	15.1
1983	5.0	(NA)	13.2	22.5	13.0	10.9	17.3	12.9
1984	6.1	(NA)	12.8	(NA)	(NA)	11.5	(NA)	13.2

NA Not available. [1] Growth rates represent percentage change from preceding year. [2] Preliminary. [3] Estimated.

Source: U.S. Dept. of Commerce, International Trade Administration, *International Economic Indicators*, quarterly.

No. 728. Personal Consumption Expenditures, in Current and Constant (1972) Dollars by Major Type of Product: 1970 to 1984

[In billions of dollars. Represents market value of goods and services purchased by individuals and nonprofit institutions, and value of food, clothing, housing, and financial services received by them as income in kind. See *Historical Statistics, Colonial Times to 1970*, series G 416–469, for single years prior to revisions issued in 1981]

TYPE OF PRODUCT	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total, current dollars	**621.7**	**976.4**	**1,204.4**	**1,346.5**	**1,507.2**	**1,668.1**	**1,849.1**	**1,984.9**	**2,155.9**	**2,341.8**
Durable goods [1]	85.2	132.2	178.2	200.2	213.4	214.7	235.4	245.1	279.8	318.8
Motor vehicles and parts	36.2	55.8	84.8	95.7	96.6	90.7	101.9	108.7	129.3	149.8
Furniture and household equipment	35.2	53.5	65.7	72.8	81.8	86.3	92.3	94.4	104.1	117.0
Nondurable goods [1]	265.7	407.3	478.8	528.2	600.0	668.8	730.7	757.5	801.7	856.9
Food, beverages,[2] tobacco	149.7	228.5	266.4	293.9	330.8	365.8	396.9	417.8	444.8	474.4
Food, excl. alcoholic beverages	119.6	185.2	217.4	240.9	272.2	301.2	326.4	343.5	365.1	390.2
Alcoholic beverages	19.2	28.4	32.5	34.9	39.3	43.9	47.4	49.3	51.4	53.4
Tobacco products	10.8	14.8	16.6	18.0	19.3	20.6	23.0	25.0	28.3	30.8
Clothing, accessories, jewelry [1]	55.8	81.6	96.8	108.2	116.3	124.2	135.5	140.3	150.0	165.5
Clothing, accessories (except footwear)	39.0	58.8	69.5	77.6	82.7	87.1	95.8	99.3	106.4	116.0
Women's and children's	25.2	38.2	45.2	50.7	54.1	56.9	62.8	65.4	70.6	78.8
Men's and boys'	13.8	20.6	24.3	26.9	28.7	30.1	33.0	33.9	35.9	39.2
Shoes and other footwear	7.6	10.7	13.1	14.7	16.3	17.4	18.4	19.4	20.5	22.1
Jewelry and watches	3.9	6.4	7.8	8.8	9.5	11.1	12.2	12.0	12.8	14.2
Cleaning, storage, and repair of shoes and clothes	4.2	4.3	4.7	5.2	5.6	6.1	6.5	6.8	7.3	8.0
Gasoline and oil	22.4	40.4	48.1	51.2	66.6	84.8	94.6	90.4	90.0	91.4
Services [1]	270.8	437.0	547.4	618.0	693.7	784.5	883.0	982.2	1,074.4	1,166.2
Housing	93.9	149.8	185.9	209.6	236.1	266.2	302.0	333.8	363.3	397.9
Household operation	37.7	63.3	81.1	90.1	99.3	113.0	127.5	143.4	153.8	164.0
Transportation	22.0	33.2	46.4	51.2	56.3	61.1	65.0	68.2	72.5	78.3
Total, constant (1972) dollars	**672.1**	**779.4**	**864.3**	**903.2**	**927.6**	**931.8**	**950.5**	**963.3**	**1,009.2**	**1,062.4**
Durable goods [1]	89.1	112.7	138.0	146.8	147.2	137.5	140.9	140.5	157.5	178.1
Motor vehicles and parts	38.2	47.5	63.5	66.9	62.6	54.4	56.3	57.0	66.6	75.8
Furniture and household equipment	36.1	45.9	52.9	56.5	60.4	60.2	61.1	60.3	65.9	74.8
Nondurable goods	283.7	307.5	333.4	344.4	353.1	355.6	360.8	363.1	376.3	393.6
Gasoline and oil	22.9	25.6	27.7	28.3	27.4	25.1	25.1	25.3	26.1	25.1
Services [1]	299.3	359.3	393.0	412.0	427.3	438.8	448.8	459.8	475.4	490.8
Housing	102.0	128.3	141.3	148.5	154.8	159.8	164.8	167.5	171.3	177.7
Household operation	42.3	49.9	55.1	57.8	60.1	62.3	62.7	63.5	64.1	64.8
Transportation	25.2	29.6	32.7	34.0	35.0	33.2	32.0	31.6	31.7	32.7

[1] Includes items not shown separately. [2] Includes alcoholic and nonalcoholic beverages.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 729. National Income, by Type of Income: 1929 to 1984

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series F 163–185, for single-year figures prior to revisions issued in 1981]

TYPE OF INCOME	1929	1930	1933	1935	1940	1945	1947	1950	1955	1960
National income	**84.6**	**73.8**	**39.9**	**56.4**	**79.7**	**180.7**	**194.9**	**237.6**	**330.5**	**415.7**
Compensation of employees	51.1	46.8	29.5	37.3	52.1	123.1	129.2	154.8	224.9	294.9
Proprietors' income [1]	15.0	11.9	5.9	10.7	13.0	31.8	35.9	38.7	42.9	47.2
Rental income of persons [2]	4.9	4.4	2.2	1.8	2.7	4.6	5.3	7.1	11.3	14.5
Corporate profits [1]	9.0	5.8	−1.7	2.5	8.6	19.0	22.3	33.9	45.5	47.6
Net interest	4.7	4.9	4.1	4.1	3.3	2.2	2.3	3.0	5.9	11.4

	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984
National income	**572.4**	**810.7**	**1,239.4**	**1,760.3**	**1,966.7**	**2,116.6**	**2,363.8**	**2,446.8**	**2,646.7**	**2,959.9**
Compensation of employees	**396.5**	**612.0**	**931.4**	**1,301.1**	**1,458.1**	**1,599.6**	**1,765.4**	**1,864.2**	**1,984.9**	**2,173.2**
Wages and salaries	362.0	548.7	806.4	1,106.5	1,237.4	1,356.6	1,493.2	1,568.7	1,658.8	1,804.1
Private	292.1	431.6	630.3	886.8	1,001.4	1,096.4	1,208.6	1,262.2	1,331.1	1,454.2
Government and Government enterprises	69.9	117.1	176.1	219.7	236.0	260.3	284.6	306.5	327.7	349.9
Supplements to wages, salaries	34.5	63.2	125.0	194.6	220.7	243.0	272.2	295.5	326.2	369.0
Employer contributions for social insurance	16.7	30.7	60.5	92.1	105.8	115.0	132.3	140.0	153.1	173.5
Other labor income	17.8	32.5	64.5	102.5	114.9	128.0	140.0	155.5	173.1	195.5
Proprietors' income [1]	**56.9**	**66.2**	**90.0**	**118.5**	**132.1**	**117.4**	**125.1**	**111.1**	**121.7**	**154.4**
Farm	13.1	14.3	24.6	26.3	31.9	21.8	31.5	21.8	13.8	26.2
Nonfarm	43.8	51.9	65.4	92.2	100.2	95.6	93.7	89.2	107.9	126.2
Rental income of persons [2]	**18.0**	**19.7**	**23.0**	**26.6**	**27.9**	**31.5**	**42.3**	**51.5**	**58.3**	**62.5**
Corporate profits [1]	**80.0**	**71.4**	**110.5**	**192.4**	**194.8**	**175.4**	**189.9**	**159.1**	**225.2**	**285.7**
Profits before tax	77.2	75.4	132.1	229.1	252.7	234.6	221.2	165.5	203.2	235.7
Profits tax liability	30.9	34.2	50.6	83.2	87.6	84.8	81.1	60.7	75.8	89.8
Profits after tax	46.3	41.3	81.5	145.9	165.1	149.8	140.0	104.8	127.4	145.9
Dividends	19.1	22.5	30.8	47.0	52.7	58.6	66.5	69.2	72.9	80.5
Undistributed profits	27.2	18.8	50.7	98.9	112.4	91.2	73.5	35.6	54.5	65.4
Inventory valuation adjustment	−1.2	−6.6	−11.6	−24.0	−43.1	−42.9	−23.6	−9.5	−11.2	−5.7
Capital consumption adjustment	4.0	2.5	−10.1	−12.7	−14.8	−16.3	−7.6	3.1	33.2	55.7
Net interest	**21.0**	**41.4**	**84.5**	**121.7**	**153.8**	**192.6**	**241.0**	**260.9**	**256.6**	**284.1**

[1] With inventory valuation and capital consumption adjustments. [2] With capital consumption adjustment.

No. 730. National Income, by Sector: 1970 to 1983

[In billions of dollars. See *Historical Statistics, Colonial Times to 1970*, series F 192–209, for single-year figures prior to revisions issued in 1981]

SECTOR	1970	1975	1977	1978	1979	1980	1981	1982	1983
National income	**810.7**	**1,239.4**	**1,550.5**	**1,760.3**	**1,966.7**	**2,116.6**	**2,363.8**	**2,446.8**	**2,646.7**
Originating in business	**655.3**	**991.8**	**1,256.2**	**1,433.6**	**1,601.1**	**1,713.1**	**1,918.0**	**1,966.6**	**2,132.8**
Corporate business	476.5	736.4	953.1	1,089.3	1,210.9	1,303.1	1,451.2	1,471.3	1,599.6
Compensation of employees	400.8	617.4	783.0	894.9	1,015.2	1,111.9	1,228.5	1,281.5	1,357.1
Corporate profits [1]	64.9	97.5	152.1	172.7	164.2	146.5	165.5	136.7	200.4
Net interest	10.8	21.5	18.0	21.7	31.5	45.7	57.2	53.1	42.1
Sole proprietors, partnerships	118.5	160.7	188.8	214.6	242.2	239.2	265.6	269.2	283.3
Compensation of employees	46.8	57.9	68.2	76.1	83.4	88.4	95.2	102.1	109.6
Proprietors' income [1]	65.8	89.0	102.6	117.1	130.4	115.6	123.1	108.8	119.2
Net interest	6.0	13.9	18.0	21.4	28.4	35.1	47.2	58.4	54.5
Other private business [2]	47.2	73.3	89.7	102.8	118.3	137.3	163.6	186.9	207.4
Compensation of employees	3.1	4.5	5.5	6.1	6.9	7.7	8.5	9.3	10.1
Rental income of persons [3]	19.7	23.0	24.8	26.6	27.9	31.5	42.3	51.5	58.3
Proprietors' income [1]	.5	1.1	1.3	1.5	1.6	1.8	2.0	2.3	2.5
Net interest	23.9	44.7	58.2	68.6	81.9	96.3	110.7	123.7	136.5
Government enterprises [4]	13.0	21.4	24.6	26.9	29.6	33.4	37.6	39.2	42.5
Originating in—									
Government [4]	**115.8**	**179.6**	**210.3**	**229.3**	**247.4**	**273.0**	**299.4**	**324.9**	**349.2**
Households and institutions [5]	**32.3**	**50.6**	**60.5**	**67.8**	**75.6**	**85.3**	**96.2**	**107.4**	**116.5**
Rest of the world	**7.3**	**17.3**	**23.5**	**29.6**	**42.6**	**45.3**	**50.3**	**48.0**	**48.3**

[1] With inventory valuation and capital consumption adjustments. [2] Consists of all business activities reported on the individual income tax return in Schedule E—Supplemental Income Schedule; tax-exempt cooperatives; and owner-occupied nonfarm dwellings and buildings and equipment owned and used by nonprofit institutions serving individuals, which are considered to be business activities selling their current services to their owners. [3] With capital consumption adjustment. [4] Compensation of employees. [5] Compensation of employees in private households; nonprofit social and athletic clubs; labor organizations; nonprofit schools and hospitals; religious, charitable, and welfare organizations; and all other nonprofit organizations serving individuals.

Source of tables 729 and 730: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 731. National Income Without Capital Consumption Adjustments, by Industrial Origin: 1970 to 1983

[**In billions of dollars, except percent.** Represents net value added to production by industry, measured at factor costs. See *Historical Statistics, Colonial Times to 1970,* series F 226-237, for single-year figures prior to revisions issued in 1981]

INDUSTRY	1970	1975	1977	1978	1979	1980	1981	1982	1983
National income	814.8	1,267.4	1,586.0	1,802.0	2,015.8	2,174.0	2,414.0	2,486.9	2,651.9
Agriculture, forestry, fisheries	24.9	44.0	44.1	55.3	65.8	61.4	74.8	69.6	60.9
Farms	22.5	40.3	39.0	49.4	59.3	54.1	67.0	61.5	52.3
Mining	8.0	18.6	22.8	24.2	30.1	38.5	45.1	46.5	40.0
Construction	44.8	62.4	77.9	92.1	104.3	107.2	109.1	107.8	112.3
Manufacturing	215.1	317.7	413.2	464.7	508.9	526.5	581.3	549.6	579.9
Durable goods	127.4	185.6	249.7	285.7	310.6	312.0	340.5	311.4	329.5
Lumber and wood products	6.1	8.4	13.3	15.8	17.0	15.1	13.6	12.0	15.5
Furniture and fixtures	3.5	4.6	6.2	7.3	7.7	7.9	8.5	8.3	9.5
Stone, clay, and glass products	6.9	10.0	13.4	15.7	17.1	16.4	16.4	14.4	16.6
Primary metal products	15.2	24.3	28.5	34.4	38.4	37.6	41.4	28.0	28.6
Fabricated metal products	16.4	24.5	31.5	35.8	39.9	40.6	43.4	40.0	41.2
Machinery, except electrical	24.7	37.2	49.0	56.1	63.8	68.4	75.5	68.5	64.3
Electrical, electronic equipment	19.8	26.7	35.9	41.5	45.0	49.9	53.9	53.7	57.5
Transportation equipment [1]	12.6	16.0	19.6	22.8	26.3	29.0	31.2	31.5	31.6
Motor vehicles and equipment	12.0	19.2	33.3	35.1	32.4	21.9	26.8	24.8	34.4
Instruments, related products	6.3	9.2	12.2	14.0	15.3	17.4	20.2	21.0	21.7
Miscellaneous industries	3.8	5.5	6.9	7.3	7.6	7.8	9.7	9.0	8.6
Nondurable goods	87.7	132.1	163.4	179.0	198.3	214.6	240.8	238.3	250.4
Food and kindred products	19.3	30.7	33.5	35.4	38.1	41.3	45.9	46.2	46.9
Tobacco manufactures	1.7	2.3	2.9	3.4	3.8	4.1	4.4	4.7	5.3
Textile mill products	7.5	8.9	12.3	12.8	13.7	13.4	14.3	13.5	15.4
Apparel and other textile products	8.7	10.9	13.7	14.8	15.3	16.1	17.6	17.5	19.2
Paper and allied products	8.2	11.8	15.5	17.2	19.3	19.6	21.1	20.3	22.6
Printing and publishing	11.9	16.8	21.2	23.7	26.0	28.1	30.8	32.8	36.9
Chemicals and allied products	15.7	24.8	30.8	33.4	35.5	37.0	42.5	42.3	44.8
Petroleum and coal products	6.5	14.8	18.5	21.3	28.3	36.3	43.1	40.2	36.6
Rubber and misc. plastics products	6.0	8.7	12.3	13.9	15.1	14.9	17.2	16.7	18.5
Leather and leather products	2.2	2.4	2.9	3.2	3.3	3.8	4.0	4.0	4.0
Transportation [2]	30.6	45.7	60.3	68.5	75.7	80.4	84.3	83.3	87.7
Railroad transportation	7.7	10.2	13.1	14.3	15.9	17.4	16.4	15.9	15.9
Local and interurban passenger	2.3	2.9	3.4	3.5	3.8	4.3	4.4	4.6	4.6
Trucking and warehousing	11.9	19.1	25.2	29.2	32.0	33.0	35.4	34.9	36.7
Water transportation	2.5	3.4	4.2	4.7	5.4	5.9	6.3	6.1	5.8
Air transportation	4.4	7.2	10.3	11.9	12.5	13.3	14.3	14.3	16.4
Communications	17.6	26.8	34.5	39.9	43.4	48.2	54.6	59.3	60.1
Telephone and telegraph	15.9	24.0	30.3	35.2	38.3	42.8	48.7	52.8	52.9
Electric, gas, sanitary services	14.7	24.8	31.3	35.0	35.8	42.7	51.6	57.7	64.3
Wholesale and retail trade	123.5	195.3	238.8	267.4	296.6	316.6	349.4	358.9	386.4
Wholesale trade	46.9	81.1	97.8	109.8	126.3	137.6	153.8	153.0	161.2
Retail trade	76.6	114.2	140.9	157.6	170.3	179.1	195.6	206.0	225.2
Finance, insurance, real estate [2]	95.3	145.2	192.7	228.4	261.6	290.9	326.0	355.1	394.0
Banking	16.5	21.8	25.9	32.1	39.6	45.1	49.0	42.2	44.7
Insurance carriers	9.3	12.8	22.4	26.3	27.0	29.3	25.1	26.7	30.1
Insurance agents, brokers, etc	4.2	6.7	9.6	10.5	11.2	12.3	13.0	14.1	15.4
Real estate	61.2	98.1	128.2	149.5	172.7	195.8	223.7	250.4	273.3
Services [2]	104.1	168.7	212.1	240.7	274.0	310.0	350.6	387.0	426.6
Hotels and other lodging places	4.5	7.0	8.9	10.9	12.6	13.8	15.1	15.8	17.4
Personal services	7.6	8.6	10.4	11.6	12.5	13.3	14.0	15.0	16.4
Business services	15.0	24.0	32.8	38.5	46.5	53.0	61.4	69.1	77.9
Health services	29.4	54.1	68.0	76.0	86.1	99.6	115.3	131.0	144.9
Legal services	6.7	11.5	14.4	16.1	18.4	21.3	23.7	28.1	32.5
Educational services	7.0	11.0	11.7	12.7	14.0	15.4	17.0	18.5	19.8
Social services		4.8	6.0	7.2	8.3	9.5	10.4	10.9	11.9
Membership organizations	10.0	10.8	12.1	13.2	14.1	15.5	16.6	18.2	19.5
Private households	4.5	4.6	5.9	6.2	6.5	6.6	7.0	7.6	7.8
Government and govt. enterprises	128.9	201.0	234.9	256.2	277.1	306.3	337.0	364.1	391.7
Federal	53.2	71.9	81.2	87.8	93.3	102.8	115.2	124.3	132.8
State and local	75.7	129.1	153.8	168.4	183.8	203.6	221.8	239.8	258.9
Rest of the world	7.3	17.3	23.5	29.6	42.6	45.3	50.3	48.0	48.3
National income, percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, fisheries	3.1	3.5	2.8	3.1	3.3	2.8	3.1	2.8	2.3
Mining and construction	6.5	6.4	6.3	6.5	6.7	6.7	6.4	6.2	5.7
Manufacturing	26.4	25.1	26.1	25.8	25.2	24.2	24.1	22.1	21.9
Transportation	3.8	3.6	3.8	3.8	3.8	3.7	3.5	3.4	3.3
Communications and utilities	4.0	4.1	4.1	4.2	3.9	4.2	4.4	4.7	4.7
Wholesale and retail trade	15.2	15.4	15.1	14.8	14.7	14.6	14.5	14.4	14.6
Finance, insurance, real estate	11.7	11.5	12.2	12.7	13.0	13.4	13.5	14.3	14.9
Services	12.8	13.3	13.4	13.4	13.6	14.3	14.5	15.6	16.1
Government and govt. enterprises	15.8	15.9	14.8	14.2	13.7	14.1	14.0	14.6	14.8
Rest of the world	.9	1.4	1.5	1.6	2.1	2.1	2.1	1.9	1.8

[1] Excludes motor vehicles and equipment. [2] Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business,* July issues.

No. 732. Percent Distribution and Average Annual Percent Change of Shares of National Income, by Type: 1970 to 1984

[For definition of average annual percent change, see Guide to Tabular Presentation. See also headnote, table 729]

Type of income	Percent distribution						Avg. annual percent change				
	1970	1975	1980	1982	1983	1984	1970–1975	1975–1980	1980–1982	1982–1983	1983–1984
National income, total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**8.9**	**11.3**	**7.5**	**8.2**	**11.8**
Compensation of employees	75.5	75.1	75.6	76.2	75.0	73.4	8.8	11.4	8.0	6.5	9.5
Wages and salaries	67.7	65.1	64.1	64.1	62.7	61.0	8.0	11.0	7.5	5.7	8.8
Supplements to wages, salaries	7.8	10.1	11.5	12.1	12.3	12.5	14.6	14.2	10.3	10.4	13.1
Proprietors' income [1]	8.2	7.3	5.5	4.5	4.6	5.2	6.3	5.5	−2.7	9.6	26.9
Farm	1.8	2.0	1.0	.9	.5	1.0	11.4	−2.4	–	−37.0	104.6
Nonfarm	6.4	5.3	4.5	3.6	4.1	4.3	4.7	7.9	−3.4	21.0	16.9
Rental income of persons [2]	2.4	1.9	1.5	2.1	2.2	2.1	3.2	6.5	27.9	13.2	7.2
Corporate profits [1]	8.8	8.9	8.3	6.5	8.5	9.7	9.1	9.7	−4.8	41.5	26.9
Profits before tax	9.3	10.7	11.1	6.8	7.7	8.0	11.9	12.2	−16.0	22.8	16.0
Profits after tax	5.1	6.6	7.1	4.3	4.8	4.9	14.6	13.0	16.4	21.5	14.5
Inventory valuation adjustment	−.8	−.9	−2.0	−.4	−.4	−.2	(X)	(X)	(X)	(X)	(X)
Capital consumption adjustment	.3	−.8	−.8	.1	1.3	1.9	(X)	(X)	(X)	(X)	(X)
Net interest	5.1	6.8	9.1	10.7	9.7	9.6	15.3	17.9	16.4	−1.7	10.7

– Represents zero. X Not applicable. [1] See footnote 1, table 729. [2] See footnote 2, table 729.

Source: Compiled by U.S. Bureau of the Census; based on data from U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July issues.

No. 733. Personal Income and Its Disposition: 1970 to 1984

[In billions of dollars, except percent. For definition of personal income, see text, pp. 427 and 429. See *Historical Statistics, Colonial Times to 1970,* series F 262–286, for single-year figures prior to minor revisions issued in 1981]

Item	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Personal income	**811**	**1,265**	**1,391**	**1,540**	**1,733**	**1,951**	**2,165**	**2,429**	**2,585**	**2,744**	**3,012**
Wage and salary disbursements	549	806	890	983	1,106	1,238	1,357	1,493	1,569	1,659	1,804
Commodity-producing industry [1]	203	275	307	344	389	438	468	509	509	519	569
Manufacturing	158	211	237	266	299	334	355	386	383	395	434
Distributive industries [2]	130	196	217	239	271	303	331	362	379	399	432
Service industries [3]	98	160	177	198	227	260	298	338	374	413	453
Government and government enterprises	117	176	189	202	220	236	260	285	307	328	350
Other labor income	33	65	76	89	103	115	128	140	156	173	196
Proprietors' income [4]	66	90	94	104	119	132	117	125	111	122	154
Rental income of persons [5]	20	23	24	25	27	28	32	42	52	58	63
Personal dividend income	22	30	37	40	45	51	57	64	66	70	78
Personal interest income	69	123	133	153	179	219	266	332	367	376	434
Transfer payments	80	178	194	208	224	250	298	337	376	405	417
Old-age, survivors, disability, and health insurance benefits	38	81	93	105	116	132	154	182	205	222	237
Other	42	97	101	103	108	118	143	155	172	183	179
Less: Personal contributions for social insurance	28	50	55	61	70	81	89	104	111	120	133
Less: Personal tax and nontax payments	116	169	197	226	259	301	336	388	404	404	435
Equals: Disposable personal income	695	1,096	1,194	1,314	1,474	1,650	1,829	2,042	2,181	2,340	2,577
Less: Personal outlays [6]	640	1,002	1,112	1,236	1,385	1,553	1,719	1,904	2,045	2,222	2,421
Personal consumption expenditures	622	976	1,084	1,204	1,346	1,507	1,668	1,849	1,985	2,156	2,342
Interest paid by consumers	17	24	27	31	37	45	50	54	58	65	78
Equals: Personal saving	56	94	82	78	89	97	110	137	136	118	156
Percent of disposable personal income	8.0	8.6	6.9	5.9	6.1	5.9	6.0	6.7	6.2	5.0	6.1
Real disposable personal income [7]	752	875	907	943	989	1,016	1,022	1,049	1,058	1,095	1,169
Annual percent change [8]	4.1	3.1	3.7	3.8	4.9	2.7	.6	2.6	.9	3.5	6.7
PERCENT DISTRIBUTION											
Personal income	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Wage and salary disbursements	67.7	63.7	64.0	64.0	63.8	63.5	62.7	61.5	60.7	60.5	59.9
Other labor income	4.0	5.1	5.5	5.8	5.9	5.9	5.9	5.8	6.0	6.3	6.5
Proprietors' income [4]	8.2	7.1	6.8	6.7	6.8	6.8	5.4	5.1	4.3	4.4	5.1
Rental income of persons [5]	2.4	1.8	1.7	1.6	1.5	1.4	1.5	1.7	2.0	2.1	2.1
Personal dividend income	2.7	2.4	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Personal interest income	8.5	9.7	9.5	9.9	10.3	11.2	12.3	13.7	14.2	13.7	14.4
Transfer payments	9.9	14.1	13.9	13.5	12.9	12.8	13.7	13.9	14.5	14.8	13.8
Personal contributions for social insurance	−3.5	−4.0	−4.0	−4.0	−4.0	−4.2	−4.1	−4.3	−4.3	−4.4	−4.4

[1] Comprises agriculture, forestry, fisheries, mining, construction, and manufacturing. [2] Comprises transportation; communication; electric, gas, and sanitary services; and trade. [3] Comprises finance, insurance, and real estate; services; and rest of the world. [4] With capital consumption and inventory valuation adjustments. [5] With capital consumption adjustment. [6] Includes personal transfer payments to foreigners. [7] 1972 prices. [8] Represents average for period of intervals shown here; for 1970, change from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July issues.

NO. 734. PERSONAL INCOME IN CURRENT AND CONSTANT (1972) DOLLARS—STATES: 1970 TO 1984

[1984 preliminary. Represents a measure of income received from all sources during the calendar year by the residents of each State. Data exclude Federal employees overseas and, for 1980, U.S. residents employed by private U.S. firms on temporary foreign assignment. Totals may differ from those in tables 721, 723, and 733. See text, pp. 427 and 428. For composition of regions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series F 297-348, for single-year figures prior to revisions issued in 1981]

REGION, DIVISION, AND STATE	CURRENT DOLLARS (bil. dol.)				CONSTANT (1972) DOLLARS								
					Total (bil. dol.)				Percent change		Percent of U.S.		
	1970	1980	1983	1984	1970	1980	1983	1984	1970-1980	1980-1984	1970	1980	1984
U.S	**803.9**	**2,156.7**	**2,734.5**	**3,000.8**	**879.1**	**1,204.9**	**1,280.2**	**1,361.5**	**37.1**	**13.0**	**100.0**	**100.0**	**100.0**
Region:													
Northeast	217.4	494.9	633.6	691.4	237.7	276.5	296.6	313.7	16.3	13.5	27.0	22.9	23.0
Midwest	225.8	563.3	675.9	747.0	246.9	314.7	316.4	338.9	27.4	7.7	28.1	26.1	24.9
South	213.7	650.9	855.2	939.7	233.6	363.7	400.4	426.4	55.6	17.2	26.6	30.2	31.3
West	147.1	447.6	569.8	622.7	160.8	250.0	266.8	282.5	55.5	13.0	18.3	20.8	20.8
N.E	**51.1**	**124.0**	**162.7**	**179.2**	**55.9**	**69.3**	**76.2**	**81.3**	**23.9**	**17.4**	**6.4**	**5.8**	**6.0**
ME	3.3	8.7	11.3	12.3	3.6	4.9	5.3	5.6	35.6	14.9	.4	.4	.4
NH	2.8	8.5	11.6	12.8	3.1	4.8	5.4	5.8	55.0	22.5	.3	.4	.4
VT	1.6	4.1	5.2	5.7	1.7	2.3	2.4	2.6	32.3	12.7	.2	.2	.2
MA	24.8	58.0	76.5	84.5	27.1	32.4	35.8	38.3	19.4	18.4	3.1	2.7	2.8
RI	3.7	8.7	11.2	12.2	4.1	4.9	5.2	5.6	19.5	14.0	.5	.4	.4
CT	14.9	36.0	46.9	51.6	16.3	20.1	22.0	23.4	23.2	16.5	1.9	1.7	1.7
M.A	**166.2**	**370.9**	**470.9**	**512.2**	**181.8**	**207.2**	**220.4**	**232.4**	**14.0**	**12.2**	**20.7**	**17.2**	**17.1**
NY	85.8	180.0	229.9	250.4	93.8	100.6	107.6	113.6	7.2	13.0	10.7	8.3	8.3
NJ	34.1	79.8	104.5	114.8	37.2	44.6	48.9	52.1	19.6	16.9	4.2	3.7	3.8
PA	46.4	111.1	136.4	146.9	50.7	62.1	63.9	66.6	22.3	7.4	5.8	5.2	4.9
E.N.C	**164.7**	**405.2**	**478.7**	**527.6**	**180.1**	**226.4**	**224.1**	**239.4**	**25.7**	**5.8**	**20.5**	**18.8**	**17.6**
OH	42.4	101.5	120.5	132.4	46.3	56.7	56.4	60.1	22.4	5.9	5.3	4.7	4.4
IN	19.4	49.2	57.9	64.9	21.3	27.5	27.1	29.4	29.4	7.0	2.4	2.3	2.2
IL	50.2	119.5	142.4	158.0	54.9	66.7	66.7	71.7	21.5	7.4	6.2	5.5	5.3
MI	36.0	90.7	104.1	113.6	39.3	50.7	48.7	51.5	28.8	1.7	4.5	4.2	3.8
WI	16.7	44.3	53.7	58.7	18.3	24.7	25.1	26.6	35.4	7.7	2.1	2.0	2.0
W.N.C	**61.1**	**158.1**	**197.2**	**219.5**	**66.8**	**88.3**	**92.3**	**99.6**	**32.2**	**12.8**	**7.6**	**7.3**	**7.3**
MN	14.9	39.4	49.3	55.0	16.2	22.0	23.1	25.0	35.7	13.3	1.8	1.8	1.8
IA	10.7	26.8	31.1	35.2	11.7	15.0	14.5	16.0	27.8	6.5	1.3	1.2	1.2
MO	17.4	43.6	54.8	60.7	19.0	24.4	25.7	27.6	28.3	13.1	2.2	2.0	2.0
ND	2.0	5.7	7.9	8.6	2.2	3.2	3.7	3.9	45.3	22.8	.2	.3	.3
SD	2.1	5.4	6.9	7.8	2.3	3.0	3.2	3.5	31.5	17.5	.3	.2	.3
NE	5.6	14.0	17.8	19.7	6.1	7.8	8.4	8.9	27.9	14.7	.7	.6	.7
KS	8.5	23.2	29.4	32.5	9.3	13.0	13.7	14.7	39.6	13.7	1.1	1.1	1.1
S.A	**111.0**	**327.5**	**431.8**	**477.1**	**121.4**	**183.0**	**202.1**	**216.5**	**50.7**	**18.3**	**13.8**	**15.2**	**15.9**
DE	2.5	5.9	7.6	8.3	2.7	3.3	3.6	3.8	22.2	13.7	.3	.3	.3
MD	17.0	43.8	56.2	61.4	18.6	24.5	26.3	27.8	31.5	13.8	2.1	2.0	2.0
DC	3.6	7.8	9.8	10.5	3.9	4.3	4.6	4.8	10.1	9.6	.4	.4	.3
VA	17.3	50.6	67.3	73.6	18.9	28.3	31.5	33.4	49.6	18.1	2.2	2.3	2.5
WV	5.3	15.1	18.0	19.2	5.8	8.4	8.4	8.7	45.3	3.3	.7	.7	.6
NC	16.4	45.8	59.6	66.3	18.0	25.6	27.9	30.1	42.4	17.7	2.0	2.1	2.2
SC	7.7	23.1	29.9	33.2	8.5	12.9	14.0	15.1	52.7	16.9	1.0	1.1	1.1
GA	15.3	44.1	59.6	66.8	16.7	24.6	27.9	30.3	47.2	23.0	1.9	2.0	2.2
FL	25.9	91.3	123.8	137.8	28.3	51.0	58.0	62.5	80.3	22.6	3.2	4.2	4.6
E.S.C	**37.9**	**109.0**	**137.1**	**150.5**	**41.4**	**60.9**	**64.2**	**68.3**	**47.0**	**12.1**	**4.7**	**5.1**	**5.0**
KY	10.0	28.0	34.9	38.6	10.9	15.6	16.3	17.5	43.0	12.1	1.2	1.3	1.3
TN	12.2	35.3	44.6	49.1	13.3	19.7	20.9	22.3	48.0	12.8	1.5	1.6	1.6
AL	10.0	29.0	36.5	39.8	11.0	16.2	17.1	18.1	48.1	11.4	1.2	1.3	1.3
MS	5.7	16.7	21.1	23.0	6.2	9.3	9.9	10.4	50.1	12.0	.7	.8	.8
W.S.C	**64.8**	**214.4**	**286.3**	**312.0**	**70.8**	**119.8**	**134.0**	**141.6**	**69.2**	**18.2**	**8.1**	**10.0**	**10.4**
AR	5.4	16.3	20.8	22.8	5.9	9.1	9.7	10.4	55.7	13.7	.7	.8	.8
LA	11.1	35.5	45.5	48.4	12.1	19.8	21.3	22.0	63.3	10.8	1.4	1.6	1.6
OK	8.6	27.4	36.2	38.7	9.4	15.3	17.0	17.6	63.6	14.7	1.1	1.3	1.3
TX	39.7	135.2	183.8	202.0	43.4	75.5	86.0	91.7	73.8	21.4	4.9	6.3	6.7
Mt	**30.2**	**103.5**	**134.5**	**147.0**	**33.0**	**57.8**	**63.0**	**66.7**	**75.4**	**15.3**	**3.8**	**4.8**	**4.9**
MT	2.4	6.6	8.1	8.4	2.6	3.7	3.8	3.8	40.5	4.1	.3	.3	.3
ID	2.4	7.7	9.4	10.2	2.6	4.3	4.4	4.6	64.9	7.8	.3	.4	.3
WY	1.2	5.2	6.1	6.4	1.3	2.9	2.9	2.9	117.0	–	.2	.2	.2
CO	8.6	29.5	40.1	43.7	9.5	16.5	18.8	19.8	74.1	20.4	1.1	1.4	1.5
NM	3.1	10.4	13.5	14.7	3.4	5.8	6.3	6.7	68.6	15.2	.4	.5	.5
AZ	6.6	24.2	31.6	35.5	7.2	13.5	14.8	16.1	86.6	19.3	.8	1.1	1.2
UT	3.4	11.3	14.6	16.1	3.8	6.3	6.8	7.3	68.3	15.3	.4	.5	.5
NV	2.3	8.8	11.1	12.0	2.5	4.9	5.2	5.5	93.2	11.7	.3	.4	.4
Pac	**116.9**	**344.1**	**435.3**	**475.7**	**127.9**	**192.2**	**203.8**	**215.8**	**50.3**	**12.3**	**14.5**	**16.0**	**15.9**
WA	13.8	42.5	52.3	55.4	15.1	23.7	24.5	25.1	57.1	5.8	1.7	2.0	1.8
OR	7.8	24.6	28.7	31.0	8.5	13.7	13.4	14.1	61.1	2.3	1.0	1.1	1.0
CA	90.3	261.9	333.7	367.5	98.7	146.3	156.2	166.8	48.2	14.0	11.2	12.1	12.2
AK	1.4	5.2	8.2	8.6	1.6	2.9	3.9	3.9	86.0	32.9	.2	.2	.3
HI	3.6	9.8	12.4	13.3	3.9	5.5	5.8	6.0	40.5	9.7	.4	.5	.4

– Represents zero.
Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, April issues, and unpublished data.

No. 735. Personal Income Per Capita In Current and Constant (1972) Dollars—States: 1970 to 1984

[1984 preliminary. See headnote, table 734]

Region, division, and state	Current dollars					Income rank		Constant (1972) dollars				
	1970	1980	1982	1983	1984	1980	1984	1970	1980	1982	1983	1984
U.S	**3,945**	**9,494**	**11,113**	**11,667**	**12,707**	(X)	(X)	**4,265**	**5,304**	**5,395**	**5,471**	**5,765**
Region:												
Northeast	4,423	10,059	12,020	12,794	13,904	(X)	(X)	4,781	5,619	5,835	5,990	6,308
Midwest	3,984	9,562	10,954	11,466	12,637	(X)	(X)	4,308	5,342	5,318	5,368	5,734
South	3,391	8,600	10,251	10,752	11,662	(X)	(X)	3,665	4,804	4,976	5,034	5,291
West	4,207	10,324	11,826	12,396	13,323	(X)	(X)	4,548	5,768	5,741	5,803	6,045
New England	**4,306**	**10,029**	**12,129**	**13,024**	**14,251**	(X)	(X)	**4,655**	**5,603**	**5,888**	**6,097**	**6,466**
Maine	3,303	7,751	9,278	9,861	10,678	42	39	3,571	4,330	4,504	4,617	4,845
New Hampshire	3,781	9,217	11,189	12,109	13,148	25	14	4,088	5,149	5,432	5,669	5,966
Vermont	3,530	7,970	9,516	9,957	10,692	38	38	3,816	4,453	4,619	4,661	4,851
Massachusetts	4,349	10,096	12,285	13,260	14,574	13	4	4,702	5,640	5,964	6,208	6,613
Rhode Island	3,924	9,200	10,937	11,694	12,730	27	17	4,242	5,140	5,309	5,475	5,776
Connecticut	4,913	11,559	13,963	14,945	16,369	2	2	5,311	6,458	6,778	6,997	7,427
Middle Atlantic	**4,460**	**10,069**	**11,983**	**12,716**	**13,786**	(X)	(X)	**4,822**	**5,625**	**5,817**	**5,953**	**6,255**
New York	4,695	10,242	12,222	13,014	14,121	10	6	5,076	5,722	5,933	6,093	6,407
New Jersey	4,737	10,811	13,089	14,000	15,282	6	3	5,121	6,040	6,354	6,554	6,934
Pennsylvania	3,928	9,352	10,939	11,468	12,343	22	24	4,246	5,225	5,310	5,369	5,600
East North Central	**4,085**	**9,715**	**10,987**	**11,527**	**12,682**	(X)	(X)	**4,416**	**5,427**	**5,334**	**5,396**	**5,754**
Ohio	3,971	9,401	10,664	11,218	12,314	20	25	4,293	5,252	5,177	5,252	5,587
Indiana	3,735	8,970	10,057	10,570	11,799	29	30	4,038	5,011	4,882	4,948	5,353
Illinois	4,515	10,448	12,012	12,401	13,728	7	9	4,881	5,837	5,831	5,806	6,229
Michigan	4,044	9,798	10,748	11,476	12,518	16	22	4,372	5,474	5,218	5,373	5,680
Wisconsin	3,774	9,361	10,777	11,311	12,309	21	26	4,080	5,230	5,232	5,295	5,585
West North Central	**3,736**	**9,190**	**10,877**	**11,321**	**12,531**	(X)	(X)	**4,039**	**5,134**	**5,280**	**5,300**	**5,686**
Minnesota	3,893	9,662	11,277	11,901	13,219	17	12	4,209	5,398	5,474	5,572	5,998
Iowa	3,792	9,211	10,638	10,697	12,090	26	28	4,099	5,146	5,164	5,008	5,485
Missouri	3,706	8,856	10,469	11,029	12,129	31	28	4,006	4,947	5,082	5,163	5,503
North Dakota	3,216	8,651	10,877	11,664	12,461	33	23	3,477	4,833	5,280	5,461	5,654
South Dakota	3,140	7,815	9,366	9,851	11,049	40	35	3,395	4,366	4,547	4,612	5,013
Nebraska	3,748	8,887	10,885	11,175	12,280	30	27	4,052	4,965	5,284	5,232	5,572
Kansas	3,777	9,799	11,743	12,102	13,319	15	11	4,083	5,474	5,701	5,666	6,043
South Atlantic	**3,605**	**8,818**	**10,452**	**11,126**	**12,095**	(X)	(X)	**3,897**	**4,926**	**5,074**	**5,209**	**5,488**
Delaware	4,505	9,949	11,828	12,615	13,545	14	10	4,870	5,558	5,742	5,906	6,146
Maryland	4,322	10,365	12,261	13,047	14,111	8	7	4,672	5,791	5,952	6,108	6,402
District of Columbia	4,775	12,210	14,597	15,873	16,845	(X)	(X)	5,162	6,821	7,086	7,337	7,643
Virginia	3,712	9,446	11,386	12,122	13,067	18	15	4,013	5,277	5,527	5,675	5,929
West Virginia	3,043	7,747	8,970	9,160	9,846	43	47	3,290	4,328	4,354	4,288	4,467
North Carolina	3,220	7,774	9,148	9,805	10,758	41	37	3,481	4,343	4,441	4,590	4,881
South Carolina	2,975	7,389	8,605	9,168	10,075	48	45	3,216	4,128	4,177	4,292	4,571
Georgia	3,323	8,041	9,654	10,389	11,441	37	34	3,592	4,492	4,686	4,864	5,191
Florida	3,779	9,245	10,927	11,593	12,553	24	21	4,085	5,165	5,304	5,427	5,696
East South Central	**2,951**	**7,431**	**8,732**	**9,174**	**10,016**	(X)	(X)	**3,190**	**4,151**	**4,239**	**4,295**	**4,544**
Kentucky	3,096	7,644	9,097	9,396	10,374	46	41	3,347	4,270	4,416	4,399	4,707
Tennessee	3,097	7,689	9,013	9,515	10,400	44	40	3,348	4,296	4,375	4,455	4,719
Alabama	2,903	7,454	8,683	9,229	9,981	47	46	3,138	4,164	4,215	4,321	4,529
Mississippi	2,556	6,614	7,775	8,155	8,857	50	50	2,763	3,695	3,774	3,818	4,019
West South Central	**3,340**	**8,979**	**10,840**	**11,104**	**11,956**	(X)	(X)	**3,611**	**5,016**	**5,262**	**5,198**	**5,425**
Arkansas	2,773	7,099	8,432	8,936	9,724	49	48	2,998	3,966	4,093	4,183	4,412
Louisiana	3,041	8,404	10,048	10,262	10,850	34	36	3,288	4,695	4,878	4,804	4,923
Oklahoma	3,337	9,029	11,084	10,988	11,745	28	31	3,608	5,044	5,381	5,144	5,329
Texas	3,536	9,439	11,378	11,686	12,636	19	19	3,823	5,273	5,523	5,471	5,733
Mountain	**3,611**	**9,059**	**10,459**	**10,908**	**11,711**	(X)	(X)	**3,904**	**5,061**	**5,077**	**5,107**	**5,314**
Montana	3,428	8,334	9,618	9,945	10,216	35	43	3,706	4,656	4,669	4,656	4,635
Idaho	3,315	8,100	9,008	9,534	10,174	36	44	3,584	4,525	4,373	4,463	4,616
Wyoming	3,666	11,009	12,157	11,920	12,586	4	20	3,985	6,150	5,901	5,580	5,711
Colorado	3,887	10,147	12,242	12,771	13,742	11	8	4,202	5,669	5,943	5,979	6,235
New Mexico	3,072	7,947	9,301	9,656	10,330	39	42	3,321	4,440	4,515	4,521	4,687
Arizona	3,688	8,855	10,050	10,653	11,629	32	32	3,987	4,947	4,879	4,987	5,276
Utah	3,220	7,679	8,714	9,005	9,719	45	49	3,481	4,290	4,230	4,216	4,410
Nevada	4,691	10,845	11,902	12,441	13,216	5	13	5,071	6,059	5,778	5,824	5,996
Pacific	**4,394**	**10,777**	**12,325**	**12,941**	**13,916**	(X)	(X)	**4,750**	**6,021**	**5,983**	**6,058**	**6,314**
Washington	4,046	10,248	11,682	12,162	12,728	9	18	4,374	5,725	5,671	5,694	5,775
Oregon	3,711	9,319	10,168	10,768	11,582	23	33	4,012	5,206	4,936	5,041	5,255
California	4,510	11,020	12,617	13,256	14,344	3	5	4,875	6,156	6,125	6,206	6,508
Alaska	4,726	13,007	16,854	17,225	17,155	1	1	5,109	7,266	8,182	8,064	7,784
Hawaii	4,674	10,129	11,590	12,115	12,761	12	16	5,053	5,659	5,626	5,672	5,790

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, April issues; and unpublished data.

NO. 736. TOTAL AND PER CAPITA PERSONAL INCOME IN CONSTANT (1972) DOLLARS, 1973 AND 1983; AND PROJECTIONS: 1990 TO 2000

REGION, DIVISION, AND STATE	TOTAL PERSONAL INCOME (bil. dol.)						PER CAPITA [1] PERSONAL INCOME (dollars)					
	1973	1983	1990	2000	Average annual percent change 1973–1983	Average annual percent change 1983–2000	1973	1983	1990	2000	Average annual percent change 1973–1983	Average annual percent change 1983–2000
U.S.	1,001.8	1,280.2	1,603.3	1,970.9	2.5	2.6	4,740	5,470	6,434	7,369	1.4	1.8
Region:												
Northeast	254.1	296.6	359.4	429.4	1.6	2.2	5,127	5,992	6,953	7,908	1.6	1.7
Midwest	285.0	316.4	387.0	455.9	1.1	2.2	4,950	5,373	6,420	7,359	.8	1.9
South	279.5	400.4	511.4	642.3	3.7	2.8	4,163	5,027	5,959	6,893	1.9	1.9
West	183.3	266.8	345.5	443.4	3.8	3.0	4,942	5,800	6,721	7,639	1.6	1.6
N. Eng	60.7	76.2	95.5	119.0	2.3	2.7	4,998	6,099	7,108	8,073	2.0	1.7
ME	4.1	5.3	6.4	7.8	2.6	2.3	3,902	4,619	5,341	6,187	1.7	1.7
NH	3.6	5.4	7.0	9.2	4.3	3.1	4,436	5,674	6,498	7,413	2.5	1.6
VT	1.9	2.4	3.2	4.1	2.6	3.1	4,059	4,664	5,679	6,606	1.4	2.1
MA	29.4	35.8	44.9	55.6	2.0	2.6	5,075	6,212	7,236	8,207	2.0	1.7
RI	4.4	5.2	6.4	7.8	1.7	2.4	4,516	5,472	6,371	7,305	1.9	1.7
CT	17.4	22.0	27.6	34.5	2.3	2.7	5,670	6,993	8,146	9,134	2.1	1.6
Mid. Atl	193.4	220.4	263.9	310.4	1.3	2.0	5,168	5,956	6,898	7,847	1.4	1.6
NY	97.4	107.6	127.4	149.0	1.0	1.9	5,351	6,094	6,979	7,854	1.3	1.5
NJ	40.6	48.9	60.9	74.2	1.9	2.5	5,534	6,558	7,663	8,662	1.7	1.7
PA	55.4	63.9	75.6	87.2	1.4	1.9	4,662	5,372	6,271	7,256	1.4	1.8
E. No. Cent	203.7	224.1	272.3	3,175	1.0	2.1	4,975	5,403	6,462	7,402	.8	1.9
OH	51.0	56.4	66.0	78.9	1.0	2.0	4,741	5,256	6,315	7,267	1.0	1.9
IN	25.0	27.1	34.0	40.5	.8	2.4	4,695	4,955	6,069	7,042	.5	2.1
IL	61.3	66.7	79.4	91.4	.9	1.9	5,442	5,812	6,836	7,763	.7	1.7
MI	45.8	48.7	60.0	69.4	.6	2.1	5,046	5,384	6,503	7,419	.7	1.9
WI	20.6	25.1	30.9	37.2	2.0	2.3	4,556	5,297	6,276	7,232	1.5	1.8
W. No. Cent	81.3	92.3	114.7	138.4	1.3	2.4	4,888	5,303	6,322	7,262	.8	1.9
MN	19.3	23.1	29.2	36.2	1.8	2.7	4,961	5,572	6,609	7,509	1.2	1.8
IA	14.6	14.5	18.1	21.2	−.1	2.2	5,110	5,009	6,151	7,132	−.2	2.1
MO	21.3	25.7	31.5	37.3	1.9	2.2	4,469	5,171	6,078	6,984	1.5	1.8
ND	3.9	3.7	4.5	5.5	−.4	2.4	6,088	5,456	6,359	7,288	−1.1	1.7
SD	3.2	3.2	4.0	4.8	–	2.4	4,756	4,617	5,495	6,435	−.3	2.0
NE	7.7	8.4	10.3	12.6	.9	2.4	5,016	5,236	6,257	7,244	.4	1.9
KS	11.3	13.7	17.2	20.8	2.0	2.5	4,985	5,664	6,785	7,750	1.3	1.9
So. Atl	147.0	202.1	259.0	326.7	3.2	2.9	4,437	5,203	6,102	7,010	1.6	1.8
DE	3.1	3.6	4.4	5.3	1.4	2.3	5,370	5,905	6,830	7,709	1.0	1.6
MD	21.2	26.3	32.2	38.2	2.2	2.2	5,170	6,116	7,147	8,112	1.7	1.7
DC	4.2	4.6	5.3	6.1	.8	1.7	5,735	7,339	8,453	9,467	2.5	1.5
VA	22.5	31.5	38.8	47.6	3.4	2.5	4,582	5,668	6,573	7,515	2.1	1.7
WV	6.7	8.4	10.1	11.9	2.4	2.0	3,692	4,295	5,127	5,996	1.5	2.0
NC	21.6	27.9	35.6	44.4	2.6	2.8	4,012	4,594	5,490	6,373	1.4	1.9
SC	10.2	14.0	17.9	22.7	3.2	2.9	3,692	4,302	5,155	6,054	1.5	2.0
GA	20.3	27.9	36.4	46.4	3.2	3.0	4,135	4,864	5,761	6,719	1.6	1.9
FL	37.1	58.0	78.3	104.1	4.6	3.5	4,684	5,396	6,252	7,120	1.4	1.6
E. So. Cent	49.5	64.2	80.2	98.4	2.6	2.5	3,681	4,299	5,202	6,143	1.6	2.1
KY	12.8	16.3	20.1	24.3	2.5	2.4	3,782	4,400	5,333	6,285	1.5	2.1
TN	16.1	20.9	26.5	32.8	2.6	2.7	3,889	4,463	5,416	6,305	1.4	2.1
AL	13.0	17.1	20.9	25.7	2.8	2.4	3,619	4,318	5,192	6,170	1.8	2.1
MS	7.7	9.9	12.6	15.6	2.6	2.7	3,267	3,827	4,649	5,601	1.6	2.3
W. So. Cent	83.0	134.1	172.2	217.3	4.9	2.9	4,038	5,185	6,160	7,108	2.5	1.9
AR	7.4	9.7	12.5	15.7	2.8	2.8	3,587	4,189	5,097	5,982	1.6	2.1
LA	13.8	21.3	26.6	33.0	4.4	2.6	3,647	4,802	5,718	6,719	2.8	2.0
OK	10.9	17.0	21.2	26.3	4.5	2.6	4,053	5,126	6,120	7,121	2.4	2.0
TX	50.9	86.0	111.9	142.3	5.4	3.0	4,235	5,452	6,435	7,356	2.6	1.8
Mt	41.4	63.0	85.6	115.6	4.3	3.6	4,441	5,100	6,045	6,971	1.4	1.9
MT	3.3	3.8	4.8	6.0	1.5	2.7	4,505	4,665	5,599	6,506	.3	2.0
ID	3.3	4.4	5.7	7.3	2.8	3.0	4,277	4,473	5,365	6,290	.4	2.0
WY	1.7	2.9	3.8	5.1	5.5	3.4	4,766	5,562	6,752	7,928	1.6	2.1
CO	12.0	18.8	25.0	33.6	4.6	3.5	4,805	5,966	6,918	7,829	2.2	1.6
NM	4.1	6.3	8.2	10.6	4.4	3.1	3,731	4,522	5,344	6,217	1.9	1.9
AZ	9.4	14.8	21.5	30.3	4.6	4.3	4,445	4,976	5,971	6,891	1.1	1.9
UT	4.5	6.8	9.3	12.8	4.2	3.8	3,852	4,217	5,026	5,899	.9	2.0
NV	3.0	5.2	7.2	10.0	5.5	3.9	5,342	5,787	6,787	7,652	.8	1.7
Pac	141.8	203.8	259.9	327.7	3.7	2.8	5,110	6,057	6,978	7,906	1.7	1.6
WA	16.8	24.5	31.5	39.8	3.9	2.9	4,826	5,692	6,624	7,492	1.7	1.6
OR	10.2	13.4	17.1	21.8	2.7	2.9	4,574	5,048	6,019	7,046	1.0	2.0
CA	108.5	156.2	198.9	250.4	3.7	2.8	5,200	6,203	7,112	8,035	1.8	1.5
AK	1.9	3.9	5.1	6.7	7.2	3.3	5,774	8,023	9,025	9,958	3.3	1.3
HI	4.4	5.8	7.2	9.0	2.8	2.6	5,226	5,701	6,517	7,461	.9	1.6

– Represents zero. [1] Based on U.S. Bureau of the Census population as of July 1, except for minor adjustments to Hawaii prior to 1977.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1985

No. 737. Gross Saving and Investment: 1970 to 1984

[In billions of dollars. See *Historical Statistics, Colonial Times to 1970*, series F 552-565, for single-year figures prior to revisions issued in 1981]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Gross saving	**148.9**	**218.9**	**257.9**	**309.1**	**374.8**	**422.7**	**405.9**	**484.3**	**408.8**	**437.2**	**551.8**
Gross private saving	**158.6**	**282.7**	**294.4**	**326.9**	**374.0**	**407.3**	**435.4**	**509.9**	**524.0**	**571.7**	**674.8**
Personal saving	55.8	94.3	82.5	78.0	89.4	96.7	110.2	137.4	136.0	118.1	156.1
Undistributed corporate profits [1]	14.8	29.1	36.9	53.7	62.2	54.5	32.1	42.3	29.2	76.5	115.4
Undistributed profits	18.8	50.7	65.1	81.2	98.9	112.4	91.2	73.5	35.6	54.5	65.4
Inventory valuation adjustment	−6.6	−11.6	−14.7	−16.2	−24.0	−43.1	−42.9	−23.8	−9.5	−11.2	−5.7
Capital consumption adjustment	2.5	−10.1	−13.5	−11.3	−12.7	−14.8	−16.3	−7.6	3.1	33.2	55.7
Capital consumption allowances:											
Corporate [2]	54.1	99.5	109.9	121.5	137.6	157.5	179.3	202.6	221.8	231.2	246.2
Noncorporate [2]	34.0	59.8	65.2	73.7	84.9	98.5	113.8	127.6	137.1	145.9	157.0
Government surplus or deficit (−) [3]	**−10.6**	**−63.8**	**−36.5**	**−17.8**	**.8**	**14.3**	**−30.7**	**−26.7**	**−115.3**	**−134.5**	**−122.9**
Federal	−12.4	−69.3	−53.1	−45.9	−29.5	−16.1	−61.2	−64.3	−148.2	−178.6	−175.8
State and local	1.9	5.5	16.6	28.0	30.3	30.4	30.6	37.6	32.9	44.1	52.9
Capital grants received by U.S. (net)	**.9**	–	–	–	–	**1.1**	**1.2**	**1.1**	–	–	–
Gross investment	**147.4**	**224.4**	**263.0**	**310.4**	**372.3**	**421.2**	**408.2**	**490.0**	**408.3**	**437.7**	**544.4**
Gross private domestic investment	144.2	206.1	257.9	324.1	386.6	423.0	401.9	484.2	414.9	471.6	637.8
Net foreign investment	3.2	18.3	5.1	−13.6	−14.3	−1.8	6.3	5.8	−6.6	−33.9	−93.4
Statistical discrepancy	**−1.5**	**5.5**	**5.1**	**1.4**	**−2.6**	**−1.5**	**2.3**	**5.6**	**−.5**	**.5**	**−7.4**

– Represents zero. [1] With inventory valuation and capital consumption adjustment.
[2] With capital consumption adjustment. [3] National income and product accounts basis.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July issues.

No. 738. Flow of Funds Accounts—Composition of Individuals' Savings: 1970 to 1984

[In billions of dollars. Combined statement for households, farm and nonfarm, noncorporate business, nonprofit organizations, and personal trusts. Minus sign (−) indicates decrease. See *Historical Statistics, Colonial Times to 1970*, series F 566-594, for similar but not exactly comparable data]

COMPOSITION OF SAVINGS	1970	1975	1978	1979	1980	1981	1982	1983	1984
Increase in financial assets [1]	**81.3**	**174.4**	**269.7**	**293.9**	**326.3**	**350.0**	**369.8**	**450.1**	**498.9**
Checkable deposits and currency	8.9	6.9	22.5	21.5	10.2	35.5	16.5	39.9	31.0
Time and savings deposits	43.6	84.2	102.1	74.4	126.5	66.7	119.2	198.5	208.6
Money market fund shares	–	1.3	6.9	34.4	29.2	107.5	24.7	−44.1	47.2
Securities	−.2	13.3	21.4	32.7	5.9	−10.6	23.2	91.7	56.3
U.S. savings bonds	.3	4.0	3.9	−.8	−7.3	−4.3	.2	3.1	3.0
Other U.S. Treasury securities	−11.3	10.9	10.6	19.8	13.9	24.2	19.7	39.0	46.7
U.S. Government agency securities	6.4	−3.4	6.1	16.4	6.9	4.5	−8.3	8.5	30.0
State and local obligations	−.9	6.2	4.1	10.4	7.0	10.3	32.7	41.0	31.5
Corporate and foreign bonds	10.7	6.3	−6.3	−1.4	−5.7	−8.1	−5.2	2.0	−6.2
Open-market paper	−3.8	−6.0	8.1	6.6	−.8	−7.3	−8.0	−6.8	−2.2
Mutual fund shares	2.6	−.3	−.1	.1	5.2	6.3	18.4	32.8	38.1
Other corporate equities	−4.3	−4.4	−5.2	−18.4	−13.2	−36.3	−26.2	−28.0	−84.6
Private life insurance reserves	5.2	7.9	10.9	10.4	9.7	8.9	7.0	7.8	7.9
Private insured pension reserves	2.9	8.7	19.1	19.4	22.3	29.5	39.7	40.2	40.8
Private noninsured pension reserves	6.9	23.1	28.8	40.8	48.9	37.6	54.3	47.3	26.1
Government insurance and pension reserves	8.9	15.1	27.9	24.4	35.3	41.0	49.2	58.7	57.5
Miscellaneous financial assets	5.2	13.8	30.2	36.0	38.3	33.9	36.0	10.1	23.6
Gross investment in tangible assets	**144.7**	**222.3**	**375.6**	**408.1**	**386.7**	**437.2**	**421.0**	**483.8**	**575.0**
Owner-occupied homes	25.7	46.4	100.5	107.3	100.3	96.0	75.2	108.2	131.7
Other fixed assets [2]	33.2	41.3	71.9	82.1	78.3	96.7	104.6	106.1	112.9
Consumer durables	85.2	132.2	200.2	213.4	214.7	235.4	245.1	279.8	318.5
Inventories [2]	.5	2.4	3.0	5.3	−6.6	9.0	−4.0	−10.3	11.8
Capital consumption allowances	**99.6**	**166.6**	**230.0**	**261.4**	**298.0**	**326.5**	**349.4**	**367.0**	**393.3**
Owner-occupied homes	12.1	22.2	33.5	39.1	44.1	48.5	51.1	53.2	57.4
Other fixed assets [2]	22.3	38.7	52.9	61.3	72.0	81.6	88.6	95.5	102.4
Consumer durables	65.2	105.7	143.5	160.9	182.0	196.3	209.6	218.3	233.6
Net investment in tangible assets	**45.1**	**55.7**	**145.7**	**146.7**	**88.7**	**110.7**	**71.6**	**116.8**	**181.6**
Owner-occupied homes	13.6	24.2	67.0	68.2	56.2	47.6	24.1	54.9	74.4
Other fixed assets [2]	10.9	2.6	19.0	20.8	6.3	15.1	15.9	10.7	10.6
Consumer durables	20.0	26.5	56.7	52.5	32.8	39.1	35.5	61.5	84.9
Inventories [2]	.5	2.4	3.0	5.3	−6.6	9.0	−4.0	−10.3	11.8
Net increase in debt	**40.2**	**78.4**	**227.5**	**240.3**	**180.3**	**186.8**	**145.1**	**266.6**	**326.6**
Mortgage debt on nonfarm homes	14.1	40.6	111.5	121.2	98.3	78.7	51.6	103.2	128.4
Other mortgage debt [2]	14.2	18.1	34.6	40.9	34.8	37.8	36.2	61.2	72.9
Consumer credit	5.4	9.6	48.8	45.4	6.3	26.7	21.0	51.3	100.6
Security credit	−1.8	.7	1.2	1.0	6.5	−1.6	3.3	19.2	−.5
Other debt [2]	8.2	9.5	31.4	31.7	34.5	45.4	33.0	31.8	25.2
Individuals' saving	**86.2**	**151.7**	**187.8**	**200.3**	**234.7**	**273.9**	**296.3**	**300.3**	**354.0**
Less: Government insurance and pension reserve	8.9	15.1	27.9	24.4	35.3	41.0	49.2	58.7	57.5
Net investment in consumer durables	20.0	26.5	56.7	52.5	32.8	39.1	35.5	61.5	84.9
Capital gains dividends from mutual funds	.9	.2	.7	.9	1.8	2.7	2.4	4.4	6.6
Net saving by farm corporations	−.1	.1	.2	.1	−.5	−.8	−.5	−.1	.4
Equals: Personal saving, flow of funds basis [3]	**56.5**	**109.8**	**102.3**	**122.4**	**165.3**	**192.0**	**209.7**	**175.8**	**204.6**

– Represents zero. [1] Includes items not shown separately. [2] Includes corporate farms.
[3] Personal saving on national income account basis measures personal saving as income less taxes and consumption; flow-of-funds basis measures the same concept from acquisition of assets less borrowing.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts*, quarterly.

No. 739. Characteristics and Annual Expenditures of Urban Consumer Units: 1982—1983

[Based on Consumer Expenditure Interview Survey; see text for description of survey. In interpreting the expenditure data, several factors should be considered. First, they are average for the total urban population. Second, expenditures reported here are direct out-of-pocket expenditures. Third, approximately 95 percent of expenditures are covered in the Interview. Excluded are nonprescription drugs, household supplies and personal care items. The Interview survey must be integrated with the Diary survey to provide a complete picture of expenditures]

ITEM	Income before taxes [1]	Total expenditures	Food	Alcoholic beverages	HOUSING					Apparel and services	TRANSPORTATION		Health care	Other expenditures [4]	Life insurance	Retirement pension, social security	Personal taxes
					Total	Shelter [2]	Fuel, utilities, and public service	Household operations	House furnishings		Gasoline and motor oil	All other transportation [3]					
All consumer units	**$22,702**	**$18,892**	**$3,137**	**$285**	**$5,784**	**$3,262**	**$1,489**	**$271**	**$762**	**$1,030**	**$1,062**	**$2,649**	**$822**	**$2,498**	**$258**	**$1,367**	**$2,519**
Complete income reporters	22,702	18,981	3,083	287	5,737	3,248	1,459	269	761	1,029	1,060	2,643	821	2,528	249	1,545	2,519
Quintiles of income:																	
Lowest 20 percent	4,097	8,324	1,753	134	2,980	1,730	901	124	225	429	429	802	514	1,091	79	112	111
Second 20 percent	10,611	12,155	2,333	196	3,994	2,203	1,223	154	414	612	763	1,496	807	1,383	119	451	602
Third 20 percent	18,129	16,733	2,877	273	5,032	2,832	1,388	197	616	870	1,062	2,389	825	2,105	193	1,108	1,634
Fourth 20 percent	28,231	22,425	3,606	359	6,466	3,635	1,662	292	877	1,174	1,351	3,253	882	2,987	308	2,038	3,148
Highest 20 percent	52,267	35,171	4,834	468	10,188	5,824	2,116	578	1,669	2,054	1,692	5,257	1,074	5,055	546	4,002	7,076
Incomplete reporting of income	(NA)	18,334	3,482	274	6,078	3,353	1,677	280	767	1,037	1,073	2,696	828	2,307	311	248	(NA)
Age of householder:																	
Under 25 years	11,537	11,617	1,835	343	3,410	2,151	668	115	475	782	745	1,878	307	1,594	64	659	1,256
25–34 years	23,835	19,271	2,949	356	6,409	3,915	1,305	359	831	1,071	1,073	2,979	547	2,163	205	1,519	2,913
35–44 years	29,718	24,296	4,046	322	7,494	4,411	1,789	327	968	1,428	1,308	3,450	753	3,285	353	1,855	3,263
45–54 years	31,198	24,718	4,166	307	6,870	3,658	1,969	226	1,016	1,366	1,493	3,497	936	3,612	434	2,035	4,130
55–64 years	24,450	19,497	3,328	260	5,374	2,697	1,701	208	767	993	1,145	2,511	1,056	2,676	324	1,830	2,585
65 years and over	13,583	12,346	2,288	133	4,123	2,073	1,342	267	440	515	603	1,370	1,228	1,686	154	247	844
Size of consumer unit:																	
One-person	13,361	11,469	1,767	291	3,827	2,428	859	135	405	608	553	1,492	539	1,616	83	692	1,679
Two-person	23,423	19,377	3,025	303	5,909	3,280	1,521	229	879	992	1,036	2,816	1,023	2,534	293	1,446	2,664
Three-person	26,970	21,472	3,549	267	6,490	3,538	1,737	390	826	1,163	1,283	3,084	866	2,768	327	1,673	2,837
Four-person	30,992	24,959	4,332	278	7,575	4,191	1,930	443	1,010	1,473	1,465	3,426	858	3,227	384	1,942	3,306
Five-person	29,803	25,656	4,674	291	7,365	3,953	2,026	349	1,037	1,437	1,614	3,740	926	3,429	367	1,814	2,900
Six-persons or more	26,086	23,658	4,876	204	6,628	3,375	2,143	296	814	1,418	1,531	3,204	882	3,097	314	1,504	2,785
Region of residence:																	
Northeast	21,704	18,038	3,234	301	5,677	3,173	1,590	228	687	1,002	913	2,447	758	2,352	203	1,151	2,023
Midwest	22,318	18,881	3,093	265	5,731	3,053	1,598	260	820	987	1,096	2,571	786	2,559	309	1,484	2,502
South	22,472	18,444	3,002	252	5,479	2,952	1,487	289	751	1,033	1,111	2,687	863	2,374	280	1,365	2,626
West	24,655	20,650	3,308	345	6,484	4,162	1,224	306	792	1,118	1,110	2,934	876	2,790	217	1,469	2,899

NA Not available. [1] Income values are derived from "complete income reporters" only. Represents the combined income earned by all consumer unit members 14 years or over during the 12 months preceding the interview. [2] Includes other maintenance and repair expenses not shown separately. [3] Includes other private transportation and public transportation. [4] Entertainment, personal care, reading, education, tobacco and smoking supplies, cash contributions, and miscellaneous expenditures.

Source: U.S. Bureau of Labor Statistics, *Consumer Expenditure Survey: Interview Survey, 1982–83,* bulletin 2246, 1986.

No. 740. Selected Characteristics and Weekly Expenditures of Urban Consumer: 1982–83

[Based on Consumer Expenditure Diary Survey; see text for description of summary]

ITEM	Income before taxes	Percent homeowner	AVERAGE WEEKLY EXPENDITURES														
			Food, total	Food at home								Food away from home	Alcoholic beverages	Tobacco products and smoking supplies	Personal care products and services	Nonprescription drugs and supplies	Housekeeping supplies
				Total	Cereal and bakery products	Beef and pork	Poultry and other meats	Fish, sea food, and eggs	Milk, cream [1] and other dairy products	Fresh fruits and vegetables	Processed fruits and vegetables	Other food at home [2]						
All consumer units	$21,749	$58	$55.11	$35.51	$4.71	$6.39	$3.08	$1.80	$4.79	$3.54	$2.33	$8.87	$19.60	$5.46	$3.24	$4.46	$1.85	$5.44
Complete income reporters	21,749	57	56.71	36.52	4.83	6.57	3.16	1.84	4.88	3.60	2.39	9.25	20.18	5.73	3.37	4.64	1.94	5.68
Quintiles of income:																		
Lowest 20 percent	3,745	31	28.08	19.74	2.77	3.33	1.81	1.01	2.64	2.08	1.39	4.70	8.34	2.64	2.00	2.35	1.12	2.71
Second 20 percent	10,024	46	41.95	30.01	3.98	5.38	2.72	1.56	3.98	3.08	1.97	7.34	11.94	3.62	2.79	3.20	1.31	3.92
Third 20 percent	17,509	53	54.39	36.39	4.92	6.55	3.13	1.80	4.78	3.55	2.38	9.31	18.00	5.29	3.66	4.20	1.90	5.57
Fourth 20 percent	27,283	68	67.86	43.44	5.69	7.98	3.61	2.09	5.85	4.10	2.81	11.34	24.42	6.48	4.16	5.34	2.41	6.84
Highest 20 percent	50,123	85	91.16	52.99	6.76	9.62	4.51	2.76	7.12	5.17	3.45	13.55	38.17	10.61	4.22	8.08	2.98	9.37
Incomplete reporting of income	(NA)	65	49.50	31.95	4.31	5.75	2.83	1.66	4.50	3.31	2.07	7.53	17.55	4.53	2.78	3.84	1.54	4.59
Age of householder:																		
Under 25 years	11,275	12	32.33	17.00	2.25	2.61	1.42	.82	2.48	1.39	1.15	4.87	15.34	5.11	2.33	2.63	.53	243
25–34 years	22,563	43	54.22	33.20	4.40	5.52	2.75	1.72	4.60	2.99	2.30	8.91	21.03	6.46	3.07	3.95	1.78	5.02
35–44 years	28,997	67	71.27	46.01	6.39	8.28	3.99	2.16	6.36	4.26	2.93	11.63	25.26	6.16	4.16	5.42	1.79	7.00
45–54 years	30,881	76	74.48	48.78	6.25	9.42	4.28	2.50	6.48	4.84	2.98	12.04	25.70	6.64	4.41	6.04	2.60	7.43
55–64 years	24,410	76	59.59	39.28	5.06	7.48	3.59	2.18	5.11	4.33	2.41	9.10	20.31	5.78	3.81	5.18	2.29	5.97
65 years and over	12,793	70	37.80	27.42	3.64	5.00	2.42	1.38	3.52	3.27	1.96	6.24	10.37	2.80	1.87	3.63	1.96	4.50
Size of consumer unit:																		
One-person	12,452	34	28.12	13.98	1.86	1.99	1.11	.78	1.94	1.65	1.04	3.60	14.14	4.60	1.78	2.60	.93	2.51
Two-person	23,501	68	53.97	33.77	4.25	6.25	2.83	1.72	4.37	3.69	2.35	8.31	20.20	6.22	3.32	4.97	2.06	5.84
Three-person	25,094	65	62.14	42.62	5.56	8.13	3.78	2.20	5.69	4.04	2.73	10.49	19.53	5.44	3.90	4.61	2.66	6.06
Four-person	29,975	75	81.21	53.90	7.41	9.79	4.73	2.60	7.35	4.82	3.36	13.83	27.31	6.30	4.30	6.14	2.43	8.25
Five-person	27,846	73	87.65	63.07	8.77	11.34	5.66	3.00	9.03	5.48	3.88	15.90	24.58	4.91	4.48	6.13	1.93	7.81
Six persons or more	25,818	72	92.72	71.58	9.92	13.37	6.86	3.82	9.71	6.88	4.02	17.01	21.14	4.69	5.12	5.69	1.78	8.47
Region of residence:																		
Northeast	22,351	56	58.48	38.48	5.34	6.81	3.71	2.12	5.31	3.87	2.65	8.67	20.00	5.58	3.51	4.41	1.67	5.53
Midwest	20,536	65	53.23	34.73	4.71	6.34	2.93	1.43	4.72	3.20	2.17	9.24	18.50	4.86	3.39	4.45	1.57	6.05
South	21,031	58	52.24	33.30	4.28	6.36	2.88	1.74	4.24	3.19	2.19	8.42	18.94	5.14	3.18	4.37	1.93	4.86
West	23,538	53	57.68	36.23	4.61	6.00	2.87	1.99	5.09	4.03	2.35	9.28	21.45	6.54	2.81	4.66	2.32	5.41

NA Not available. [1] Fresh milk and cream. [2] Includes sugar and other sweets, fats and oils, miscellaneous foods and nonalcoholic beverages.

Source: U.S. Bureau of Labor Statistics, *Consumer Expenditure Survey: Dairy Survey, 1982–83,* bulletin 2245, 1986.

No. 741. Money Income of Households—Percent Distribution by Income Level in Constant (1984) Dollars, by Race and Spanish Origin of Householder: 1967 to 1984

[Households as of **March** of **following year.** Based on Current Population Survey; see text, pp. 2 and 428, and Appendix III. Persons of Spanish origin may be of any race. For definitions of household and race, see p. 3. For definition of median, see Guide to Tabular Presentation]

Race and Spanish origin of householder and year	Number of households (1,000)	Percent distribution, by income level								Median income (dol.)
		Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000–$24,999	$25,000–$34,999	$35,000–$49,999	$50,000 and over	
All households:										
1967	60,813	9.7	11.7	10.8	15.4	9.5	24.0	10.9	7.9	22,222
1970	64,778	8.8	11.4	10.9	13.9	8.8	24.4	11.9	9.7	23,363
1975	72,867	7.6	13.3	11.9	11.3	11.1	20.7	13.8	10.4	22,773
1978	77,330	7.0	12.7	11.5	11.1	10.1	20.4	14.6	12.6	23,984
1979	80,776	8.5	11.8	11.4	11.3	10.0	18.0	16.6	12.4	23,556
1980	82,368	8.9	12.6	12.2	11.3	10.3	18.4	15.2	11.1	22.324
1981	83,527	9.1	13.1	12.8	11.4	10.6	17.4	14.9	10.7	21,784
1982	83,918	8.9	13.4	12.6	11.5	10.9	17.3	14.3	11.0	21,706
1983	85,290	8.9	13.2	12.6	11.6	10.6	17.0	14.7	11.5	21,761
1984	86,789	7.9	13.2	12.2	11.4	10.4	16.9	15.3	12.8	22,415
White:										
1967	54,188	8.9	10.8	10.2	15.4	9.6	25.1	11.6	8.5	23,174
1970	57,575	8.0	10.6	10.4	13.8	8.8	25.4	12.5	10.4	24,334
1975	64,392	6.6	12.4	11.6	11.2	11.2	21.4	14.5	11.1	23,815
1978	68,026	6.0	11.8	11.2	11.0	10.2	21.1	15.3	13.4	24,933
1979	70,766	7.4	10.9	11.0	11.2	10.1	18.6	17.4	13.3	24,698
1980	71,872	7.7	11.7	11.9	11.3	10.4	19.1	16.0	11.9	23,552
1981	72,845	7.8	12.2	12.5	11.5	10.8	18.0	15.7	11.6	23,016
1982	73,182	7.6	12.5	12.3	11.6	11.1	17.9	15.0	11.9	22,724
1983	74,170	7.4	12.3	12.3	11.7	10.9	17.6	15.4	12.3	22,818
1984	75,328	6.6	12.3	11.8	11.3	10.6	17.6	16.0	13.7	23,647
Black:										
1967	5,728	17.9	20.8	16.4	16.1	8.4	13.8	4.6	2.0	13,455
1970	6,180	16.7	18.7	15.5	15.1	8.4	16.3	6.1	3.2	14,811
1975	7,489	15.8	21.8	14.3	12.4	10.3	14.6	7.3	3.4	14,297
1978	8,066	15.3	20.5	14.3	11.8	9.6	15.2	8.4	4.8	14,983
1979	8,586	17.5	19.2	15.0	11.9	9.1	13.1	9.8	4.4	14,500
1980	8,847	19.0	20.4	15.0	11.6	8.9	12.7	8.6	3.8	13,568
1981	8,961	20.1	20.8	15.6	11.1	8.8	12.1	7.9	3.5	12,916
1982	8,916	20.2	20.2	15.6	11.2	9.5	12.6	7.9	3.0	12,879
1983	9,243	20.2	20.4	15.0	11.6	8.5	11.9	8.5	3.8	12,973
1984	9,480	18.5	20.3	15.3	11.9	8.7	11.7	8.8	4.8	13,471
Spanish origin:										
1975	2,948	10.2	16.8	16.8	14.1	11.8	17.7	8.6	4.0	17,109
1978	3,291	8.3	15.8	14.8	14.7	11.2	19.0	10.4	5.7	18,792
1979	3,684	10.2	14.8	14.3	14.2	11.2	17.0	11.5	6.8	18,663
1980	3,906	11.9	16.1	16.1	13.5	10.7	15.6	10.7	5.4	17,208
1981	3,980	10.9	16.9	15.5	13.1	12.2	15.5	10.8	5.2	17,474
1982	4,085	12.0	19.0	15.6	13.3	10.8	14.6	9.8	4.9	16,333
1983	4,666	12.2	18.9	15.0	13.0	11.7	14.0	9.9	5.3	16,447
1984	4,883	12.4	17.3	14.8	11.7	11.4	15.3	11.2	5.9	16,992

No. 742. Money Income of Households—Median Household Income in Current and Constant (1984) Dollars, by Race and Spanish Origin of Householder: 1967 to 1984

[See headnote, table 741. Minus sign (–) indicates decrease. For definition of median, see Guide to Tabular Presentation]

Year	Median income in current dollars (dol.)				Median income in constant (1984) dollars (dol.)				Annual percent change of median income of all households	
	All households [1]	White	Black	Spanish origin [2]	All households [1]	White	Black	Spanish origin [2]	Current dollars	Constant dollars
1967	7,143	7,449	4,325	(NA)	22,222	23,174	13,455	(NA)	(X)	(X)
1970	8,734	9,097	5,537	(NA)	23,363	24,334	14,811	(NA)	[3] 6.9	[3] 1.7
1971	9,028	9,443	5,578	(NA)	23,154	24,219	14,306	(NA)	3.4	–.9
1972	9,697	10,173	5,938	7,677	24,076	25,258	14,743	19,061	7.4	4.0
1973	10,512	11,017	6,485	8,144	24,570	25,750	15,158	19,035	8.4	2.1
1974	11,197	11,710	6,964	8,906	23,584	24,665	14,668	18,759	6.5	–4.0
1975	11,800	12,340	7,408	8,865	22,773	23,815	14,297	17,109	5.4	–3.4
1976	12,686	13,289	7,902	9,569	23,147	24,248	14,418	17,460	7.5	1.6
1977	13,572	14,272	8,422	10,647	23,263	24,463	14,436	18,249	7.0	.5
1978	15,064	15,660	9,411	11,803	23,984	24,933	14,983	18,792	11.0	3.1
1979	16,461	17,259	10,133	13,042	23,556	24,698	14,500	18,663	9.3	–1.8
1980	17,710	18,684	10,764	13,651	22,324	23,552	13,568	17,208	7.6	–5.2
1981	19,074	20,153	11,309	15,300	21,784	23,016	12,916	17,474	7.7	–2.4
1982	20,171	21,117	11,968	15,178	21,706	22,724	12,879	16,333	5.8	–.4
1983	20,873	21,886	12,443	15,776	21,761	22,818	12,973	16,447	3.5	.3
1984	22,415	23,647	13,471	16,992	22,415	23,647	13,471	16,992	7.4	3.0

NA Not available. X Not applicable. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Change from 1967.

Source of tables 741 and 742: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 149, and unpublished data.

No. 743. Money Income of Households—Percent Distribution by Money Income Level, by Selected Characteristics: 1984

[Households as of March 1985. For definition of median, see Guide to Tabular Presentation]

Characteristic	Total households (1,000)	Percent distribution of households by income level (in dollars)								Median income (dollars)
		Under 5,000	5,000–9,999	10,000–14,999	15,000–19,999	20,000–24,999	25,000–34,999	35,000–49,999	50,000 and over	
Total [1]	**86,789**	**7.9**	**13.2**	**12.2**	**11.4**	**10.4**	**16.9**	**15.3**	**12.8**	**22,415**
White	75,328	6.6	12.3	11.8	11.3	10.6	17.6	16.0	13.7	23,647
Black	9,480	16.5	20.3	15.3	11.9	8.7	11.7	8.8	4.8	13,471
Spanish origin [2]	4,883	12.4	17.3	14.8	11.7	11.4	15.3	11.2	5.9	16,992
Northeast	18,348	8.2	13.1	11.3	10.5	9.5	16.4	16.5	14.5	23,550
Midwest	21,697	7.7	13.7	11.5	11.5	10.7	18.1	15.7	11.2	22,586
South	29,561	9.3	13.7	13.7	12.0	10.4	15.9	13.7	11.5	*20,623*
West	17,183	5.7	11.9	11.3	11.2	11.0	17.7	16.1	15.1	24,457
Marital status:										
Male householder	60,025	3.9	8.5	10.7	10.8	11.0	19.6	19.0	16.6	27,307
Married, wife present	47,683	2.3	6.5	9.7	10.3	10.9	20.5	21.1	18.7	*29,773*
Married, wife absent	1,416	*10.6*	17.1	15.7	*11.4*	*10.0*	16.2	10.5	8.4	17,665
Widowed	1,620	*15.0*	27.8	18.7	10.8	8.3	7.8	6.0	5.6	11,803
Divorced	3,535	7.7	13.6	11.3	12.1	11.3	19.5	13.9	10.6	22,190
Single (never married)	5,772	10.4	14.2	14.8	13.5	12.4	16.2	10.8	7.7	18,836
Female householder	*26,763*	*16.9*	23.6	15.6	12.7	9.0	10.9	6.8	4.2	12,764
Married, husband present	2,667	2.3	9.2	8.8	11.2	10.4	21.3	19.3	17.6	28,373
Married, husband absent	2,497	26.3	25.1	16.5	11.1	7.5	8.4	3.4	1.6	9,661
Widowed	9,728	19.7	34.3	16.0	9.8	6.3	7.2	4.1	2.6	9,215
Divorced	*6,265*	14.4	18.8	*16.0*	*16.4*	11.6	12.6	7.6	2.6	15,214
Single (never married)	5,606	17.8	17.7	17.2	14.9	11.0	11.5	6.4	3.6	14,188
Age of householder:										
15–24 years	5,436	14.4	19.2	19.9	15.2	11.0	12.1	6.6	1.7	14,028
25–34 years	20,013	6.2	9.3	*11.4*	13.0	13.3	21.6	16.9	8.3	23,735
35–44 years	17,481	4.9	6.8	8.0	9.4	10.9	20.3	21.6	18.2	29,784
45–54 years	12,628	5.7	7.3	8.2	8.6	8.8	17.3	19.9	24.2	31,516
55–64 years	13,073	8.1	11.8	11.4	10.4	9.9	16.2	15.8	16.3	24,094
65 years and over	18,155	12.3	27.0	18.1	13.0	8.0	10.1	6.3	5.2	12,799
Size of household:										
One person	20,602	18.2	26.2	16.7	12.9	9.1	9.6	4.6	2.8	11,512
Two persons	27,389	5.1	11.3	13.9	13.3	11.3	17.9	15.3	12.0	22,614
Three persons	15,465	5.3	8.5	9.2	10.1	10.3	19.7	20.2	16.7	27,929
Four persons	13,631	3.9	6.4	7.6	8.7	10.4	20.7	22.6	19.8	31,034
Five persons	6,108	3.2	7.5	7.9	8.1	10.9	20.3	21.0	21.1	30,824
Six persons	2,299	5.1	8.3	9.1	9.5	10.8	19.8	18.4	19.0	28,312
Seven persons or more	1,296	4.9	10.5	13.1	9.7	9.6	17.3	16.9	18.1	*26,289*
Education attainment of householder:										
Elementary school	12,641	18.4	28.1	17.0	11.3	7.7	9.5	5.3	2.7	10,892
Less than 8 years	6,744	21.1	28.6	17.9	11.0	6.7	8.7	4.2	*1.9*	*10,087*
8 years	5,896	*15.4*	27.5	*16.1*	*11.5*	*8.9*	10.5	6.4	3.6	11,947
High school	41,738	8.4	14.1	13.9	12.8	11.5	17.6	14.0	7.7	20,359
1–3 years	11,103	14.0	20.7	15.8	12.6	10.7	12.6	9.2	4.4	14,849
4 years	30,635	6.3	11.7	13.2	12.8	11.9	19.4	15.8	8.8	22,418
College	32,410	3.3	6.3	8.0	9.6	9.9	18.8	20.7	*23.3*	*31,449*
1–3 years	14,404	4.7	9.5	10.6	11.9	11.6	19.9	18.6	13.3	25,772
4 years or more	18,006	2.1	3.8	6.0	7.8	8.6	18.0	22.5	31.3	37,147
Tenure:										
Owner occupied	55,845	4.7	9.9	10.3	10.2	10.1	18.7	18.9	17.3	*27,282*
Renter occupied	29,369	13.6	18.9	15.4	*13.8*	11.2	13.9	8.9	4.6	15,719
Occupier paid no cash rent	1,575	18.4	25.9	16.8	12.5	7.3	10.7	5.5	2.9	11,781

[1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 149.

No. 744. Money Income of Households—Aggregate and Mean Income, by Race and Spanish Origin of Householder: 1983

[As of **March 1984.** See headnote, table 741. For number of households by characteristic, see table 55. For definition of mean, see Guide to Tabular Presentation]

Characteristic	All races [1]		White		Black		Spanish origin [2]	
	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)
Total	**2,169.5**	**25,401**	**1,967.6**	**26,455**	**152.7**	**16,531**	**83.8**	**19,369**
Region and type of residence:								
Northeast	478.3	26,279	440.2	27,240	31.1	17,151	13.6	16,251
Midwest	536.2	24,990	501.9	25,762	29.1	16,444	6.4	20,820
South	698.1	24,233	615.8	25,892	74.7	15,803	28.0	19,786
West	456.9	26,966	409.8	27,405	17.8	19,189	35.8	20,258
Nonfarm	2,130.3	25,486	1,928.9	26,570	152.4	16,549	83.0	19,363
Farm	39.2	21,534	38.7	21,754	.3	10,330	.7	20,093
In metropolitan areas	1,590.3	27,164	1,422.9	28,514	124.9	17,370	73.3	19,584
Outside metropolitan areas	579.1	21,560	544.7	22,256	27.7	13,576	10.5	17,991
Age of householder:								
15–24 years	85.1	15,451	77.2	16,387	5.5	8,857	5.0	12,320
25–34 years	477.8	24,121	428.2	25,268	38.8	16,137	24.0	18,173
35–44 years	521.8	31,442	465.0	32,771	40.1	20,680	21.9	22,151
45–54 years	426.6	34,203	386.3	35,802	29.8	21,763	17.8	24,637
55–64 years	364.8	27,807	337.3	29,108	22.0	16,493	10.5	20,888
65 years and over	293.3	16,386	273.6	16,941	16.5	10,517	4.7	11,986
Size of household:								
One person	282.6	14,162	255.5	14,654	22.7	10,280	6.9	11,301
Two persons	686.3	25,524	641.0	26,578	38.0	15,125	16.5	17,852
Three persons	444.0	29,338	402.8	30,663	31.5	19,155	16.8	19,419
Four persons	444.5	32,702	401.1	33,950	31.4	21,940	19.5	22,296
Five persons	196.6	32,382	173.1	34,161	16.2	20,176	11.9	22,178
Six persons	75.1	31,672	62.8	33,986	8.1	19,812	6.3	22,972
Seven persons or more	40.3	28,916	31.2	32,791	6.7	18,892	5.9	24,339
OCCUPATION OF HOUSEHOLDER								
Total	**1,823.1**	**29,946**	**1,657.2**	**30,843**	**123.2**	**21,129**	**72.7**	**22,726**
Managerial and professional specialty	678.8	40,988	632.0	41,479	28.0	31,580	13.7	32,575
Technical, sales, and administrative support	439.2	29,581	401.0	30,345	28.5	21,282	13.8	24,969
Service workers	117.6	18,681	93.3	19,696	20.9	14,975	8.3	17,169
Farming, forestry, and fishing	41.1	17,329	38.0	17,769	2.2	11,433	3.4	14,818
Precision production, crafts, and repair	294.3	28,631	276.0	28,954	12.9	22,653	15.0	25,114
Operators, fabricators, and laborers	252.1	23,991	216.9	24,489	30.6	21,234	18.4	20,229

[1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 146.

No. 745. Household Type, by Income Level and Median Income: 1983

[Households as of **March 1984.** See headnote, table 741.]

Item	All households	Family households				Nonfamily households				
		Total	Married couple	Male householder, wife absent	Female householder, husband absent	Total	Single-person household			Multiple-person household
							Total	Male householder	Female householder	
Number (1,000):										
All races	**85,407**	**61,997**	**50,090**	**2,030**	**9,878**	**23,410**	**19,954**	**7,529**	**12,425**	**3,456**
Under $5,000	7,862	3,414	1,371	114	1,930	4,448	4,277	1,218	3,060	170
$5,000–$9,999	11,714	6,262	3,797	237	2,228	5,452	5,093	1,447	3,646	359
$10,000–$14,999	11,124	7,168	5,284	240	1,644	3,956	3,506	1,306	2,199	450
$15,000–$19,999	10,216	7,331	5,727	268	1,336	2,885	2,480	1,040	1,441	405
$20,000–$24,999	9,216	7,108	6,000	259	849	2,110	1,681	767	914	428
$25,000–$34,999	14,509	12,136	10,678	387	1,071	2,374	1,733	987	748	641
$35,000–$49,999	11,991	10,661	9,730	353	577	1,330	779	491	287	550
$50,000 and over	8,773	7,917	7,503	171	243	857	403	272	132	454
Median income (dol.):										
All races	**20,885**	**24,783**	**27,329**	**22,882**	**12,239**	**12,010**	**10,747**	**14,120**	**9,141**	**23,948**
White	21,902	25,926	27,736	24,295	14,353	12,478	11,153	15,049	9,454	25,247
Black	12,429	14,754	21,893	17,085	8,190	7,849	7,052	8,645	5,832	13,080
Spanish origin [1]	15,906	17,143	20,249	19,962	8,005	9,673	7,591	10,607	6,527	20,472

[1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 146.

No. 746. Money Income of Households—Mean After-Tax Household Income in Constant (1983) Dollars, by Selected Characteristics: 1980 to 1983

[Households as of **March of following year.** Estimates of after-tax income were derived from tax simulation procedures based on a "statistical" combination of data from the Internal Revenue Service, summaries of State individual income tax regulations, data on the characteristics of persons paying FICA payroll taxes from the Social Security Administration, property tax information from the Annual Housing Survey, and the March Current Population Survey microdata file. For additional information on methodology see source. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	1980	1981	1982	1983	CHARACTERISTIC	1980	1981	1982	1983
All households	**19,674**	**19,165**	**19,535**	**20,001**	Married couples with children [2]	24,808	23,841	24,188	24,824
White	20,375	19,878	20,256	20,751	Married couples without children [2]	23,411	23,135	23,637	24,418
Black	13,844	13,236	13,386	13,673	Female householders with related children [3]	11,959	11,579	11,236	11,302
Spanish origin [1]	16,382	16,230	15,784	16,076					
Northeast	19,645	19,145	19,530	20,285	Age of householder:				
Midwest	19,874	19,159	19,382	19,558	Under 65 years	21,327	20,645	20,974	21,511
South	18,858	18,521	19,001	19,474	65 years and over	13,277	13,500	14,139	14,307
West	20,820	20,290	20,642	21,153					

[1] Persons of Spanish origin may be of any race. [2] Related children under 18 yr. [3] No husband present.

No. 747. Money Income of Households—Mean Income and Income per Household Member Before and After Taxes, by Selected Characteristics: 1983

[Households as of **March 1984.** See headnote, table 746]

CHARACTERISTIC	MEAN HOUSEHOLD INCOME		INCOME PER HOUSEHOLD MEMBER		Taxes as a percent of income	CHARACTERISTIC	MEAN HOUSEHOLD INCOME		INCOME PER HOUSEHOLD MEMBER		Taxes as a percent of income
	Before taxes	After taxes	Before taxes	After taxes			Before taxes	After taxes	Before taxes	After taxes	
All households	**25,401**	**20,001**	**9,377**	**7,383**	**21.3**	Nonfamily households	16,285	12,870	13,503	10,671	21.0
White	26,455	20,751	9,947	7,803	21.6	Age of householder:					
Black	16,531	13,673	5,534	4,577	17.3	15–24 years	15,451	12,833	6,772	5,625	16.9
Spanish origin [1]	19,369	16,076	5,617	4,662	17.0	25–29 years	22,210	17,679	8,243	6,561	20.4
Northeast	26,279	20,285	9,754	7,529	22.8	30–34 years	26,010	20,325	8,423	6,582	21.9
Midwest	24,990	19,558	9,207	7,206	21.7	35–39 years	30,184	23,111	8,793	6,733	23.4
South	24,233	19,474	8,892	7,146	19.6	40–44 years	32,954	25,188	9,146	6,991	23.6
West	26,966	21,153	10,024	7,863	21.6	45–49 years	33,858	25,870	9,859	7,533	23.6
Family households	28,844	22,694	8,803	6,926	21.3	50–54 years	34,551	26,166	11,374	8,614	24.3
Married couple families:						55–59 years	30,338	23,051	11,840	8,996	24.0
With no children [2]	31,226	24,418	13,011	10,175	21.8	60–64 years	25,230	19,781	11,430	8,961	21.6
With children [2]	31,841	24,824	7,522	5,864	22.0	Tenure:					
Female householder [3]	13,015	11,302	3,847	3,340	13.2	Owner occupied	29,647	23,035	10,298	8,001	22.3
						Renter occupied, incl. no cash rent	17,661	14,469	7,362	6,031	18.1

[1] Persons of Spanish origin may be of any race.
[2] Related children under 18 years. [3] No husband present, with related children under 18 years.

No. 748. Number of Households Paying Taxes and Amount of Taxes by Type of Tax and Before-Tax Money Income: 1983

[Households as of **March 1984.** See headnote, table 746]

TYPE OF TAX	Unit	Total	Under 5,000	5,000–9,999	10,000–14,999	15,000–19,999	20,000–24,999	25,000–34,999	35,000–49,999	50,000 and over
All households	**1,000**	**85,407**	**7,862**	**11,714**	**11,124**	**10,216**	**9,216**	**14,509**	**11,991**	**8,774**
Households paying—										
One or more taxes [1]	1,000	78,541	4,320	9,070	10,604	10,090	9,200	14,497	11,991	8,770
Federal income taxes	1,000	64,490	305	3,007	7,780	9,163	9,003	14,424	11,980	8,768
State income taxes	1,000	53,543	547	3,286	6,338	7,144	7,209	11,877	9,874	7,267
FICA payroll taxes	1,000	63,341	2,358	5,499	7,486	8,013	7,731	12,906	11,091	8,259
Federal retirement taxes	1,000	3,284	26	100	222	300	343	806	857	630
Property taxes	1,000	51,884	2,604	5,040	5,562	5,621	5,712	10,286	9,417	7,641
Taxes paid	**Bil.dol**	**462.6**	**1.6**	**5.9**	**15.1**	**25.4**	**35.6**	**86.2**	**114.5**	**178.3**
Percent of taxes paid:										
Federal income taxes	Percent	56.8	2.0	18.7	37.9	46.2	50.0	52.6	56.2	65.4
State income taxes	Percent	12.4	1.5	5.6	8.5	10.2	11.1	12.3	12.8	13.5
FICA payroll taxes	Percent	21.4	23.9	36.2	33.9	30.4	27.7	25.4	22.5	14.6
Federal retirement taxes	Percent	1.1	.2	.5	.9	1.0	1.1	1.4	1.3	1.0
Property taxes	Percent	8.3	72.3	39.0	18.8	12.2	10.1	8.3	7.1	5.6

[1] Figures will not add as more than one type of tax may be reported for each household.

Source of tables 746–748: U.S. Bureau of the Census, *Current Population Reports*, series P–23, No. 143 and unpublished data.

No. 749. Households—Number and Mean Monthly Income, By Income Source or Program: 1984

[Monthly average for second quarter 1984. Based on the Survey of Income and Program Participation; see text, p. 429]

Income source or program	Household		Mean monthly income (dol.)	Mean amount of specified source (dol.)	Income source or program	Household		Mean monthly income (dol.)	Mean amount of specified source (dol.)
	Number (1,000)	Percent of total				Number (1,000)	Percent of total		
All households	**84,002**	**100.0**	**2,261**	(x)	State and local gov't employee pensions	2,512	3.0	2,211	573
Households receiving—					Supplemental Security income	2,963	3.5	1,033	245
Earnings [1]	61,505	73.2	2,720	2,394	Aid to Families with Dependent Children and other cash assistance	3,823	4.6	864	316
Property income [2]	57,722	68.7	2,670	255	Medicaid	7,553	9.0	1,013	(x)
Company or union pensions	7,238	8.6	1,902	394	Food stamps	6,292	7.5	641	(x)
Private support payments [3]	4,354	5.2	1,994	331	Free or reduced-price school meals	3,688	4.4	1,203	(x)
Social Security or railroad retirement	23,508	28.0	1,590	562	Public or subsidized rental housing	3,668	4.4	754	(x)
Federal government employee pensions	1,671	2.0	2,643	944	Energy assistance	2,293	2.7	736	(x)
U.S. military pensions	1,283	1.5	3,555	1,014	Special supplemental food program for Women, Infants, and Children (WIC)	1,247	1.5	1,031	(x)
Veterans' compensation or pensions	3,326	4.0	1,900	230					

X Not applicable. [1] Earnings include wage or salary and self-employment income. [2] Property income includes interest, dividends, income from rental property, and other asset income. [3] Private support payments include child support, allmony, and money from relatives, friends, and charitable groups.

No. 750. Selected Characteristics of Households, By Mean Monthly Household Cash Income and Program Participation Status: 1984

[Monthly average for second quarter 1984. Based on the Survey of Income and Program Participation; see text, p. 429]

Characteristic	Total (1,000)	Mean monthly household cash income (dol.)	Households in which one or more persons received benefits from means-tested programs							
			Total		Cash benefits		Noncash benefits			
							Total [1]		Food stamps	
			Number (1,000)	Percent of total	Number (1,000)	Percent of total	Number (1,000)	Percent of total	Number (1,000)	Percent of total
All households	**84,002**	**2,261**	**14,453**	**17.2**	**7,200**	**8.6**	**13,726**	**16.3**	**6,292**	**7.5**
Race and Spanish origin of householder:										
White	72,909	2,356	9,947	13.6	4,666	6.4	9,305	12.8	3,844	5.3
Black	9,238	1,480	4,071	44.1	2,286	24.7	3,994	43.2	2,247	24.3
Spanish origin [2]	4,045	1,735	1,465	36.2	763	18.9	1,445	35.7	683	16.9
Residence:										
Inside metropolitan areas	64,983	2,385	10,647	16.4	5,486	8.4	10,096	15.5	4,471	6.9
1,000,000 or more	41,889	2,502	6,959	16.6	3,752	9.0	6,647	15.9	2,886	6.9
Under 1,000,000	23,094	2,172	3,689	16.0	1,734	7.5	3,449	14.9	1,585	6.9
Outside metropolitan areas	19,019	1,839	3,805	20.0	1,714	9.0	3,630	19.1	1,822	9.6
Region:										
Northeast	18,190	2,403	3,308	18.2	1,581	8.7	3,116	17.1	1,333	7.3
Midwest	21,055	2,184	3,396	16.1	1,698	8.1	3,303	15.7	1,594	7.6
South	28,375	2,150	5,149	18.1	2,385	8.4	4,843	17.1	2,469	8.7
West	16,382	2,396	2,599	15.9	1,536	9.4	2,465	15.0	896	5.5
Type of household:										
Family households	60,895	2,604	10,673	17.5	5,355	8.8	10,146	16.7	4,901	8.0
Married-couple families	48,797	2,850	5,524	11.3	2,241	4.6	5,097	10.4	1,784	3.7
Female householder, no husband present, with own children under 18 years	6,135	1,126	3,486	56.8	2,170	35.4	3,469	56.5	2,398	39.1
All other family households	5,963	2,106	1,663	27.9	944	15.8	1,580	26.5	719	12.1
Nonfamily households:										
Male householder	9,669	1,713	1,067	11.0	587	6.1	1,005	10.4	390	4.0
Female householder	13,438	1,103	2,713	20.2	1,258	9.4	2,575	19.2	1,002	7.5
Age of householder:										
15 to 24 years	5,628	1,470	1,056	18.8	604	10.7	1,053	18.7	708	12.6
25 to 34 years	19,691	2,109	3,534	17.9	1,542	7.8	3,505	17.8	1,818	9.2
35 to 44 years	16,622	2,768	2,489	15.0	1,098	6.6	2,418	14.5	1,123	6.8
45 to 54 years	12,095	3,048	1,923	15.9	1,044	8.6	1,835	15.2	784	6.5
55 to 64 years	12,597	2,562	1,805	14.3	1,002	8.0	1,591	12.6	699	5.5
65 years and over	17,370	1,439	3,646	21.0	1,910	11.0	3,323	19.1	1,160	6.7
Work disability status of householder:										
Householder, 16 to 64 years	66,632	2,476	10,806	16.2	5,290	7.9	10,402	15.6	5,132	7.7
With retirement or disability income	4,439	1,556	1,724	38.8	1,188	26.8	1,477	33.3	699	15.8
With no work disability	56,877	2,613	7,403	13.0	3,154	5.5	7,250	12.7	3,345	5.9

[1] Includes food stamps, Medicaid, women-infant-children (WIC) energy assistance, public/subsidized rental housing and free or reduced-price meals, not shown separately. [2] Persons of Spanish orgin may be of any race.

Source of tables 749 and 750: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 4.

No. 751. Money Income of Families—Percent Distribution by Income Level in Constant (1984) Dollars, by Race and Spanish Origin: 1960 to 1984

[Families as of **March** of following year. Beginning with **1980**, based on householder concept and restricted to primary families. For definition of race, family, and householder see text, pp. 3 and 4. Based on Current Population Survey; see text, pp. 2 and 428 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series G 1-8, G 16-23, G 190-192, and G 197-199]

Race and Spanish origin of householder and year	Number of families (1,000)	Percent distribution of families, by income level								Median income (dol.)
		Under $5,000	$5,000-$9,999	$10,000-$14,999	$15,000-$19,999	$20,000-$24,999	$25,000-$34,999	$35,000-$49,999	$50,000 and over	
ALL FAMILIES										
1960	45,539	8.3	12.2	14.0	20.9	11.5	12.0	8.0	13.0	19,711
1965	48,509	5.7	10.6	12.0	17.6	10.6	12.2	9.2	22.0	22,903
1970	52,227	4.2	8.5	10.3	14.5	9.3	28.2	13.8	11.3	26,394
1975	56,245	3.7	9.2	10.9	11.2	11.8	26.9	13.8	12.5	26,476
1980	60,309	4.8	8.9	10.9	11.1	10.8	21.0	18.6	13.8	26,500
1981	61,019	5.1	9.4	11.5	11.3	11.3	19.8	18.1	13.3	25,569
1982	61,393	5.6	9.7	11.5	11.3	11.6	19.6	17.2	13.5	25,216
1983	62,015	5.5	9.7	11.1	11.4	11.1	19.3	17.7	14.1	25,594
1984	62,706	5.0	9.4	10.8	10.8	10.7	19.0	18.4	15.8	26,433
WHITE										
1960	41,123	6.8	11.2	13.4	21.5	11.9	12.5	8.4	14.2	20,465
1965	43,497	4.8	9.4	11.1	17.8	10.8	12.5	9.6	24.0	23,871
1970	46,535	3.5	7.6	9.5	14.3	9.3	29.3	14.5	12.1	27,381
1975	49,873	3.0	8.0	10.4	11.0	11.9	27.8	14.5	13.4	27,536
1980	52,710	3.8	7.6	10.3	11.1	11.0	21.8	19.5	14.8	27,611
1981	53,269	4.0	8.2	11.0	11.3	11.5	20.5	19.1	14.3	26,858
1982	53,407	4.4	8.4	11.0	11.4	11.8	20.3	18.2	14.6	26,475
1983	53,890	4.3	8.4	10.8	11.4	11.4	20.0	18.7	15.1	26,814
1984	54,400	3.8	8.1	10.3	10.7	11.0	19.8	19.4	16.9	27,686
BLACK										
1960 [1]	4,333	22.4	22.3	18.9	16.1	7.4	6.4	3.4	3.2	11,329
1965 [1]	4,782	13.9	22.1	20.7	16.4	8.3	7.9	4.7	5.9	13,145
1970	4,926	10.6	17.8	16.2	16.5	9.3	19.0	7.0	3.6	16,796
1975	5,566	9.7	19.9	15.2	13.2	11.6	19.1	7.3	4.0	16,943
1980	6,317	13.0	19.1	15.4	12.2	9.6	14.7	10.9	4.9	15,976
1981	6,413	14.5	19.5	15.7	11.5	10.1	14.5	9.8	4.4	15,151
1982	6,530	15.8	19.8	15.4	11.0	10.2	14.5	9.5	3.6	14,633
1983	6,681	15.6	19.8	14.5	11.7	9.7	14.2	9.8	4.8	15,150
1984	6,778	14.8	19.2	14.9	12.3	9.4	13.1	10.5	5.8	15,432
SPANISH ORIGIN [2]										
1975	2,499	7.6	15.8	16.8	14.6	12.1	20.8	8.0	4.4	18,432
1980	3,235	9.0	15.2	16.1	14.0	11.3	17.0	11.8	5.7	18,550
1981	3,305	8.7	15.3	15.7	13.7	12.6	16.1	12.0	5.8	18,731
1982	3,369	9.4	18.0	15.7	13.8	11.6	15.4	10.9	5.3	17,462
1983	3,786	9.7	17.4	15.1	13.9	12.6	14.8	10.8	5.8	17,626
1984	3,939	9.7	15.7	15.0	11.7	12.1	16.7	12.3	6.7	18,833

[1] For 1960 and 1965, Black and other races. [2] Persons of Spanish origin may be of any race.

No. 752. Money Income of Families—Median Family Income in Current and Constant (1984) Dollars, by Race and Spanish Origin of Householder: 1950 to 1984

[See headnote, table 751. For definition of median, see Guide to Tabular Presentation. Minus sign (−) indicates decrease]

Year	Median income in current dollars (dol.)				Median income in constant (**1984**) dollars (dol.)				Annual percent change of median income of all families	
	All families [1]	White	Black	Spanish origin [2]	All families [1]	White	Black	Spanish origin [2]	Current dollars	Constant dollars
1950	3,319	3,445	[3] 1,869	(NA)	14,321	14,865	8,064	(NA)	[4] 3.1	[4] .6
1955	4,418	4,613	[3] 2,544	(NA)	17,198	17,894	9,868	(NA)	5.9	3.7
1960	5,620	5,835	[3] 3,230	(NA)	19,711	20,465	11,329	(NA)	4.9	2.8
1965	6,957	7,251	[3] 3,993	(NA)	22,903	23,871	13,145	(NA)	4.4	3.1
1970	9,867	10,236	6,279	(NA)	26,394	27,381	16,796	(NA)	7.2	2.9
1971	10,285	10,672	6,440	(NA)	26,378	27,371	16,517	(NA)	4.2	−.1
1972	11,116	11,549	6,864	8,183	27,599	28,674	17,042	20,317	8.1	4.6
1973	12,051	12,595	7,269	8,715	28,167	29,439	16,990	20,370	8.4	2.1
1974	12,902	13,408	8,006	9,540	27,175	28,241	16,863	20,094	7.1	−3.5
1975	13,719	14,268	8,779	9,551	26,476	27,536	16,943	18,432	6.3	−2.6
1976	14,958	15,537	9,242	10,259	27,293	28,349	16,863	18,719	9.0	3.1
1977	16,009	16,740	9,563	11,421	27,440	28,693	16,391	19,576	7.0	.5
1978	17,640	18,368	10,879	12,566	28,085	29,244	17,321	20,007	10.2	2.4
1979	19,587	20,439	11,574	14,169	28,029	29,248	16,562	20,276	11.0	−.2
1980	21,023	21,904	12,674	14,716	26,500	27,611	15,976	18,550	7.3	−5.5
1981	22,388	23,517	13,266	16,401	25,569	26,858	15,151	18,731	6.5	−3.5
1982	23,433	24,603	13,598	16,227	25,216	26,475	14,633	17,462	4.7	−1.4
1983	24,549	25,719	14,532	16,906	25,594	26,814	15,150	17,626	4.8	1.5
1984	26,433	27,686	15,432	18,833	26,433	27,686	15,432	18,833	7.7	3.3

NA Not available. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race. [3] For 1950-1965, Black and other races. [4] Change from 1947.

Source of tables 751 and 752: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 149, and unpublished data.

NO. 753. MONEY INCOME OF FAMILIES—PERCENT DISTRIBUTION BY INCOME LEVEL, BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER, AND SELECTED CHARACTERISTICS: 1983

[Families as of **March 1984.** See headnote, table 751. For definitions, see text, p. 4. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970,* series G1-8 for U.S. data on total, White, Black and other races]

RACE OF HOUSEHOLDER, REGION, RESIDENCE, AND EDUCATION	Number of families (1,000)	PERCENT DISTRIBUTION OF FAMILIES, BY INCOME LEVEL ($1,000)—									Median income (dol.)
		Under 5.0	5.0-9.9	10.0-14.9	15.0-19.9	20.0-24.9	25.0-29.9	30.0-39.9	40.0-49.9	50.0 and over	
All families [1]	**61,997**	**5.8**	**10.2**	**11.6**	**11.8**	**11.5**	**10.4**	**16.2**	**9.9**	**12.6**	**24,580**
WHITE											
Total	**53,934**	**4.4**	**8.9**	**11.3**	**11.9**	**11.8**	**10.7**	**17.0**	**10.5**	**13.6**	**25,757**
Northeast	11,467	4.2	8.3	9.3	10.6	11.2	10.9	18.1	12.0	15.5	27,754
Midwest	14,309	4.5	8.5	11.1	12.1	12.4	11.0	17.9	10.3	12.1	25,553
South	17,807	4.5	9.6	12.6	12.6	11.8	10.3	16.3	9.4	12.7	24,465
West	10,350	4.4	8.8	11.3	11.8	11.4	10.8	15.8	10.8	14.9	26,011
In metropolitan areas [2]	35,467	3.7	7.5	9.7	11.0	11.4	10.7	17.6	11.7	16.7	27,948
In central cities	12,336	5.0	9.8	11.3	12.5	12.0	10.6	15.6	10.1	13.1	24,730
Outside central cities	23,131	3.0	6.3	8.9	10.2	11.0	10.8	18.7	12.6	18.6	29,893
Outside metropolitan areas	18,467	5.8	11.5	14.2	13.6	12.5	10.7	15.9	8.1	7.6	21,761
Householder completed [3]—											
Elementary school:											
Less than 8 years	3,501	9.9	26.1	21.0	15.2	9.4	6.1	6.6	3.4	2.5	13,063
8 years	3,407	6.3	16.5	21.2	15.9	11.5	8.9	11.2	4.8	3.7	16,564
High school:											
1-3 years	6,096	7.0	14.8	16.6	14.7	13.0	10.1	12.7	6.4	4.8	18,849
4 years	18,867	3.9	6.9	11.1	13.2	13.8	13.0	18.9	10.2	9.0	25,387
College:											
1-3 years	8,223	2.7	5.4	7.7	10.1	12.1	12.2	22.1	13.3	14.5	29,947
4 years or more	11,113	1.0	1.7	3.1	5.8	7.5	8.8	20.0	17.0	35.1	40,943
BLACK											
Total	**6,675**	**16.2**	**20.5**	**14.7**	**11.8**	**9.7**	**8.2**	**9.8**	**5.1**	**4.0**	**14,506**
Northeast	1,278	13.5	19.0	16.1	10.3	9.4	9.6	12.8	6.0	3.2	15,589
Midwest	1,260	20.6	20.4	13.7	8.6	9.3	9.6	8.6	4.1	5.2	13,048
South	3,494	16.7	21.7	14.7	13.1	9.9	6.6	8.8	4.8	3.7	13,828
West	642	9.9	16.7	13.8	14.6	9.6	11.6	11.8	7.3	4.7	18,217
In metropolitan areas [2]	5,123	15.4	19.2	14.6	11.1	9.8	8.9	10.6	5.7	4.6	15,304
In central cities	3,580	17.0	21.3	14.8	10.7	9.3	9.2	9.3	5.0	3.4	13,885
Outside central cities	1,544	11.9	14.5	14.1	11.9	10.9	8.2	13.7	7.3	7.4	18,900
Outside metropolitan areas	1,552	18.6	24.5	15.1	14.4	9.4	6.1	7.1	3.1	1.7	11,964
Householder completed [3]—											
Elementary school:											
Less than 8 years	928	17.7	34.8	18.2	11.5	6.0	3.9	4.7	2.3	.9	9,620
8 years	419	16.7	28.9	19.4	11.2	9.3	5.7	6.0	1.2	1.4	11,209
High school:											
1-3 years	1,267	21.4	22.8	13.7	14.4	7.5	7.8	7.9	2.8	1.7	12,052
4 years	2,133	13.4	17.9	17.0	12.1	11.4	9.1	11.5	4.9	2.7	15,654
College:											
1-3 years	877	8.2	11.2	13.4	12.2	13.2	12.1	13.7	8.2	7.9	21,710
4 years or more	612	2.9	4.7	5.6	9.8	12.8	12.4	18.3	16.9	16.5	30,709
SPANISH ORIGIN [4]											
Total	**3,567**	**10.1**	**17.9**	**15.6**	**14.0**	**13.0**	**8.2**	**10.4**	**5.7**	**5.0**	**16,956**
Northeast	668	17.1	26.0	11.4	10.6	11.8	6.3	9.1	4.5	3.1	12,766
Midwest	249	10.5	15.4	12.6	12.6	11.7	12.1	12.6	7.7	4.9	19,713
South	1,178	9.4	15.8	16.5	14.1	13.3	8.4	11.0	5.5	5.9	17,486
West	1,473	7.5	16.3	17.3	15.7	13.5	8.2	10.3	6.2	5.1	17,413
In metropolitan areas [2]	3,084	10.0	17.6	15.3	14.0	13.1	8.0	10.9	5.9	5.1	17,149
In central cities	1,804	12.0	20.2	15.8	14.6	12.5	7.0	9.1	5.2	3.5	15,565
Outside central cities	1,280	7.3	13.9	14.7	13.2	14.1	9.5	13.2	6.8	7.2	20,317
Outside metropolitan areas	482	10.8	19.8	17.3	13.7	11.9	8.7	7.7	5.0	5.2	15,725
Householder completed [3]—											
Elementary school:											
Less than 8 years	987	11.6	26.1	20.4	14.2	12.1	5.6	5.6	2.4	2.1	12,917
8 years	289	11.7	20.0	17.9	16.2	11.7	6.2	8.6	3.8	3.8	15,076
High school:											
1-3 years	500	14.0	17.6	17.4	14.4	12.6	6.4	10.4	3.4	3.8	15,234
4 years	843	7.5	10.9	13.6	14.6	15.4	12.7	12.8	8.2	4.3	20,898
College:											
1-3 years	381	2.4	10.3	10.6	14.6	12.2	13.0	19.8	8.5	8.7	24,947
4 years or more	262	2.3	5.8	4.6	8.5	10.8	6.9	18.9	19.3	22.8	34,716

[1] Includes other races not shown separately. [2] 243 standard metropolitan statistical areas as of the 1970 census. [3] Restricted to families with householder 25 years old and over. [4] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 146.

No. 754. Money Income of Families—Income and Percent of Aggregate Income at Selected Positions Received by Each Fifth and Top 5 Percent of Families: 1984

[Families as of **March 1985.** For composition of regions, see fig. I, inside front cover. Based on Current Population Survey, see headnote, table 751. See also *Historical Statistics, Colonial Times to 1970,* series G 31–138]

ITEM	All families	RACE			REGION			
		White	Black and other		Northeast	Midwest	South	West
			Total	Black				
Number (1,000)	62,706	54,400	8,306	6,778	13,149	15,839	21,781	11,938
INCOME AT SELECTED POSITIONS (dollars)								
Upper limit of each fifth:								
Lowest	12,489	13,945	6,864	6,100	13,320	12,956	11,274	14,000
Second	21,709	23,120	13,000	11,755	23,500	22,262	19,500	23,358
Third	31,500	32,851	21,589	19,091	34,000	31,325	29,000	33,440
Fourth	45,300	46,600	35,400	31,000	47,800	43,708	43,222	48,200
Top 5 percent	73,230	75,337	58,280	52,830	76,651	68,100	73,430	76,099
PERCENT DISTRIBUTION OF AGGREGATE INCOME								
Lowest fifth	4.7	5.1	3.5	3.7	4.8	4.7	4.6	5.0
Second fifth	11.0	11.4	8.8	9.0	11.2	11.7	10.3	11.4
Third fifth	17.0	17.1	15.4	15.5	17.4	17.7	16.3	17.1
Fourth fifth	24.4	24.1	25.1	24.9	24.5	24.5	24.1	24.3
Highest fifth	42.9	42.2	47.1	46.9	42.2	41.4	44.7	42.2
Top 5 percent	16.0	15.7	17.0	16.6	15.4	15.1	17.3	15.4

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 149.

No. 755. Money Income of Families—Aggregate, Mean, and Per Capita Income, by Family Characteristics: 1983

[Families as of **March 1984.** Based on Current Population Survey; see headnote, table 751]

CHARACTERISTIC	ALL RACES [1]				WHITE				BLACK			
	All families (1,000)	Aggregate income (bil. dol.)	Mean income [2] (dol.)	Per capita income (dol.)	All families (1,000)	Aggregate income (bil. dol.)	Mean income [2] (dol.)	Per capita income (dol.)	All families (1,000)	Aggregate income (bil. dol.)	Mean income [2] (dol.)	Per capita income (dol.)
Total families	**61,997**	**1,775.4**	**28,638**	**8,827**	**53,934**	**1,611.2**	**29,875**	**9,383**	**6,675**	**122.3**	**18,317**	**5,073**
Age of householder:												
15 to 24 years	3,256	50.0	15,355	5,652	2,727	45.1	16,554	6,190	437	3.5	8,111	2,829
25 to 34 years	14,632	361.8	24,726	7,306	12,450	323.9	26,018	7,744	1,844	29.7	16,092	4,618
35 to 44 years	14,062	456.5	32,462	8,371	12,094	408.3	33,755	8,785	1,562	33.4	21,385	5,236
45 to 54 years	10,519	384.2	36,525	10,174	9,167	348.7	38,041	10,844	1,080	25.7	23,809	5,798
55 to 64 years	9,843	315.5	32,056	11,433	8,785	292.5	33,298	12,214	903	17.9	19,827	5,805
65 years and over	9,682	207.4	21,419	9,066	8,710	192.7	22,123	9,628	848	12.0	14,161	4,767
Marital status of householder:												
Male householder, total	49,609	1,548.5	31,215	9,479	45,060	1,428.7	31,708	9,770	3,441	83.0	24,113	6,509
Married:												
Wife present	47,579	1,497.9	31,482	9,491	43,438	1,385.5	31,896	9,756	3,087	77.0	24,926	6,644
Wife absent	283	6.7	23,800	8,257	198	5.1	25,777	9,416	73	1.3	17,456	5,315
Separated	243	5.6	23,062	8,014	166	4.2	24,997	9,146	71	1.2	17,005	5,219
Widowed	400	10.2	25,587	8,803	304	8.7	28,561	10,510	91	1.4	15,613	4,468
Divorced	708	19.2	27,191	10,248	620	17.3	27,886	10,710	82	1.7	21,136	6,928
Single	638	14.4	22,569	8,501	500	12.1	24,310	9,770	108	1.6	14,809	4,457
Female householder, total	12,388	226.9	18,318	6,008	8,874	182.5	20,569	7,165	3,233	39.3	12,147	3,460
Married:												
Husband present	2,510	78.2	31,169	9,977	2,090	68.7	32,873	10,997	359	7.9	21,945	5,794
Husband absent	1,845	22.1	11,964	3,447	1,127	13.9	12,375	3,851	673	7.5	11,168	2,846
Separated	1,569	17.9	11,429	3,258	918	10.8	11,802	3,646	623	6.7	10,766	2,739
Widowed	2,582	47.3	18,332	6,124	1,939	39.1	20,169	7,262	583	7.2	12,298	3,374
Divorced	3,703	57.6	15,600	5,281	2,902	47.3	16,306	5,778	731	9.5	12,950	3,744
Single	1,747	21.5	12,305	4,427	816	13.4	16,473	6,623	887	7.2	8,168	2,687
Size of family:												
Two persons	24,831	623.1	25,092	12,431	22,272	581.9	26,126	12,976	2,226	33.4	14,986	7,240
Three persons	14,427	418.9	29,036	9,537	12,510	380.5	30,418	10,010	1,587	29.5	18,560	5,992
Four persons	13,228	432.2	32,673	8,126	11,539	390.7	33,862	8,428	1,352	29.7	21,941	5,423
Five persons	5,916	191.3	32,331	6,427	4,940	168.8	34,163	6,790	775	15.5	19,953	3,969
Six persons	2,276	72.2	31,732	5,237	1,782	60.2	33,792	5,587	387	7.8	20,134	3,288
Seven persons or more	1,319	37.8	28,681	3,652	891	29.2	32,722	4,250	346	6.5	18,794	2,290

[1] Includes other races not shown separately. [2] For definition of mean, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 146.

No. 756. Median Money Income of Families and Unrelated Individuals, in Current and Constant (1983) Dollars: 1955 to 1983

[See headnote, table 751. Unrelated individuals are persons not living with any relatives. See text, pp. 4 and 428. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series G 179–188]

ITEM	1955	1960	1965	1970	1975	1980	1981	1982	1983
CURRENT DOLLARS									
Families:[1]									
Married-couple families	4,599	5,873	7,330	10,516	14,867	23,141	25,065	26,019	27,286
Wife in paid labor force	5,622	6,900	8,633	12,276	17,237	26,879	29,247	30,342	32,107
Wife not in paid labor force	4,326	5,520	6,706	9,304	12,752	18,972	20,325	21,299	21,890
Male householder, no wife present	4,190	4,860	6,515	9,012	12,995	17,519	19,889	20,140	21,845
Female householder, no husband present	2,471	2,968	3,535	5,093	6,844	10,408	10,960	11,484	11,789
Unrelated individuals:									
Male	1,831	2,480	3,194	4,540	6,612	10,939	11,848	12,470	13,249
Female	1,054	1,377	2,267	2,483	3,978	6,668	7,370	8,058	9,130
CONSTANT (1983) DOLLARS									
Families:[1]									
Married-couple families	17,111	19,758	23,146	26,982	27,521	27,979	27,457	26,856	27,286
Wife in paid labor force	20,918	23,213	27,260	31,497	31,908	32,499	32,039	31,318	32,107
Wife not in paid labor force	16,096	18,570	21,175	23,872	23,605	22,939	22,265	21,984	21,890
Male householder, no wife present	15,590	16,350	20,572	23,123	24,055	21,182	21,787	20,788	21,845
Female householder, no husband present	9,194	9,985	11,162	13,068	12,669	12,584	12,006	11,853	11,789
Unrelated individuals:									
Male	6,813	8,343	10,086	11,649	12,240	13,226	12,979	12,871	13,249
Female	3,922	4,632	7,158	6,371	7,364	8,062	8,073	8,317	9,130

[1] Beginning 1980, based on household concept. Restricted to primary families, see source.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 146, and earlier issues.

No. 757. Money Income of Families—Type of Family, by Income Level: 1983

[**In thousands, except dollars.** Families as of **March 1984.** Based on Current Population Survey; see headnote, table 751. For definition of median, See Guide to Tabular Presentation]

TYPE OF FAMILY	Number of families	INCOME LEVEL								Median income (dol.)
		Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000–$24,999	$25,000–$34,999	$35,000–$49,999	$50,000 and over	
All families	**61,997**	**3,565**	**6,328**	**7,207**	**7,342**	**7,109**	**12,089**	**10,539**	**7,817**	**24,580**
Married-couple families	50,090	1,385	3,807	5,296	5,747	6,007	10,670	9,704	7,473	27,286
Wife in paid labor force	26,177	366	928	1,731	2,489	3,127	6,188	6,434	4,912	32,107
Wife employed	24,698	303	748	1,527	2,301	2,891	5,891	6,235	4,802	32,711
Wife unemployed	1,478	63	181	204	188	236	296	199	112	21,911
Wife not in paid labor force	23,913	1,019	2,879	3,565	3,258	2,880	4,482	3,269	2,561	21,890
Male householder, no wife present	2,030	152	240	254	267	259	395	316	145	21,845
Female householder, no husband present	9,878	2,027	2,280	1,658	1,328	842	1,024	521	199	11,789

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 146, and earlier issues.

No. 758. Median Family Money Income by Number of Earners and Race of Householder: 1983

[See headnote, table 751. For definition of median, see Guide to Tabular Presentation]

NUMBER OF EARNERS	ALL FAMILIES, MEDIAN FAMILY INCOME (dollars)			FAMILIES WITH HOUSEHOLDER, YEAR-ROUND FULL-TIME WORKER						BLACK-WHITE MEDIAN FAMILY INCOME RATIO	
				Percent of all families			*Median family income* (dollars)				
	All races[1]	White	Black	All races[1]	White	Black	All races[1]	White	Black	All families	Families with householder year-round full-time worker
All families[2]	**24,666**	**25,838**	**14,435**	**55.9**	**57.3**	**43.7**	**31,793**	**32,432**	**24,058**	**.56**	**.74**
No earners	10,438	11,883	5,183	–	–	–	(B)	(B)	(B)	.44	(X)
1 earner	19,409	20,710	11,779	53.2	54.3	44.4	23,949	25,183	15,748	.57	.63
2 earners	29,808	30,357	24,396	71.1	72.4	64.8	32,683	33,101	27,900	.80	.84
3 earners	37,327	38,025	29,226	74.9	75.9	63.8	40,149	40,625	32,370	.77	.80
4 earners or more	47,732	48,540	36,727	79.8	80.7	73.5	50,013	50,509	42,845	.76	.85

– Represents zero or rounds to zero. B Base less than 75,000. X Not applicable. [1] Includes other races not shown separately. [2] Civilian members 15 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 146, and earlier issues.

No. 759. Money Income of Families—Percent Distribution by Income Level, and Median Income in Constant (1983) Dollars, by Region: 1960 to 1983

[Families as of March of following year. For composition of regions, see fig. I, inside front cover. Beginning 1980, data not strictly comparable with earlier years due to revised procedures. See also headnote, table 751. For definition of median, see Guide to Tabular Presentation]

Region and income level	1960	1970	1980	1982	1983
Northeast	100.0	100.0	100.0	100.0	100.0
Under $5,000	4.6	2.9	4.3	4.8	5.1
$5,000–$9,999	9.8	7.4	9.2	9.7	9.3
$10,000–$14,999	14.4	9.5	10.3	11.3	10.1
$15,000–$19,999	23.6	14.5	11.2	10.9	10.6
$20,000–$24,999	12.8	9.4	11.5	11.9	11.0
$25,000–$34,999	34.7	30.0	21.6	20.3	20.2
$35,000–$49,999		14.6	18.5	18.2	19.4
$50,000 and over		11.8	13.3	12.8	14.3
Midwest	100.0	100.0	100.0	100.0	100.0
Under $5,000	7.6	3.7	4.5	5.7	5.8
$5,000–$9,999	12.6	8.0	8.8	9.2	9.6
$10,000–$14,999	13.9	10.0	10.5	11.0	11.3
$15,000–$19,999	23.0	15.0	11.4	11.7	11.8
$20,000–$24,999	12.1	9.6	11.8	12.5	12.1
$25,000–$34,999	30.7	30.1	22.0	21.2	21.1
$35,000–$49,999		13.8	19.4	17.5	16.7
$50,000 and over		10.0	11.6	11.1	11.6
South	100.0	100.0	100.0	100.0	100.0
Under $5,000	15.5	6.8	6.7	7.0	6.5
$5,000–$9,999	17.8	11.5	11.0	11.8	11.6
South—Con.					
$10,000–$14,999	17.7	12.9	12.5	13.4	12.9
$15,000–$19,999	19.9	16.7	12.8	12.6	12.7
$20,000–$24,999	9.7	10.1	11.5	12.1	11.5
$25,000–$34,999	19.5	23.3	19.8	18.3	18.1
$35,000–$49,999		10.8	15.6	14.3	15.4
$50,000 and over		7.9	10.2	10.7	11.3
West	100.0	100.0	100.0	100.0	100.0
Under $5,000	4.8	3.5	4.0	5.0	4.8
$5,000–$9,999	9.0	8.6	8.5	9.3	9.4
$10,000–$14,999	12.1	9.8	11.1	11.8	11.3
$15,000–$19,999	21.3	15.1	11.1	11.6	11.8
$20,000–$24,999	12.2	9.6	10.9	11.4	11.1
$25,000–$34,999		28.7	20.2	18.9	19.1
$35,000–$49,999	40.6	13.8	18.9	17.4	17.8
$50,000 and over		10.9	15.2	14.5	14.4
MEDIAN INCOME (dol.)					
Northeast	20,376	27,444	26,426	25,720	26,678
Midwest	19,467	26,497	26,280	24,998	24,730
South	14,749	21,943	23,144	22,192	22,495
West	22,019	26,358	26,939	25,416	25,592

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 146.

No. 760. Per Capita Money Income for 50 Largest Cities: 1979 to 1983

City	1979	1981	1983	Percent change, 1979–1983
New York, NY	$7,271	$8,737	$9,924	36.5
Los Angeles, CA	8,415	9,816	10,654	26.6
Chicago, IL	6,933	8,333	8,971	29.4
Houston, TX	8,793	10,724	11,320	28.7
Philadelphia, PA	6,053	7,109	7,870	30.0
Detroit, MI	6,215	7,090	7,644	23.0
Dallas, TX	8,610	10,329	11,453	33.0
San Diego, CA	8,016	9,584	10,298	28.5
Phoenix, AZ	7,552	8,922	9,651	27.8
San Antonio, TX	5,670	6,936	7,619	34.4
Baltimore, MD	5,877	7,076	7,673	30.6
San Francisco, CA	9,265	11,026	12,116	30.8
Indianapolis, IN	7,585	8,897	9,669	27.5
San Jose, CA	8,382	10,030	11,158	33.1
Memphis, TN	6,466	7,542	8,262	27.8
Washington, DC	8,959	10,680	11,818	31.9
Milwaukee, WI	7,029	8,285	8,822	25.5
Jacksonville, FL	6,767	8,217	9,206	36.0
Boston, MA	6,555	7,783	9,100	38.8
Columbus, OH	6,783	7,925	8,800	29.7
New Orleans, LA	6,463	8,017	8,530	32.0
Cleveland, OH	5,770	6,799	7,258	25.8
Denver, CO	8,553	10,319	11,606	35.7
Seattle, WA	9,282	11,006	11,676	25.8
El Paso, TX	$5,439	$6,550	$7,018	29.0
Nashville-Davidson, TN	7,276	8,571	9,669	32.9
Oklahoma City, OK	7,998	10,014	10,777	34.7
Kansas City, MO	7,480	8,809	9,826	31.4
St. Louis, MO	5,877	7,054	7,858	33.7
Atlanta, GA	6,539	7,809	8,919	36.4
Ft. Worth, TX	7,336	8,988	9,598	30.8
Pittsburgh, PA	6,845	8,277	8,991	31.4
Austin, TX	7,245	8,950	10,042	38.6
Long Beach, CA	8,343	9,978	10,552	26.5
Tulsa, OK	8,842	11,059	11,836	33.9
Miami, FL	6,084	7,244	7,885	29.6
Honolulu, HI [1]	7,912	9,264	10,121	27.9
Cincinnati, OH	6,874	8,095	8,904	29.5
Portland, OR	8,096	9,300	9,727	20.1
Tucson, AZ	6,528	7,954	8,333	27.6
Minneapolis, MN	7,940	9,482	10,741	35.3
Oakland, CA	7,701	9,171	9,834	27.7
Albuquerque, NM	7,440	8,817	9,897	33.0
Toledo, OH	7,050	8,246	8,923	26.6
Buffalo, NY	5,929	7,140	7,757	30.8
Omaha, NE	7,681	9,194	10,395	35.2
Charlotte, NC	7,827	9,287	10,545	34.7
Newark, NJ	4,525	5,292	5,897	30.3
Virginia Beach, VA	7,704	9,386	10,485	36.1
Sacramento, CA	7,558	8,957	9,543	26.3

[1] Data are for Honolulu County.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-26, No. 82-1-SC to 82-50-SC, and forthcoming reports.

NO. 761. MARRIED-COUPLE FAMILIES WITH EARNINGS, BY WORK EXPERIENCE IN 1983 OF HUSBANDS AND WIVES

[As of **March 1984**]

WORK EXPERIENCE OF HUSBAND	NUMBER (1,000)					MEAN EARNINGS (dol.)				
	Total	Wife worked in 1983			Wife did not work in 1983	Total	Wife worked in 1983			Wife did not work in 1983
		Total	Worked at full-time jobs	Worked at part-time jobs			Total	Worked at full-time jobs	Worked at Part-time jobs	
Total	42,182	28,706	19,183	9,523	13,477	28,574	30,614	32,495	26,824	24,229
Work experience of husband:										
Husband worked in 1983	39,885	26,408	17,689	8,719	13,477	29,684	32,468	34,206	28,944	24,229
Full-time jobs	37,042	24,879	16,766	8,112	12,163	30,966	33,356	34,963	30,035	26,079
Part-time jobs	2,843	1,530	923	607	1,313	12,980	18,029	20,438	14,367	7,100
Husband did not work in 1983	2,298	2,298	1,494	803	(x)	9,295	9,295	12,242	3,816	(x)

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-23, forthcoming report.

NO. 762. PER CAPITA MONEY INCOME, 1969 TO 1983, AND MEDIAN FAMILY INCOME, 1969 AND 1979, BY STATE

[In **dollars.** As of **April** of following year. For definition of median, see Guide to Tubular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series G 205-256 and Appendix III]

STATE	PER CAPITA INCOME			MEDIAN FAMILY INCOME	
	1969	1979	1983	1969	1979
United States	**$3,119**	**$7,298**	**$9,496**	**$9,586**	**$19,917**
Alabama	2,317	5,894	7,603	7,263	16,347
Alaska	3,725	10,193	12,900	12,441	28,395
Arizona	2,937	7,041	9,005	9,185	19,017
Arkansas	2,142	5,614	7,388	6,271	14,641
California	3,614	8,295	10,540	10,729	21,537
Colorado	3,106	7,998	10,783	9,552	21,279
Connecticut	3,885	8,511	11,897	11,808	23,149
Delaware	3,265	7,449	9,963	10,209	20,817
District of Columbia	3,842	8,960	11,818	8,576	19,099
Florida	3,058	7,270	9,808	8,261	17,280
Georgia	2,640	6,402	8,734	8,165	17,414
Hawaii	3,373	7,740	9,776	11,552	22,750
Idaho	2,644	6,248	7,640	8,380	17,492
Illinois	3,495	8,066	10,299	10,957	22,746
Indiana	3,070	7,142	9,076	9,966	20,535
Iowa	2,884	7,136	9,068	9,016	20,052
Kansas	2,929	7,350	9,460	8,690	19,707
Kentucky	2,425	5,978	7,724	7,439	16,444
Louisiana	2,330	6,430	8,385	7,527	16,088
Maine	2,548	5,768	7,630	8,205	16,167
Maryland	3,512	8,293	11,036	11,057	23,112
Massachusetts	3,408	7,458	10,517	10,833	21,166
Michigan	3,357	7,688	9,175	11,029	22,107
Minnesota	3,036	7,451	9,766	9,928	21,185
Mississippi	1,925	5,183	6,801	6,068	14,591
Missouri	2,952	6,917	9,009	8,908	18,784
Montana	2,696	6,589	7,971	8,509	18,413
Nebraska	2,797	6,936	8,948	8,562	19,122
Nevada	3,554	8,453	10,008	10,687	21,311
New Hampshire	2,985	6,966	9,866	9,662	19,723
New Jersey	3,674	8,127	11,179	11,403	22,906
New Mexico	2,437	6,119	7,877	7,845	16,928
New York	3,608	7,498	10,183	10,609	20,180
North Carolina	2,474	6,133	8,189	7,770	16,792
North Dakota	2,469	6,417	8,982	7,836	18,023
Ohio	3,199	7,285	9,097	10,309	20,909
Oklahoma	2,694	6,858	9,092	7,720	17,668
Oregon	3,148	7,557	8,840	9,487	20,027
Pennsylvania	3,066	7,077	9,091	9,554	19,995
Rhode Island	3,121	6,897	9,336	9,733	19,448
South Carolina	2,303	5,886	7,830	7,620	16,978
South Dakota	2,387	5,697	7,290	7,490	15,993
Tennessee	2,464	6,213	8,042	7,446	16,564
Texas	2,792	7,205	9,443	8,486	19,618
Utah	2,697	6,305	7,668	9,320	20,024
Vermont	2,772	6,178	8,319	8,928	17,205
Virginia	2,996	7,478	10,136	9,044	20,018
Washington	3,357	8,073	9,915	10,404	21,696
West Virginia	2,333	6,141	7,320	7,414	17,308
Wisconsin	3,032	7,243	9,122	10,065	20,915
Wyoming	2,895	7,927	8,957	8,944	22,430

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. 1; *1980 Census of Population,* vol. 1, chapter C (PC 80-1-C), and *Current Population Reports,* series P-26, Nos. 84-1-SC to 84-50-SC.

No. 763. Money Income of Persons—Percent Distribution by Income Level, Median, and Mean Income, by Sex, 1960 to 1983, and by Race, Spanish Origin, Region, and Age, 1983

[For 1960–1975, persons 14 years old and over; thereafter, 15 years old and over. As of **March** of following year. Based on Current Population Survey; see headnote, table 751. For definitions of median and mean, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series G 257–268, for percent distribution by income level, and median income]

Sex, year, race, Spanish origin, region, and age	All persons (mil.)	Persons with income: Total (mil.)	Percent distribution by income (in dollars) level— 1 to 1,999 or less [1]	2,000–3,999	4,000–5,999	6,000–7,999	8,000–9,999	10,000–14,999	15,000–24,999	25,000 and over	Median income (dol.)	Mean income (dol.)
MALE												
1960	60.4	55.2	27.6	21.4	24.7	14.7	5.5	4.1	1.4	.6	4,080	4,617
1970	70.6	65.0	18.8	13.7	12.9	14.7	13.2	17.7	6.8	2.3	6,670	7,537
1975	77.8	71.2	12.9	12.0	10.8	10.0	9.6	21.7	17.5	5.4	8,853	10,429
1979	80.2	76.5	9.5	9.2	8.4	8.3	7.0	17.8	25.7	14.1	11,845	14,369
1980	82.9	78.7	9.1	8.0	8.2	7.8	6.8	17.1	25.5	17.5	12,590	15,340
1981	84.0	79.7	8.9	7.8	7.6	7.5	6.6	16.8	24.5	21.4	13,473	16,515
1982	85.0	79.7	9.1	7.0	7.3	7.2	6.1	16.0	23.6	23.6	13,950	17,381
1983	86.1	80.9	9.0	6.9	6.9	7.0	5.9	15.2	23.2	25.8	14,631	18,109
White	75.0	71.4	8.4	6.3	6.6	12.6		15.0	23.8	27.3	15,401	18,823
Black	9.0	7.6	14.1	12.8	10.0	16.2		17.2	18.5	11.2	8,967	11,501
Spanish origin [2]	4.6	4.2	9.0	7.8	9.8	17.1		20.8	22.3	13.2	11,278	13,450
Northeast	18.5	17.2	8.8	6.3	6.7	12.1		14.7	23.8	27.5	15,474	18,639
Midwest	21.6	20.4	10.2	6.8	6.8	12.2		14.3	23.9	25.8	14,870	17,848
South	28.9	27.2	8.6	7.9	7.5	14.2		16.2	22.5	23.1	13,378	17,301
West	17.1	16.0	8.6	6.0	6.4	12.4		15.0	23.1	28.5	15,564	19,244
15–19 years	9.3	6.3	57.7	20.8	10.0	7.3		3.0	1.1	.1	1,735	2,604
20–24 years	10.4	9.6	15.0	13.8	11.6	21.4		20.0	14.6	3.6	7,651	8,966
25–34 years	19.9	19.3	4.1	4.5	5.0	11.1		18.1	32.4	24.7	16,805	18,230
35–44 years	14.7	14.5	3.2	3.0	3.1	7.0		12.0	28.1	43.6	22,440	25,234
45–54 years	10.7	10.5	3.6	3.2	3.4	7.6		11.3	25.1	45.9	23,115	26,222
55–64 years	10.3	10.1	4.0	4.0	5.4	11.7		14.7	25.3	34.9	18,694	22,765
65 yr. old and over	10.7	10.7	2.2	8.5	14.5	26.2		21.1	17.4	10.1	9,766	13,158
FEMALE												
1960	65.3	36.5	62.8	25.0	9.8	1.8	.3		.2		1,261	1,861
1970	77.6	51.6	46.7	22.1	15.7	8.6	3.8	2.6	.4	.2	2,237	3,138
1975	85.0	60.8	31.9	24.0	15.4	11.2	7.3	7.9	2.2	.3	3,385	4,513
1979	88.0	78.2	28.0	19.5	12.7	11.3	7.8	12.7	6.7	1.2	4,354	6,032
1980	91.1	80.8	24.8	18.6	13.3	10.3	7.9	14.2	9.0	1.9	4,920	6,772
1981	92.2	82.1	22.8	17.2	13.4	10.0	7.9	15.0	10.9	2.7	5,458	7,440
1982	93.1	82.5	21.7	15.9	13.1	9.9	7.6	15.1	12.7	3.9	5,887	8,195
1983	94.3	83.8	20.7	14.7	12.9	9.6	7.4	15.4	14.0	5.2	6,319	8,780
White	81.0	72.8	21.2	14.0	12.7	17.1		15.5	14.3	5.3	6,421	8,885
Black	10.9	91.1	16.6	21.4	14.9	17.2		14.3	12.2	3.5	5,543	7,872
Spanish origin [2]	54.0	41.0	22.0	17.2	14.9	19.4		13.9	10.0	2.6	5,402	7,199
Northeast	20.7	18.6	19.8	14.0	14.2	17.1		15.5	14.1	5.3	6,390	8,870
Midwest	23.4	21.3	22.0	15.0	13.3	17.2		14.6	13.5	4.5	5,964	8,355
South	32.0	27.8	20.9	16.4	11.9	17.1		15.5	13.4	4.7	6,167	8,572
West	18.1	16.1	19.8	12.5	12.6	16.8		16.0	15.7	6.7	6,954	9,598
15–19 years	9.2	5.8	59.7	21.3	10.2	6.2		2.1	.4	.1	1,675	2,271
20–24 years	10.6	9.3	20.6	17.2	14.3	21.9		18.1	7.3	.5	5,692	6,641
25–34 years	20.3	18.4	20.2	9.7	9.1	16.2		18.9	20.2	5.7	8,503	10,021
35–44 years	15.3	14.0	20.7	10.1	7.8	15.3		17.1	19.8	9.1	8,850	10,871
45–54 years	11.5	10.3	21.2	10.4	8.9	16.2		17.1	16.5	7.8	8,205	10,307
55–64 years	11.8	10.7	21.4	16.0	11.9	16.1		14.6	13.9	6.0	6,129	9,033
65 yr. old and over	15.5	15.3	5.7	23.1	25.6	22.2		12.2	7.7	3.4	5,599	7,951

[1] Includes persons with income deficit. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 146.

No. 764. Median Money Income of Year-Round Full-Time Workers With Income, by Sex and Age: 1970 to 1983

[Age as of **March** of following year. Refers to civilian workers. For definition of median, see Guide to Tabular Presentation]

Age	Women 1970	1975	1980	1982	1983	Men 1970	1975	1980	1982	1983
Total with income	**$5,440**	**$7,719**	**[1] $11,591**	**[1] $13,663**	**[1] 14,479**	**$9,184**	**$13,144**	**[1] $19,173**	**[1] $21,655**	**[1] 22,508**
14–19 years	3,783	4,568	[2] 6,779	[2] 7,879	[2] 7,857	3,950	5,657	[2] 7,753	[2] 8,475	[2] 8,204
20–24 years	4,928	6,598	9,407	10,943	11,062	6,655	8,521	12,109	12,530	12,822
25–34 years	5,923	8,401	12,190	14,375	15,082	9,126	12,777	17,724	20,031	20,584
35–44 years	5,531	8,084	12,239	14,918	15,839	10,258	14,730	21,777	25,131	25,852
45–54 years	5,588	7,980	12,116	14,150	15,128	9,931	14,808	22,323	25,424	26,939
55–64 years	5,468	7,785	11,931	14,377	15,124	9,071	13,518	21,053	24,758	25,603
65 years and over	4,884	7,250	12,342	14,793	15,031	6,754	11,501	17,307	20,842	22,119

[1] Beginning 1980, restricted to 15 years old and over. [2] Beginning 1980, restricted to 15 to 19 years.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 146, and earlier issues.

No. 765. Persons, Families, and Children Below Poverty Level—Number and Percent, by State: 1979

[Persons, families, and related children as of **April of the following year.** For explanation of poverty level, see text, pp. 429 and 430. Excludes unrelated individuals under 15 years of age, and persons in specified types of group quarters, i.e. inmates of institutions and persons living in military group quarters or in college dormitories. *Poverty criteria computed on a national basis only and* not adjusted for regional, State, or other local variations in cost of living. For details, see source]

Region and State	Persons		Families		Related children [1]		Region and State	Persons		Families		Related children [1]	
	Number (1,000)	Percent	Number (1,000)	Percent	Number (1,000)	Percent		Number (1,000)	Percent	Number (1,000)	Percent	Number (1,000)	Percent
U.S.	**27,393**	**12.4**	**5,670**	**9.6**	**10,026**	**16.0**	**South—Con.**						
Northeast	**5,343**	**11.2**	**1,111**	**8.7**	**1,992**	**15.5**	VA	611	11.8	129	9.2	216	14.9
ME	141	13.0	29	9.8	50	15.8	WV	287	15.0	62	11.7	102	18.5
NH	75	8.5	15	6.1	24	9.4	NC	*840*	*14.8*	*183*	*11.6*	299	18.3
VT	59	12.1	11	8.9	20	13.9	SC	500	16.6	106	13.1	195	21.0
MA	532	9.6	110	7.6	193	13.1	GA	884	16.6	189	13.2	342	21.1
RI	94	10.3	19	7.7	33	13.6	FL	1,287	13.5	268	9.9	427	18.5
CT	243	8.0	51	6.2	93	11.4	KY	626	17.6	144	14.6	230	21.6
NY	2,299	13.4	483	10.8	877	19.0	TN	*736*	*16.5*	*164*	*13.1*	*263*	*20.6*
NJ	689	9.5	148	7.6	278	14.1	AL	720	18.9	154	14.8	271	23.6
PA	1,210	10.5	245	7.8	426	13.9	MS	587	23.9	121	18.7	244	30.4
Midwest	**6,010**	**10.5**	**1,230**	**8.0**	**2,170**	**13.0**	AR	424	19.0	94	14.9	154	23.4
OH	1,089	10.3	228	8.0	401	13.2	LA	765	18.6	163	15.1	307	23.5
IN	516	9.7	107	7.3	189	11.9	OK	*394*	*13.4*	*86*	*10.3*	*132*	*15.7*
IL	1,231	11.0	247	8.4	478	14.9	TX	2,036	14.7	412	11.1	791	18.7
MI	946	10.4	198	8.2	361	13.3	**West**	**4,755**	**11.3**	**939**	**8.5**	**1,683**	**14.2**
WI	398	8.7	77	6.3	139	10.4	MT	94	12.3	19	9.2	32	13.8
MN	375	9.5	73	7.0	118	10.2	ID	117	12.6	24	9.6	43	14.3
IA	286	10.1	58	7.5	94	11.5	WY	*36*	*7.9*	*7*	*5.8*	*11*	*7.7*
MO	582	12.2	120	9.1	196	14.6	CO	265	10.1	55	7.4	91	11.5
ND	*79*	*12.6*	*16*	*9.8*	*27*	*14.3*	NM	226	17.6	47	14.0	91	22.1
SD	113	16.9	23	13.1	41	20.0	AZ	351	13.2	68	9.5	128	16.5
NE	163	10.7	33	8.0	53	12.1	UT	148	10.3	27	7.7	57	10.7
KS	232	10.1	47	7.4	73	11.4	NV	69	8.7	13	6.3	21	10.0
South	**11,285**	**15.4**	**2,390**	**11.9**	**4,180**	**19.6**	WA	396	9.8	78	7.2	128	11.5
DE	68	11.9	14	8.9	25	15.6	OR	274	10.7	54	7.7	85	12.0
MD	405	9.8	82	7.5	143	12.5	CA	2,627	11.4	521	8.7	947	15.2
DC	113	18.6	21	15.1	38	27.0	AK	42	10.7	8	8.6	15	12.1
							HI	92	9.9	18	7.8	35	13.0

[1] Under 18 years.

Source: U.S. Bureau of the Census, *1980 Census of Population,* vol. 1, chapter C (PC80-1-C).

No. 766. Persons Below Poverty Level and Below 125 Percent of Poverty Level: 1959 to 1984

[Persons as of **March** of the **following year.** For explanation of poverty level, see text, pp. 429 and 430]

Year	Number below poverty level (mil.)				Percent below poverty level				Below 125 percent of poverty level		Average income cutoffs for non-farm family of 4 [3]	
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]	Number (mil.)	Percent of total population	At poverty level	At 125 percent of poverty level
1959	39.5	28.5	9.9	(NA)	22.4	18.1	55.1	(NA)	54.9	31.1	$2,973	$3,716
1960	39.9	28.3	(NA)	(NA)	22.2	17.8	(NA)	(NA)	54.6	30.4	3,022	3,778
1966	28.5	20.8	8.9	(NA)	14.7	12.2	41.8	(NA)	41.3	21.3	3,317	4,146
1969	24.1	16.7	7.1	(NA)	12.1	9.5	32.2	(NA)	34.7	17.4	3,743	4,679
1970	25.4	17.5	7.5	(NA)	12.6	9.9	33.5	(NA)	35.6	17.6	3,968	4,960
1971	25.6	17.8	7.4	(NA)	12.5	9.9	32.5	(NA)	36.5	17.8	4,137	5,171
1972	24.5	16.2	7.7	2.4	11.9	9.0	33.3	22.8	34.7	16.8	4,275	5,344
1973	23.0	15.1	7.4	2.4	11.1	8.4	31.4	21.9	32.8	15.8	4,540	5,675
1974	23.4	15.7	7.2	2.6	11.2	8.6	30.3	23.0	33.7	16.1	5,038	6,298
1975	25.9	17.8	7.5	3.0	12.3	9.7	31.3	26.9	37.2	17.6	5,500	6,875
1976	25.0	16.7	7.6	2.8	11.8	9.1	31.1	24.7	35.5	16.7	5,815	7,269
1977	24.7	16.4	7.7	2.7	11.6	8.9	31.3	22.4	35.7	16.7	6,191	7,739
1978	24.5	16.3	7.6	2.6	11.4	8.7	30.6	21.6	34.2	15.8	6,662	8,328
1979 [4]	25.3	16.8	7.8	2.9	11.6	8.9	30.9	21.6	35.6	16.3	7,412	9,265
1979 [5]	26.1	17.2	8.1	2.9	11.7	9.0	31.0	21.8	36.6	16.4	7,412	9,265
1980	29.3	19.7	8.6	3.5	13.0	10.2	32.5	25.7	40.7	18.1	8,414	10,518
1981 [6]	31.8	21.6	9.2	3.7	14.0	11.1	34.2	26.5	43.7	19.3	9,287	11,609
1982 [6]	34.4	23.5	9.7	4.3	15.0	12.0	35.6	29.9	46.5	20.3	9,862	12,328
1983 [6]	35.5	24.2	9.9	4.6	15.3	12.2	35.7	28.1	47.5	20.5	10,178	12,723
1984 [6]	33.7	23.0	9.5	4.8	14.4	11.5	33.8	28.4	45.3	19.4	10,609	13,261

NA Not available. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Beginning 1981, *income cutoffs for nonfarm families* are applied to all families, both farm and nonfarm. [4] Population controls based on 1970 census; see text, pp. 2 and 428. [5] Population controls based on 1980 census; see text, pp. 2 and 428. [6] Data based on revised poverty definition; see text, pp. 429 and 430 for explanation.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, Nos. 147 and 149.

No. 767. Persons Below Poverty Level and Below 125 Percent of Poverty Level, by Race of Householder and Family Status: 1959 to 1984

[Persons as of **March of following year.** For explanation of poverty level, see text, pp. 429 and 430]

Race of householder and family status	Below poverty level					Below 125 percent of poverty level				
	1959	1969	1979 [1]	1983	1984	1959	1969	1979 [1]	1983	1984
NUMBER (mil.)										
All persons [2]	**39.5**	**24.1**	**26.1**	**35.5**	**33.7**	**54.9**	**34.7**	**38.6**	**47.5**	**45.3**
In families	34.6	19.2	20.0	28.0	26.5	49.3	28.6	28.1	37.6	35.5
Householder	8.3	5.0	5.5	7.7	7.3	11.8	7.4	7.8	10.4	9.9
Related children under 18 years	17.2	9.5	10.0	13.4	12.9	24.3	13.9	13.4	17.2	16.4
Children 5–17 years	(NA)	7.1	7.1	9.5	9.0	(NA)	3.3	(NA)	11.5	11.1
Other family members	9.0	4.7	4.5	6.9	6.3	13.2	7.3	7.0	10.0	9.2
Unrelated individuals	4.9	5.0	5.7	6.9	6.6	5.6	6.1	8.0	9.1	9.1
White	**28.5**	**16.7**	**17.2**	**24.2**	**23.0**	**41.8**	**24.5**	**25.2**	**33.6**	**32.1**
In families	24.4	12.6	12.5	18.5	17.3	37.2	19.5	18.4	25.8	24.2
Householder	6.2	3.6	3.6	5.3	4.9	9.2	5.4	5.3	7.4	7.0
Related children under 18 years	11.4	5.7	5.9	8.6	8.1	17.5	8.7	8.2	11.4	10.7
Other family members	6.9	3.4	3.0	4.7	4.3	10.5	5.4	4.8	7.1	6.6
Unrelated individuals	4.0	4.0	4.5	5.3	5.2	4.7	5.0	6.5	7.3	7.3
Black [3]	**11.0**	**7.1**	**8.1**	**9.9**	**9.5**	**13.1**	**9.5**	**10.3**	**12.1**	**11.6**
In families	10.1	6.2	6.8	8.4	8.1	12.1	8.5	8.8	10.3	9.9
Householder	2.1	1.4	1.7	2.2	2.1	2.6	1.9	2.2	2.7	2.6
Related children under 18 years	5.8	3.7	3.7	4.3	4.3	6.8	4.9	4.7	5.1	5.1
Other family members	2.2	1.2	1.3	1.9	1.7	2.7	1.8	1.9	2.5	2.3
Unrelated individuals	.9	.9	1.2	1.3	1.3	1.0	1.0	1.4	1.6	1.6
In families with female householder, no husband present [2 4]	**10.4**	**10.4**	**13.5**	**16.8**	**16.4**	**11.8**	**13.0**	**17.4**	**20.8**	**20.3**
In families	7.0	6.9	9.4	12.1	11.8	8.0	8.6	11.6	14.4	14.0
Householder	1.9	1.8	2.6	3.6	3.5	2.2	2.3	3.3	4.3	4.2
Related children under 18 years	4.1	4.2	5.6	6.8	6.8	4.6	5.2	6.7	7.7	7.7
Other family members	1.0	.8	1.1	1.8	1.6	1.2	1.1	1.6	2.4	2.1
Unrelated individuals	3.4	3.5	3.8	4.2	4.0	3.8	4.3	5.4	5.8	5.7
In all other families [2 5]	**29.1**	**13.7**	**12.6**	**18.7**	**17.3**	**43.1**	**21.7**	**19.2**	**26.7**	***25.0***
In families	27.5	12.3	10.6	15.9	14.6	41.3	19.9	16.5	23.2	21.5
Householder	6.4	3.2	2.8	4.1	3.8	9.6	5.0	4.5	6.1	5.7
Related children under 18 years	13.1	5.3	4.4	6.7	6.2	19.7	8.8	6.6	9.5	8.7
Other family members	8.1	3.9	3.4	5.1	4.7	12.1	6.1	5.4	7.6	7.1
Unrelated individuals	1.6	1.4	2.0	2.7	2.6	1.8	1.8	2.7	3.4	3.4
PERCENT OF POPULATION										
All persons [2]	**22.4**	**12.1**	**11.7**	**15.3**	**14.4**	**31.1**	**17.4**	**16.4**	**20.5**	**19.4**
In families	20.8	10.4	10.2	13.9	13.1	29.7	15.4	14.4	18.7	17.5
Householder	18.5	9.7	9.2	12.4	11.6	26.2	14.3	13.1	16.8	15.8
Related children under 18 years	26.9	13.8	16.0	21.8	21.0	37.9	20.2	21.3	28.0	26.6
Children 5–17 years	(NA)	13.6	15.3	21.3	20.3	(NA)	6.3	(NA)	26.4	25.2
Other family members	15.9	7.2	6.1	8.9	8.0	23.3	11.3	9.5	12.8	11.8
Unrelated individuals	46.1	34.0	21.9	23.5	21.8	52.7	41.8	30.7	31.4	29.9
White	**18.1**	**9.5**	**9.0**	**12.2**	**11.5**	**26.7**	**14.0**	**13.1**	**17.0**	**16.1**
In families	16.5	7.8	7.4	10.8	10.1	25.2	12.0	10.9	15.1	14.1
Householder	15.2	7.7	6.9	9.7	9.1	22.6	11.7	10.2	13.7	12.8
Related children under 18 years	20.6	9.7	11.4	17.0	16.1	31.6	14.9	15.9	22.7	21.3
Other family members	13.3	5.8	4.7	6.9	6.4	20.4	9.2	7.5	10.5	9.8
Unrelated individuals	44.1	32.1	19.7	21.0	19.9	50.8	40.0	28.6	28.9	27.9
Black [3]	**56.2**	**32.2**	**31.0**	**35.7**	**33.8**	**66.8**	**43.2**	**39.9**	**43.7**	**41.4**
In families	56.0	30.9	30.0	34.7	33.2	67.0	42.2	39.0	42.7	40.7
Householder	50.4	27.9	27.8	32.3	30.9	61.0	37.9	36.2	40.2	38.2
Related children under 18 years	66.7	39.6	40.8	46.2	46.2	78.0	52.7	51.1	55.0	54.1
Other family members	42.5	20.0	18.2	23.6	20.5	53.4	29.5	26.1	30.8	27.7
Unrelated individuals	57.4	46.7	37.3	40.9	35.8	64.0	53.9	45.4	48.6	44.6
In families with female householder, no husband present [2 4]	**50.2**	**38.4**	**32.0**	**35.8**	**34.0**	**57.1**	**47.8**	**41.3**	**44.2**	**41.9**
In families	40.4	38.2	34.9	40.3	38.4	56.2	48.0	43.2	47.9	45.3
Householder	42.6	32.7	30.4	36.1	34.5	49.7	41.5	38.2	43.7	41.5
Related children under 18 years	72.2	54.4	48.6	55.5	54.0	79.4	66.2	58.0	63.3	61.2
Other family members	24.0	17.5	16.9	22.2	19.1	29.8	25.0	23.9	29.7	25.7
Unrelated individuals	52.1	38.7	26.0	26.3	24.4	59.1	47.5	37.0	36.0	34.2
In all other families [2 5]	**18.7**	**8.0**	**7.0**	**10.1**	**9.3**	**27.7**	**12.6**	**10.8**	**14.4**	**13.5**
In families	18.2	7.4	6.3	9.3	8.5	27.3	11.9	9.8	13.5	12.6
Householder	15.8	6.9	5.5	7.9	7.2	28.6	10.9	8.8	11.7	10.8
Related children under 18 years	22.4	8.6	8.5	13.5	12.5	33.8	14.4	13.0	19.3	17.7
Other family members	15.3	6.4	5.1	7.3	6.7	22.8	10.2	8.1	10.9	10.2
Unrelated individuals	36.8	26.2	16.9	20.2	18.7	42.8	32.4	22.9	25.8	24.8

NA Not available. [1] Population controls based on 1980 census; see text, p. 428. [2] Beginning 1969, includes races not shown separately. Beginning 1979, includes members of unrelated subfamilies not shown separately. For earlier years, unrelated subfamily members are included in the "in families" category. [3] For 1959, Black and other races. [4] For persons in families, sex of family householder; for unrelated individuals, sex of individual. [5] Includes male unrelated individuals.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–60, No. 149, and unpublished data.

No. 768. Persons Below Poverty Level, by Race, Spanish Origin, Region, and Age: 1984

[*Persons as of* **March 1985.** *Based on Current Population Survey; see headnote, table 751. For explanation of poverty level, see text, pp. 429 and 430. For composition of regions, see fig. I, inside front cover*]

Region and age	Number below poverty level (1,000)				Percent below poverty level			
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]
Total	**33,700**	**22,955**	**9,490**	**4,806**	**14.4**	**11.5**	**33.8**	**28.4**
Northeast	6,531	4,646	1,754	1,216	13.2	10.7	33.2	38.7
Midwest	8,303	6,004	2,112	427	14.1	11.5	37.9	30.1
South	12,792	7,573	5,012	1,391	16.2	12.0	33.6	26.0
West	6,074	4,732	612	1,772	13.1	11.8	26.6	25.3
Under 16 years	12,132	7,635	4,015	2,161	22.0	17.0	47.8	39.6
16 to 21 years	3,954	2,629	1,160	603	17.5	14.1	35.5	31.5
22 to 44 years	9,686	6,902	2,548	1,440	11.7	9.6	26.1	22.8
45 to 64 years	4,398	3,209	1,056	427	9.9	8.2	24.0	17.7
65 years and over	3,330	2,579	710	176	12.4	10.7	31.7	21.5

[1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 149.

No. 769. Persons 65 Years Old and Over Below Poverty Level, by Selected Characteristics: 1959 to 1984

[For **1959,** persons as of **April 1960;** thereafter, persons as of **March** of **following year.** See headnote, table 768]

Characteristic	Number below poverty level (1,000)					Percent below poverty level				
	1959	1970	1979 [1]	1983	1984	1959	1970	1979 [1]	1983	1984
Persons, 65 yr. and over [2]	**5,481**	**4,793**	**3,682**	**3,730**	**3,330**	**35.2**	**24.6**	**15.2**	**14.2**	**12.4**
White	4,744	4,011	2,911	2,875	2,579	33.1	22.6	13.3	12.1	10.7
Black	711	735	740	796	710	62.5	47.7	36.3	36.2	31.7
Spanish origin [3]	*(NA)*	*(NA)*	154	178	176	*(NA)*	*(NA)*	*26.8*	*22.7*	*21.5*
In families	3,187	2,013	1,380	1,439	1,205	26.9	14.8	8.4	8.1	6.7
Householder	1,787	1,188	822	844	713	29.1	16.5	9.1	8.7	7.3
Male	1,507	960	629	581	489	29.1	15.9	8.4	7.3	6.0
Female	280	209	193	263	224	28.8	20.1	13.0	15.5	13.0
Other members	1,400	825	559	595	493	24.6	13.0	7.6	7.4	6.0
Unrelated individuals	2,294	2,779	2,299	2,279	2,123	61.9	47.2	29.4	26.6	24.2
Male	703	549	428	426	401	59.0	38.9	*25.3*	*22.6*	*20.8*
Female	1,591	2,230	1,871	1,853	1,722	63.3	49.8	30.5	27.7	25.2
Persons, 60 yr. and over	(NA)	**5,977**	**4,753**	**4,973**	**4,496**	(NA)	**21.3**	**13.9**	**13.4**	**12.0**

NA Not available. [1] Population controls based on 1980 census; see text, p. 428. [2] Beginning 1979, includes members of unrelated subfamilies not shown separately. For earlier years, unrelated subfamily members are included in the "In families" category. [3] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 149 *and unpublished data.*

No. 770. Families Below Poverty Level and Below 125 Percent of Poverty Level: 1959 to 1984

[Families as of **March** of the **following year.** For explanation of poverty level, see text, pp. 429 and 430.]

Year	Number below poverty level (1,000)				Percent below poverty level				Below 125 percent of poverty level	
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]	Number (1,000)	*Percent*
1959	8,320	6,185	1,860	(NA)	18.5	15.2	48.1	(NA)	11,790	26.2
1960	8,243	6,115	(NA)	(NA)	18.1	14.9	(NA)	(NA)	11,525	25.4
1966	5,784	4,106	1,620	(NA)	11.8	9.3	35.5	(NA)	8,637	17.6
1969	5,008	3,575	1,366	(NA)	9.7	7.7	27.9	(NA)	7,353	14.3
1970	5,260	3,708	1,481	(NA)	10.1	8.0	29.5	(NA)	7,516	14.4
1971	5,303	3,751	1,484	(NA)	10.0	7.9	28.8	(NA)	7,761	14.6
1972	5,075	3,441	1,529	(NA)	9.3	7.1	29.0	(NA)	7,347	13.5
1973	4,828	3,219	1,527	468	8.8	6.6	28.1	19.8	7,044	12.8
1974	4,922	3,352	1,479	526	8.8	6.8	26.9	21.2	7,195	12.9
1975	5,450	3,838	1,513	627	9.7	7.7	27.1	25.1	7,974	14.2
1976	5,311	3,560	1,617	598	9.4	7.1	27.9	23.1	7,647	13.5
1977	5,311	3,540	1,637	591	9.3	7.0	28.2	21.4	7,713	13.5
1978	5,280	3,523	1,622	559	9.1	6.9	27.5	20.4	7,417	12.8
1979 [3]	5,320	3,515	1,666	610	9.1	6.8	27.6	19.7	7,586	13.0
1979 [4]	5,461	3,581	1,722	614	9.2	6.9	27.8	20.3	7,784	13.1
1980	6,217	4,195	1,826	751	10.3	8.0	28.9	23.2	8,764	14.5
1981	6,851	4,670	1,972	792	11.2	8.8	30.8	24.0	9,568	15.7
1982	7,512	5,118	2,158	916	12.2	9.6	33.0	27.2	10,279	16.7
1983	7,681	5,254	2,161	985	12.4	9.7	32.3	26.0	10,410	16.8
1984	7,277	4,925	2,094	991	11.6	9.1	30.9	25.2	9,901	15.8

NA Not available. [1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race.
[3] Population controls based on 1970 census; see text, pp. 2 and 428. [4] Population controls based on 1980 census; see text, pp. 2 and 428.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, Nos. 147 and 149.

No. 771. Families Below Poverty Level—Selected Characteristics, by Race and Spanish Origin: 1984

[**In thousands, except percent.** Families as of **March 1985.** For explanation of poverty, see text, pp. 429 and 430. For composition of regions, see fig. 1 inside front cover]

Characteristic	Number below poverty level				Percent below poverty level			
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]
Total	**7,277**	**4,925**	**2,094**	**991**	**11.6**	**9.1**	**30.9**	**25.2**
Northeast	1,442	1,001	410	299	11.0	8.6	31.0	37.0
Midwest	1,837	1,318	478	78	11.6	9.2	35.6	24.9
South	2,769	1,653	1,075	280	12.7	9.2	30.2	22.0
West	1,230	953	131	335	10.3	9.1	23.9	21.7
Age of householder:								
15 to 24 years	919	607	291	138	29.4	23.6	60.8	40.4
25 to 44 years	3,886	2,591	1,145	599	13.2	10.3	33.0	27.4
45 to 54 years	954	642	267	122	9.1	7.0	23.9	18.7
55 to 64 years	806	569	204	74	8.2	6.5	22.9	16.1
65 years and over	713	515	188	58	7.3	5.8	22.7	19.4
Size of family:								
2 persons	2,283	1,655	582	182	9.0	7.3	25.7	18.9
3 persons	1,716	1,152	520	225	11.6	9.0	30.0	23.7
4 persons	1,516	1,026	426	222	11.4	8.9	31.4	23.7
5 persons	890	595	240	170	15.1	12.2	32.7	30.7
6 persons	458	277	151	82	21.0	16.3	41.3	29.6
7 persons or more	414	220	165	111	33.8	26.5	55.0	41.7
Mean size	3.64	3.51	3.86	4.22	(X)	(X)	(X)	(X)
Mean number of children per family with children	2.28	2.19	2.45	2.66	(X)	(X)	(X)	(X)
Educational attainment of householder: [3]								
Elementary: Less than 8 years	1,139	774	316	365	25.9	22.9	36.3	34.6
8 years	620	457	152	100	16.3	13.6	39.0	30.9
High school: 1 to 3 years	1,469	875	542	168	19.6	14.5	40.8	29.6
4 years	2,056	1,442	544	147	9.5	7.5	25.5	15.8
College: 1 year or more	1,075	770	249	73	4.8	3.9	15.8	10.1
Work experience of householder in 1984: [4]								
Total	**7,258**	**4,914**	**2,085**	**989**	**11.7**	**9.1**	**31.2**	**25.3**
Worked	3,574	2,615	839	453	7.5	6.2	18.6	15.3
50 to 52 weeks	1,577	1,171	360	173	4.2	3.5	11.1	8.1
1 to 49 weeks	1,997	1,445	479	280	19.8	18.8	37.9	34.0
Did not work	3,684	2,299	1,247	536	25.9	19.6	57.2	56.6

X Not applicable. [1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Householder 25 years old and over. [4] Restricted to families with civilian workers.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 149.

No. 772. Work Experience of Family Householders Below the Poverty Level, by Sex and Race: 1975 and 1984

[**In thousands, except percent.** Families as of **March** of the **following year.** For 1975, includes householders 14 years and over; for 1984, householders 15 years and over. For explanation of poverty level, see text pp. 429 and 430]

Work experience	1975						1984					
	Female householder, no husband present			All other families			Female householder, no husband present			All other families		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Total [2]	**2,430**	**1,394**	**1,004**	**3,020**	**2,444**	**509**	**3,498**	**1,878**	**1,533**	**3,780**	**3,046**	**561**
Worked	887	518	362	1,857	1,533	272	1,313	734	557	2,261	1,882	282
Full-time [3] (percent)	15.2	14.5	16.6	39.4	40.3	34.9	12.6	11.8	14.0	30.1	31.2	26.0
Did not work [4]	1,543	876	641	1,133	884	236	2,185	1,145	976	1,499	1,154	270
Ill or disabled	309	150	157	565	430	133	359	149	198	551	428	111
Keeping house	1,053	647	387	26	19	7	1,330	749	545	109	81	23
In school	43	13	30	30	13	12	78	46	28	60	38	5
Unable to find work	99	41	55	117	92	22	279	114	160	258	194	41

[1] Includes races not shown separately. [2] Includes householders in Armed Forces not shown separately. [3] Year-round. [4] Includes "other" not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 106 and 149; and unpublished data.

No. 773. Persons Below Poverty Level and Poverty Rate, by Valuation Technique and Type of Noncash Benefit Included: 1980 to 1984

[Persons as of **March** of the **following year.** Valuation techniques that are used to measure noncash benefits are as follows: (1) Market value approach which is equal to the purchase price in the private market of the goods received by the recipient; (2) recipient and/or cash equivalent approach which is the amount of cash that would make the recipient just as well off as the in-kind transfer or would reflect the recipient's own valuation of the benefit; and (3) poverty budget share value which limits the value of food, housing, or medical transfers to the proportions spent on these items by persons at or near the poverty line in 1960–61 (when in-kind benefits were minimal). For more information on the methodology, see source]

Valuation technique and type of noncash benefit included	Number below poverty level (1,000)					Percent below poverty level				
	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
Current poverty definition [1]	29,272	31,822	34,398	35,515	33,700	13.0	14.0	15.0	15.3	14.4
Market value approach:										
Including food and housing	25,042	27,932	30,688	32,123	30,103	11.1	12.3	13.4	13.9	12.9
Including food, housing, and medical benefits, excluding institutional expenditures	18,221	21,046	23,563	24,512	23,019	8.1	9.3	10.3	10.6	9.8
Including food, housing, and all medical care	17,706	20,500	22,885	23,911	22,602	7.9	9.0	10.0	10.3	9.7
Recipient and/or cash equivalent approach:										
Including food and housing	25,633	28,651	31,365	32,718	30,909	11.4	12.6	13.7	14.1	13.2
Including food, housing, and medical benefits, excluding institutional expenditures	23,895	26,784	29,407	30,720	28,917	10.6	11.8	12.8	13.3	12.4
Including food, housing, and all medical care	23,512	26,500	29,058	30,332	28,623	10.4	11.7	12.7	13.1	12.2
Poverty budget share value approach:										
Including food and housing	25,602	28,317	31,111	32,458	30,455	11.4	12.5	13.6	14.0	13.0
Including food, housing, and medical benefits, excluding institutional expenditures	23,299	26,175	28,720	30,137	28,296	10.4	11.5	12.5	13.0	12.1
Including food, housing, and all medical care	23,299	26,175	28,713	30,137	28,296	10.4	11.5	12.5	13.0	12.1

[1] See text, pp. 429 and 430.

Source: U.S. Bureau of the Census, *Estimates of Poverty Including the Value of Noncash Benefits: 1984,* Technical Paper 55.

No. 774. Persons Below Poverty Level and Poverty Rate, by Selected Characteristic, Using Alternative Methods of Valuing Noncash Benefits: 1984

[Persons as of **March 1985.** For explanation of valuation techniques, see headnote, table 773. For composition of regions, see fig. I, inside front cover]

Characteristic	Current poverty definition	Valuing food and housing only			Valuing food, housing, and medical benefits, excluding institutional expenditures			Valuing food, housing, and all medical benefits		
		Market value	Recipient value	Poverty budget share value	Market value	Recipient value	Poverty budget share value	Market value	Recipient value	Poverty budget share value
Number (1,000)										
All persons	**33,700**	**30,103**	**30,909**	**30,455**	**23,019**	**28,917**	**28,296**	**22,602**	**28,623**	**28,296**
White	22,955	20,881	21,279	21,066	16,136	19,755	19,521	15,956	19,568	19,521
Black	9,490	8,084	8,464	8,225	5,976	8,060	7,696	5,747	7,956	7,696
Spanish origin [1]	4,806	4,315	4,394	4,350	3,413	4,197	4,113	3,371	4,172	4,113
Under 6 years	5,115	4,627	4,734	4,676	3,778	4,591	4,453	3,741	4,583	4,453
6–17 years	8,305	7,193	7,404	7,261	5,701	7,099	6,877	5,592	7,069	6,877
18–24 years	4,616	4,317	4,348	4,384	3,717	4,236	4,179	3,689	4,228	4,179
25–44 years	7,938	7,140	7,318	7,219	5,924	7,013	6,856	5,855	6,969	6,856
45–64 years	4,397	4,020	4,162	4,142	3,098	3,863	3,898	3,026	3,814	3,898
65 years and over	3,330	2,806	2,907	2,808	801	2,114	2,034	700	1,960	2,034
Northeast	6,531	5,587	5,832	5,716	3,819	5,391	5,171	3,772	5,340	5,171
Midwest	8,303	7,490	7,670	7,568	5,510	7,212	7,074	5,397	7,144	7,074
South	12,792	11,454	11,754	11,550	9,186	11,010	10,833	8,962	10,667	10,833
West	6,074	5,572	5,654	5,620	4,504	5,303	5,218	4,472	5,271	5,218
Percent below poverty level										
All persons	**14.4**	**12.9**	**13.2**	**13.0**	**9.8**	**12.4**	**12.1**	**9.7**	**12.2**	**12.1**
White	11.5	10.5	10.7	10.6	8.1	9.9	9.8	8.0	9.8	9.8
Black	33.8	28.8	30.1	29.3	21.3	28.7	27.4	20.5	28.3	27.4
Spanish origin [1]	28.4	25.5	26.0	25.7	20.2	24.8	24.3	19.9	24.7	24.3
Under 6 years	24.0	21.7	22.2	21.9	17.7	21.5	20.9	17.5	21.5	20.9
6–17 years	20.2	17.5	18.0	17.7	13.9	17.3	16.7	13.6	17.2	16.7
18–24 years	16.6	15.5	15.7	15.6	13.4	15.2	15.0	13.2	15.2	15.0
25–44 years	11.0	9.9	10.1	10.0	8.2	9.7	9.5	8.1	9.7	9.5
45–64 years	9.9	9.0	9.3	9.3	7.0	8.7	8.7	6.8	8.6	8.7
65 years and over	12.4	10.5	10.8	10.5	3.0	7.9	7.6	2.6	7.3	7.6
Northeast	13.2	11.3	11.8	11.6	7.7	10.9	10.5	7.6	10.8	10.5
Midwest	14.1	12.7	13.1	12.9	9.4	12.3	12.0	9.2	12.2	12.0
South	16.2	14.5	14.8	14.6	11.6	13.9	13.7	11.3	13.7	13.7
West	13.1	12.0	12.2	12.1	9.7	11.4	11.2	9.6	11.3	11.2

[1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Estimates of Poverty Including the Value of Noncash Benefits: 1984,* Technical Paper 55.

No. 775. Net Stock of Fixed Reproducible Tangible Wealth in Current and Constant (1972) Dollars: 1929 to 1984

[In billions of dollars, except percent. As of Dec. 31. See headnote, table 897]

TYPE OF WEALTH	1929	1935	1945	1950	1955	1960	1965	1970	1975	1980	1982	1983	1984
CURRENT DOLLARS													
Net stock, total	259	207	458	723	1,020	1,287	1,625	2,539	4,368	7,753	8,710	9,098	9,626
Private business	184	137	230	451	624	789	988	1,542	2,724	4,994	5,681	5,921	6,258
Percent of total	71.0	66.2	50.2	62.3	61.2	61.3	60.8	60.7	62.4	64.4	65.2	65.1	65.0
Nonresidential equipment	30	20	37	97	139	182	227	369	651	1,183	1,396	1,451	1,529
Nonresidential structures	58	42	59	108	151	198	261	438	789	1,368	1,591	1,634	1,709
Residential	97	74	135	245	334	409	501	735	1,283	2,444	2,694	2,836	3,021
Government	37	44	179	169	244	306	404	629	1,058	1,778	1,935	2,014	2,133
Nonresidential equipment:													
Military	1	1	77	29	50	54	64	76	102	186	257	302	346
Other	1	2	13	9	18	21	25	40	64	112	126	129	132
Nonresidential structures	35	41	86	126	170	221	302	493	856	1,418	1,485	1,514	1,583
Residential	(z)	(z)	3	5	7	10	13	20	36	61	67	69	72
Households [1]	38	26	49	104	152	192	233	368	585	980	1,095	1,164	1,235
CONSTANT (1972) DOLLARS													
Net stock, total	926	872	1,170	1,233	1,545	1,816	2,203	2,715	3,220	3,718	3,856	3,941	4,071
Private business	693	620	588	772	946	1,122	1,356	1,657	1,972	2,292	2,390	2,443	2,527
Nonresidential equipment	98	72	90	165	206	230	277	380	480	615	656	674	713
Nonresidential structures	244	216	176	210	254	314	386	480	553	611	644	655	672
Residential	350	332	323	397	486	579	693	797	938	1,066	1,090	1,114	1,143
Government	141	174	504	328	412	477	578	685	761	813	828	837	846
Nonresidential equipment:													
Military	4	3	226	57	77	73	81	80	80	91	102	111	117
Other	5	6	32	16	26	28	32	41	49	58	58	57	58
Nonresidential structures	132	165	239	248	298	361	447	543	606	638	642	643	645
Residential	(z)	(z)	8	8	10	14	18	21	26	25	26	26	26
Households [1]	92	78	77	134	187	217	268	373	488	613	637	661	698

Z Less than $500 million. [1] Consumer durables.

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925–79; Survey of Current Business*, August 1983, and August 1984, and unpublished data.

No. 776. Top Wealthholders with Gross Assets of $300,000 or More, by Size of Net Worth and Sex: 1982

[All figures are estimates based on estate tax return samples. Net worth equals assets minus debits and mortgages. Minus sign (−) indicates negative net worth]

ITEM	Unit	Total	NET WORTH					
			Under $100,000 [1]	$100,000 to $250,000	$250,000 to $499,999	$500,000 to $999,999	$1,000,000 to $4,999,999	$5,000,000 or more
Top wealthholders, number	1,000	4,377.9	378.9	724.8	1,998.6	868.0	375.7	32.0
Total assets	Mil. dol	2,897,185	97,456	207,432	818,445	651,494	780,014	342,343
Debt and mortgages:								
Number	1,000	3,902.5	368.2	690.8	1,700.5	770.2	342.3	30.3
Amount	Mil. dol	474,074	104,165	77,368	101,849	69,618	98,855	22,219
Net worth	Mil. dol	2,423,111	−6,709	130,064	716,596	581,876	681,159	320,124
Top male wealthholders, number	1,000	2,658.7	318.8	595.2	1,013.3	482.4	231.5	17.5
Total assets	Mil. dol	1,746,052	88,356	162,995	424,345	372,456	504,472	193,428
Debt and mortgages:								
Number	1,000	2,392.8	308.2	565.0	855.5	432.4	215.6	16.1
Amount	Mil. dol	364,627	93,708	57,517	68,938	45,736	82,489	16,238
Net worth	Mil. dol	1,381,425	−5,352	105,478	355,407	326,720	421,983	177,189
Top female wealthholders, number	1,000	1,719.2	60.1	129.6	985.3	385.6	144.2	14.4
Total assets	Mil. dol	1,151,133	9,100	44,438	394,100	279,038	275,542	148,915
Debt and mortgages:								
Number	1,000	1,509.7	60.1	125.8	845.0	337.9	126.7	14.2
Amount	Mil. dol	109,447	10,457	19,851	32,911	23,883	16,366	5,980
Net worth	Mil. dol	1,041,686	−1,357	24,587	361,189	255,155	259,176	142,935

[1] Includes those wealthholders with negative net worth.

Source: U.S. Internal Revenue Service, *SOI Bulletin*, Winter 1984–85.

No. 777. Top Wealthholders with Gross Assets of $300,000 or More, by State of Residence: 1982

[All figures are estimates based on estate tax return samples. Net worth equals assets minus debts and mortgages. For composition of regions, see fig. 1 inside front cover]

Region, division, and state or other area	Number of top wealthholders (1,000)	Total assets (mil. dol.)	Debts and mortgages		Net worth (mil. dol.)	Men		Women		Millionaires as defined by net worth	
			Number [1] (1,000)	Amount (mil. dol.)		Number (1,000)	Net worth (mil. dol.)	Number (1,000)	Net worth (mil. dol.)	Number (1,000)	Amount (mil. dol.)
Total	**4,377.9**	**2,897,185**	**3,902.5**	**474,074**	**2,423,111**	**2,658.7**	**1,381,425**	**1,719.2**	**1,041,686**	**407.7**	**1,001,282**
Regions:											
Northeast	805.3	526,297	707.4	57,659	468,639	530.2	270,125	275.1	198,510	86.3	210,523
Midwest	1,137.0	686,543	1,005.0	136,931	549,613	748.1	359,526	389.2	190,088	83.3	178,675
South	1,413.4	937,615	1,294.6	144,642	792,974	856.1	444,842	557.3	348,129	135.0	351,513
West	1,012.7	740,261	889.1	134,613	605,646	518.5	303,634	494.0	302,013	101.5	257,678
New England	**195.3**	**135,100**	**182.1**	**17,066**	**118,035**	**125.5**	**68,779**	**69.8**	**49,254**	**21.4**	**51,981**
Maine	10.8	8,565	9.3	3,950	4,615	5.9	2,360	4.9	2,254	.8	1,824
New Hampshire	14.5	8,506	14.1	572	7,935	7.9	3,358	6.6	4,576	2.1	3,096
Vermont	7.5	4,921	6.2	923	3,998	5.9	2,449	1.6	1,549	.7	1,799
Massachusetts	78.9	49,810	74.8	6,354	43,456	50.4	25,393	28.5	18,063	7.6	18,299
Rhode Island	7.8	4,331	5.8	832	3,499	5.9	2,513	1.9	986	.8	1,362
Connecticut	75.8	58,967	71.9	4,435	54,532	49.5	32,706	26.3	21,826	9.4	25,601
Middle Atlantic	**610.0**	**391,197**	**525.3**	**40,593**	**350,604**	**404.7**	**201,346**	**205.3**	**149,256**	**64.9**	**158,542**
New York	306.0	209,508	268.3	20,188	189,320	207.7	102,656	98.3	86,663	30.9	99,113
New Jersey	144.8	79,797	108.7	6,498	73,299	84.1	38,451	60.7	34,848	8.3	22,655
Pennsylvania	159.2	101,892	148.3	13,907	87,985	112.9	60,239	46.3	27,745	25.7	37,774
East North Central	**664.0**	**372,349**	**596.6**	**60,564**	**311,786**	**430.1**	**193,548**	**234.0**	**118,237**	**43.2**	**96,422**
Ohio	158.5	86,052	148.0	10,445	75,607	74.4	34,588	84.0	41,019	12.6	25,630
Indiana	60.6	32,546	47.1	4,429	28,117	39.4	17,968	21.2	10,149	4.5	9,215
Illinois	241.0	147,033	223.0	30,626	116,408	178.8	80,753	62.2	35,654	14.5	34,368
Michigan	118.1	64,237	100.3	7,560	56,677	82.9	37,139	35.3	19,538	7.3	17,222
Wisconsin	85.8	42,481	78.2	7,504	34,977	54.6	23,100	31.3	11,877	4.3	9,987
West North Central	**473.0**	**314,194**	**408.4**	**76,367**	**237,827**	**318.0**	**165,978**	**155.2**	**71,851**	**40.1**	**82,453**
Minnesota	91.0	102,364	77.9	39,991	62,373	74.6	54,325	16.4	8,047	17.6	37,711
Iowa	115.5	56,871	98.5	12,222	44,649	77.9	30,973	37.6	13,677	3.3	4,933
Missouri	72.7	48,632	60.7	7,590	41,042	51.7	28,845	21.1	12,197	7.7	15,583
North Dakota	51.1	23,663	48.0	3,475	20,188	20.8	9,286	30.3	10,902	3.8	4,490
South Dakota	15.4	8,486	14.0	1,926	6,560	12.1	5,205	3.3	1,356	1.2	2,089
Nebraska	66.5	36,495	60.0	6,647	29,848	43.5	16,346	23.1	13,502	3.3	7,305
Kansas	60.8	37,683	49.3	4,516	33,167	37.4	20,997	23.4	12,170	3.2	10,362
South Atlantic	**678.2**	**465,594**	**611.6**	**69,523**	**396,072**	**479.5**	**255,305**	**198.7**	**140,766**	**67.3**	**189,120**
Delaware	8.0	4,972	7.1	974	3,998	5.4	2,606	2.5	1,391	.7	1,488
Maryland [2]	98.0	67,880	86.6	7,713	60,167	67.3	31,959	30.8	28,208	8.9	33,284
Virginia	99.2	43,795	91.1	5,255	38,540	82.4	30,997	16.8	7,542	4.9	14,753
West Virginia	8.4	7,724	7.4	3,018	4,706	5.8	3,409	2.6	1,298	.6	1,452
North Carolina	70.1	36,376	66.3	6,785	29,592	50.2	18,608	20.0	10,984	3.6	7,953
South Carolina	42.1	18,863	39.9	2,583	16,280	29.5	10,037	12.6	6,243	2.2	3,951
Georgia	72.9	46,817	65.2	9,423	37,394	47.8	25,059	25.1	12,335	5.8	14,447
Florida	279.5	239,167	248.0	33,772	205,395	191.1	132,630	88.3	72,765	40.6	111,792
East South Central	**153.2**	**90,018**	**139.6**	**16,221**	**73,797**	**105.3**	**50,857**	**47.9**	**22,939**	**14.9**	**30,232**
Kentucky	42.2	23,848	36.8	5,392	18,456	31.5	12,619	10.7	5,837	3.5	7,414
Tennessee	47.9	28,785	46.3	5,674	23,111	30.3	15,323	17.6	7,788	5.3	10,037
Alabama	33.9	21,333	30.4	2,297	19,036	22.4	13,206	11.6	5,830	4.1	8,935
Mississippi	29.2	16,052	26.1	2,858	13,194	21.1	9,709	8.0	3,484	2.0	3,846
West South Central	**582.0**	**382,003**	**543.4**	**58,898**	**323,105**	**271.3**	**138,680**	**310.7**	**184,424**	**52.8**	**132,161**
Arkansas	36.2	20,611	32.9	4,802	15,809	19.8	8,193	16.4	7,616	2.6	5,056
Louisiana	59.9	40,194	56.8	7,377	32,817	30.2	16,441	29.7	16,376	6.2	15,367
Oklahoma	68.4	40,171	54.8	8,266	31,905	48.8	18,436	19.6	13,469	4.5	10,531
Texas	417.5	281,027	398.9	38,453	242,574	172.5	95,610	245.0	146,963	39.5	101,207
Mountain	**251.5**	**172,564**	**208.9**	**34,286**	**138,277**	**151.5**	**83,297**	**99.8**	**54,980**	**22.5**	**55,804**
Montana	23.0	13,098	20.4	4,043	9,055	15.7	6,125	7.2	2,930	.9	2,061
Idaho	14.5	10,775	12.8	3,037	7,738	7.2	4,010	7.3	3,728	1.0	2,460
Wyoming	13.3	10,109	11.9	1,659	8,449	7.8	4,581	5.4	3,868	1.3	2,830
Colorado	72.9	52,869	56.5	10,835	42,034	51.5	27,456	21.4	14,578	6.9	19,297
New Mexico	13.6	9,052	12.3	2,088	6,964	9.7	5,114	3.9	1,850	1.1	2,803
Arizona	66.0	42,491	51.7	6,787	35,704	39.3	19,100	26.7	16,604	5.5	12,884
Utah	22.2	18,331	18.7	2,785	15,546	14.4	12,718	7.8	2,828	4.3	9,685
Nevada	26.0	15,839	24.6	3,052	12,787	5.9	4,193	20.1	8,594	1.5	3,784
Pacific	**761.2**	**567,697**	**680.2**	**100,327**	**467,369**	**367.0**	**220,337**	**394.2**	**247,033**	**79.0**	**201,874**
Washington	65.4	56,205	55.8	6,638	49,567	38.6	35,272	26.8	14,295	10.4	26,468
Oregon	48.5	27,249	43.1	3,948	23,300	29.7	11,798	18.8	11,503	2.1	4,140
California	617.0	467,248	552.7	83,898	383,351	280.6	166,265	336.5	217,085	64.5	166,686
Alaska	16.1	8,180	15.5	1,372	6,807	6.9	4,581	9.2	2,227	1.2	2,917
Hawaii	14.2	8,815	13.1	4,471	4,344	11.2	2,421	2.9	1,923	.8	1,663
Other areas [3]	9.8	6,471	6.8	229	6,242	6.0	3,295	3.9	2,946	1.5	2,693

[1] Number of top wealthholders holding debts and mortgages. [2] Includes District of Columbia. [3] U.S. citizens domiciled abroad.

Source: U.S. Internal Revenue Service, *SOI Bulletin*, Winter 1984–85.

No. 778. Top Wealthholders with Gross Assets Greater Than $500,000, by Size of Net Worth and Type of Asset: 1982

[All figures are estimates based on a sample of estate tax returns]

Type of asset	Number (1,000)					Amount (bil. dol.)				
	Total	Net worth				Total	Net worth			
		Under $250,000 [1]	$250,000–$500,000	$500,000–$1,000,000	$1,000,000 or more		Under $250,000 [1]	$250,000–$500,000	$500,000–$1,000,000	$1,000,000 or more
Total	**1,965.1**	**254.9**	**434.5**	**868.0**	**407.7**	**2,140**	**122**	**244**	**651**	**1,122**
Real estate	1,740.3	237.3	371.8	771.7	359.4	675	63	105	242	265
Corporate stock	1,555.3	169.3	307.4	710.5	368.1	531	11	35	135	350
Noncorporate business assets	829.7	112.6	176.6	325.9	214.6	181	15	21	35	111
Cash	1,911.1	236.7	422.7	851.4	400.3	167	5	16	78	67
Bonds	755.2	43.7	96.7	398.5	216.3	128	1	4	36	88
State and local government	411.3	8.9	37.0	212.6	152.9	62	(Z)	1	14	46
Federal savings	204.5	19.2	30.7	108.4	46.2	6	(Z)	(Z)	3	3
Other Federal	219.9	11.8	27.1	112.7	68.3	46	(Z)	1	13	32
Corporate and foreign	328.2	13.1	40.5	191.5	83.1	14	(Z)	1	6	7
Notes and mortgages	922.8	60.6	198.3	430.0	233.9	97	6	10	30	51
Life insurance equity	1,450.1	245.9	370.2	564.0	270.0	26	5	7	7	7
Other assets	1,903.0	245.2	427.2	835.8	394.9	336	16	48	89	184
Debts and mortgages	**1,813.5**	**251.3**	**419.3**	**770.2**	**372.6**	**375**	**115**	**69**	**70**	**121**
Net worth	(X)	(X)	(X)	(X)	(X)	**1,765**	**8**	**175**	**582**	**1,001**

X Not applicable. Z Less than $500 million. [1] Includes those wealthholders with negative net worth.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Winter 1984–85.

No. 779. Ownership of Selected Financial and Other Assets by Families, by Selected Characteristics: 1983

[In percent. See headnote, table 780]

Family characteristic	Financial assets										Other assets	
	Liquid assets						Other financial assets					
	Checking account	Savings account	Money market account [1]	Certificates of deposit	IRA or Keogh account	Savings bonds	Stocks	Other bonds	Nontaxable holdings [2]	Trust	Property	Business
All families	**79**	**62**	**14**	**20**	**17**	**21**	**19**	**3**	**3**	**4**	**19**	**14**
Family income:												
Less than $10,000	53	39	3	10	2	7	5	(Z)	(Z)	2	7	5
$10,000–$19,999	77	59	10	19	7	16	13	2	2	2	14	8
$20,000–$29,999	88	72	12	21	16	24	20	3	1	3	18	16
$30,000–$49,999	94	78	21	26	30	33	31	3	4	6	26	21
$50,000 and over	97	75	36	36	55	35	51	11	16	12	44	37
Age of family head:												
Under 35 years	72	63	8	9	9	20	13	1	1	4	10	7
35–44 years	83	68	16	16	19	27	22	3	3	4	20	13
45–54 years	81	65	12	18	25	23	22	3	3	6	22	11
55–64 years	83	58	18	30	33	21	25	5	5	4	30	12
65 years and over	80	53	18	37	8	14	21	4	5	3	20	7
Occupation of family head:												
Professional, technical	92	70	27	26	27	26	31	6	7	8	24	17
Manager	93	71	20	29	35	30	38	6	6	6	27	17
Self-employed manager	88	66	26	32	35	20	29	7	10	6	39	75
Clerical or sales	86	70	14	22	17	24	22	4	3	4	19	9
Craftsman or foreman	80	67	11	18	14	23	17	1	1	3	20	11
Operative, labor, or service	64	52	5	11	7	15	8	1	(Z)	2	12	4
Farmer or farm manager	90	43	15	39	17	19	19	(Z)	(Z)	2	25	61
Miscellaneous	64	46	9	21	4	11	10	1	3	3	9	6
Tenure:												
Owner occupied	88	68	17	27	22	25	24	3	4	5	24	12
Renter occupied [3]	63	51	8	9	7	13	11	2	1	3	9	4

Z Less than .5 percent. [1] Includes money market accounts at depository institutions (money market deposit accounts) and at brokerages (money market mutual fund accounts). [2] Municipal bonds and tax-free mutual funds. [3] Includes other.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, December 1984; and the *1983 Survey of Consumer Finances*.

No. 780. Mean and Median Liquid and Total Financial Assets of Families, by Selected Characteristics: 1983

[Families include one-person units; for definition of family, see text, p. 4. For definition of median, see Guide to Tabular Presentation. Based on a sample survey of 3,824 families residing in conterminous United States, excluding those on military reservations. Data are subject to sampling variability; see Appendix III]

FAMILY CHARACTERISTIC	Percent of families owning liquid assets	LIQUID ASSETS [1] (dollars)		FINANCIAL ASSETS [2] (dollars)	
		Mean	Median	Mean	Median
All families	**88**	**14,695**	**2,850**	**27,365**	**3,500**
Family income:					
Less than $5,000	57	2,177	500	3,254	513
$5,000–$7,499	70	3,663	1,000	4,296	1,000
$7,500–$9,999	75	5,378	800	6,114	848
$10,000–$14,999	87	9,549	1,719	11,619	2,205
$15,000–$19,999	93	9,130	1,513	12,021	1,780
$20,000–$24,999	95	11,365	2,105	14,078	2,385
$25,000–$29,999	97	12,509	2,798	18,539	3,349
$30,000–$39,999	99	17,783	4,717	22,752	5,950
$40,000–$49,999	99	16,285	7,828	32,342	10,631
$50,000 and over	99	45,541	19,886	125,131	31,658
Age of family head:					
Under 25 years	81	1,972	600	2,646	746
25–34 years	87	4,274	1,203	7,963	1,514
35–44 years	91	8,911	3,000	14,414	3,750
45–54 years	89	14,826	3,308	23,009	4,131
55–64 years	91	25,439	7,425	54,951	9,338
65–74 years	88	30,666	9,676	65,339	11,400
75 years and over	86	26,481	7,885	37,060	10,350
Educational attainment of family head:					
Elementary school:					
8 years or less	72	9,552	1,490	10,598	1,502
High school:					
1–3 years	77	11,394	1,519	14,437	1,800
4 years	91	11,822	2,212	17,221	2,550
College:					
1–3 years	93	13,165	2,888	24,466	3,785
4 years or more	98	25,112	7,825	61,016	10,977
Occupation of family head:					
Professional, technical	97	19,276	5,521	32,226	7,727
Manager	96	22,651	7,720	47,713	10,650
Self-employed manager	96	34,784	11,110	125,983	15,150
Clerical or sales	94	13,623	3,255	24,433	4,225
Craftsman or foreman	90	9,690	2,105	13,592	2,775
Operative, labor, or service	79	6,122	1,115	7,441	1,316
Farmer or farm manager	93	38,619	8,500	42,118	10,203
Tenure:					
Owner occupied	94	18,385	5,000	34,534	6,069
Renter occupied [3]	78	6,759	1,000	12,010	1,100

[1] Comprises checking accounts, savings accounts, money market accounts, certificates of deposits, IRA and Keogh accounts, and savings bonds. [2] Comprises liquid assets plus stocks, other bonds, nontaxable holdings (municipal bonds and shares in certain mutual funds) and trusts. [3] Includes other.

Source: Board of Governers of the Federal Reserve System, *Federal Reserve Bulletin*, December 1984, and *1983 Survey of Consumer Finances*, forthcoming.

No. 781. Net Worth of Families, by Selected Family Characteristics: 1983

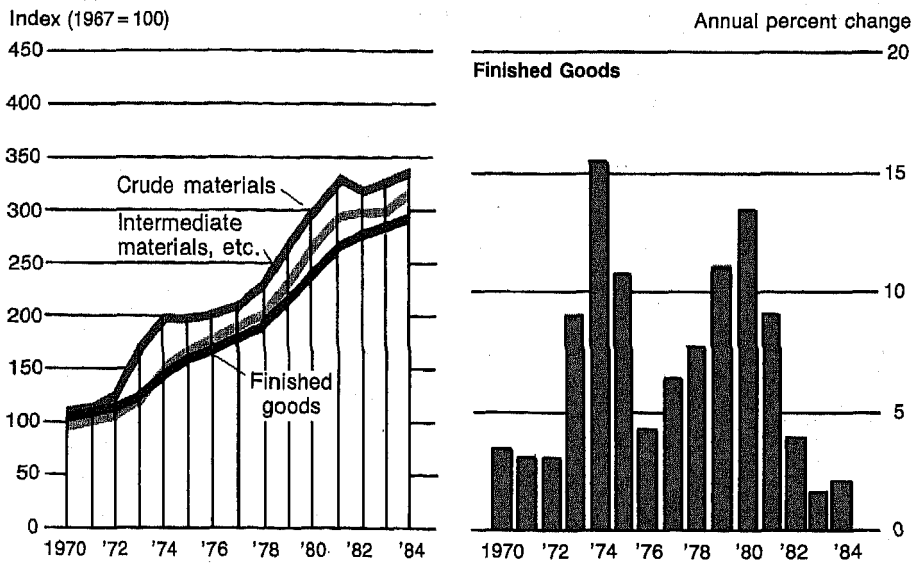
[Net worth is the difference between gross assets (financial assets, equity in homes, and other real property) and liabilities (consumer credit, mortgage debt and other debts). The estimates exclude the value of consumer durables, the cash value of life insurance , equity in small businesses and farms, and the present value of expected future benefits from pensions or social security. See also headnote, table 780]

FAMILY CHARACTERISTIC	Percent distribution	NET WORTH (dol.)	
		Mean	Median
All families	**100**	**66,050**	**24,574**
Family income:			
Less than $5,000	9	12,051	514
$5,000–$7,499	8	20,146	2,725
$7,500–$9,999	7	27,832	2,140
$10,000–$14,999	14	36,277	11,575
$15,000–$19,999	13	36,816	15,383
$20,000–$24,999	11	45,564	22,820
$25,000–$29,999	9	60,513	28,876
$30,000–$39,999	13	69,083	45,981
$40,000–$49,999	7	95,658	63,941
$50,000 and over	10	262,254	130,851
Age of family head:			
Under 25 years	8	4,218	5
25–34 years	23	20,391	3,654
35–44 years	19	51,893	28,721
45–54 years	16	81,350	43,797
55–64 years	15	119,714	55,587
65–74 years	12	125,284	50,181
75 years and over	7	72,985	35,939
Educational attainment of family head:			
Elementary school:			
8 years or less	16	37,419	16,152
High school:			
1–3 years	13	40,791	12,489
4 years	32	52,968	23,671
College:			
1–3 years	20	71,754	20,418
4 years or more	19	122,842	54,805
Occupation of family head:			
Professional, technical	14	81,094	40,079
Manager	11	109,147	57,129
Self-employed manager	5	231,773	87,399
Clerical or sales	13	65,321	24,452
Craftsman or foreman	18	48,928	26,402
Operative, labor, or service	29	26,574	8,338
Farmer of farm manager	2	121,710	69,735
Tenure:			
Owner occupied	64	97,239	50,125
Renter occupied [1]	36	10,603	15

[1] Includes other.

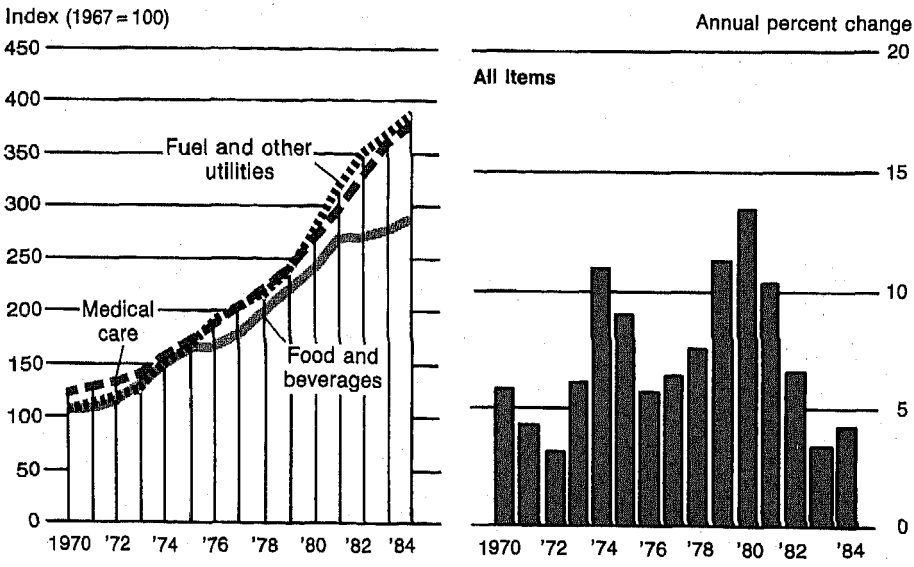
Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, December 1984, and *1983 Survey of Consumer Finances*, forthcoming.

Figure 16.1
Producer Price Indexes by Stage of Processing: 1970 to 1984

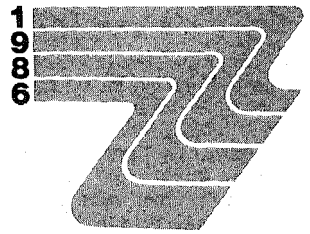


Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 783 and 787.

Figure 16.2
Consumer Price Indexes: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 783 and 797.



Section 16

Prices

This section presents indexes of producer and consumer prices, actual prices for selected commodities and energy prices. The primary sources of these data are monthly publications of the Department of Labor, Bureau of Labor Statistics, which include: *Monthly Labor Review; Consumer Price Index, Detailed Report; Consumer Prices: Energy* and *Food;* and *Producer Price Indexes.* The Bureau of Economic Analysis of the Department of Commerce is the source for the gross national product (GNP) implicit price deflator figures; see table 785. The Department of Agriculture's Economic Research Service (ERS) produces indexes of prices received and prices paid by farmers; see Section 24.

The Bureau of Labor Statistics (BLS) prepares monthly indexes of producer prices for a large selection of commodities, and monthly indexes of consumer prices for both commodities and services.

Producer price index.—Formerly known as the wholesale price index, this index, dating from 1890, is the oldest continuous statistical series published by BLS. It is designed to measure average changes in prices of all commodities, at all stages of processing, produced for sale in primary markets in the U.S.

The index has undergone several revisions (see *Monthly Labor Review,* February 1962 and April 1978). It is now based on approximately 3,400 commodity price series instead of the approximately 1,900 included in the 1947–1960 period and the 900 included for the period prior to 1947. Indexes for the net output of most mining and manufacturing industries have been added in recent years. Prices used in constructing the index are collected from sellers, and generally apply to the first significant large-volume commercial transaction for each commodity—i.e., the manufacturer's or other producer's selling price or the selling price on an organized exchange or at a central market.

The weights used in the index represent the total net selling value of commodities produced or processed in this country. Values are f.o.b. production point and are exclusive of excise taxes, interplant transfers, military products, and goods sold directly at retail from producing establishments. Beginning in January 1976, the weights are values of net shipments of commodities as derived from the industrial censuses of 1972 and other data. For January 1967–December 1975, weights were based on 1963 shipment values.

Implicit price deflators.—Several measures of the change in prices paid by U.S. consumers are available. Each of them is constructed differently and behaves differently. Three such measures are: *the implicit price deflator* for personal consumption expenditures (PCE) and the *chain price index* for PCE, prepared by Bureau of Economic Analysis (BEA) and the *consumer price index (CPI),* prepared by BLS.

Many of the differences are traceable to the fact that the population groups covered by the BEA measures are "persons" as defined in the national income and product accounts, i.e., mainly individuals and nonprofit institutions and individuals serving them. The CPI covers all urban consumers. Weights also differ in each of the three measures. In terms of relative importance, approximately 70 percent of the expenditure components used in constructing the BEA and the CPI are comparable. CPI measures are also used in constructing most of the BEA measures for noncomparable PCE components. All together, almost 95 percent of the weight of the price indexes used in the construction of the BEA measures is taken from the CPI. See U.S. Bureau of Economic Analysis, *Survey of Current Business,* March 1978 for a detailed reconciliation.

Consumer price indexes (CPI).—The CPI is a measure of the average change in prices over time in a fixed "market basket" of goods and services purchased either by urban wage earners and clerical workers or by all urban consumers.

In 1919, BLS began to publish complete indexes at semiannual intervals, using a weighting structure based on data collected in the expenditure survey of wage-earner and clerical-worker families in 1917–19 (BLS Bulletin 357, 1924). The first major revision of the CPI occurred in 1940, with subsequent revisions in 1953, 1964, and 1978.

The current revision, initially issued with release of the January 1978 data, is based on updated "market baskets" of goods and services and revised expenditure weights derived from a 1972–1973 Consumer Expenditure Survey.

Effective with the January 1978 index, BLS began publishing CPI's for two population groups: (1) a new CPI for All Urban Consumers (CPI–U) which covers approximately 80 percent of the total noninstitutional civilian population; and (2) a revised CPI for Urban Wage Earners and Clerical Workers (CPI–W) which represents about half the population covered by CPI–U. The CPI–U includes in addition to wage earners and clerical workers, groups which historically have been excluded from CPI coverage, such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force. Separate, although overlapping samples were used for the two indexes from January 1978 to January 1982. Thereafter, the same samples were used for both indexes.

In January 1983, the method of measuring homeownership costs in the CPI–U was changed to a rental equivalence approach. This treatment calculates homeowner costs of the shelter based on the implicit rent owners would pay to rent the homes they own. The former asset approach incorporated both investment as well as consumption costs in its measure. The rental equivalence approach was introduced into the CPI–W in January 1985.

The CPI is based on prices of food, clothing, shelter, fuels, transportation fares, charges for doctors' and dentists' services, drugs, and other goods and services purchased for day-to-day living. Prices are collected in 85 areas across the country from over 25,000 tenants, 20,000 owners, and about 32,400 establishments. Area selection was based on the 1970 census. All taxes directly associated with the purchase and use of items are included in the index. Prices of food, fuels, and a few other items are obtained every month in all 85 locations. Prices of most other commodities and services are collected monthly in the five largest geographic areas and every other month in other areas.

In calculating the index, each item is assigned a weight to account for its relative importance in consumers' budgets. Price changes for the various items in each location are then averaged. Local data are then combined to obtain a U.S. city average. Separate indexes are also published for regions, area size-classes, cross-classification of region and size-classes, and for 28 local areas, usually consisting of the Standard Metropolitan Statistical Area (SMSA); see Appendix II. Area definitions are those established by the Office of Management and Budget in 1973. Definitions do not include revisions made since 1973. Area indexes do not measure differences in the level of prices among cities, they only measure the average change in prices for each area since the base period. For further detail regarding the CPI, see *Consumer Price Index; Concepts and Content Over the Years,* BLS report number 517.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to the producer price index and the CPI, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986.* For cross-references, see Appendix VI.

No. 782. Purchasing Power of the Dollar: 1940 to 1984

[1967=$1.00. Producer prices prior to 1961, and consumer prices prior to 1964, exclude Alaska and Hawaii. For 1940 and 1945, producer prices based on all commodities index; subsequent years based on finished goods index. Obtained by dividing the average price index for the 1967 base period (100.0) by the price index for a given period and expressing the result in dollars and cents. Annual figures are based on average of monthly data]

YEAR	ANNUAL AVERAGE AS MEASURED BY—		YEAR	ANNUAL AVERAGE AS MEASURED BY—		YEAR	ANNUAL AVERAGE AS MEASURED BY—	
	Producer prices	Consumer prices		Producer prices	Consumer prices		Producer prices	Consumer prices
1940	$2.469	$2.381	1959	$1.075	$1.145	1972	$.853	$.799
1945	1.832	1.855	1960	1.067	1.127	1973	.782	.751
1948	1.252	1.387	1961	1.067	1.116	1974	.678	.677
1949	1.289	1.401	1962	1.064	1.104	1975	.612	.620
1950	1.266	1.387	1963	1.067	1.091	1976	.586	.587
1951	1.156	1.285	1964	1.063	1.076	1977	.550	.551
1952	1.163	1.258	1965	1.045	1.058	1978	.510	.512
1953	1.175	1.248	1966	1.012	1.029	1979	.459	.460
1954	1.172	1.142	1967	1.000	1.000	1980	.405	.405
1955	1.170	1.247	1968	.972	.960	1981	.371	.367
1956	1.198	1.229	1969	.938	.911	1982	.356	.346
1957	1.098	1.186	1970	.907	.860	1983	.351	.335
1958	1.073	1.155	1971	.880	.824	1984	.344	.321

Source: U.S. Bureau of Labor Statistics. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business.*

No. 783. Annual Percent Change in Selected Price Indexes: 1960 to 1984

[Yearly averages. Minus sign (−) indicates decrease. GNP=Gross national product; see text, p. 427]

Year or period	Consumer prices						Producer prices					GNP deflator [2]			
	All items	Food	Fuel oil and coal [1]	Gas (piped) and electricity	Rent	Services	Finished goods		Intermediate goods	Crude goods		Total	Domestic business	Nonfarm business	PCE [2 3] deflator
							Total	Consumer goods		Total	Fuel				
1960 [4]	1.6	1.0	−.7	4.1	1.4	3.3	.8	1.0	-	−2.4	1.0	1.9	1.9	1.9	1.9
1961	1.0	1.3	2.0	.8	1.3	2.0	-	−.2	−.6	−.5	−.2	1.3	1.1	1.1	1.0
1962	1.1	.9	.5	-	1.2	1.9	.3	.3	−.1	1.0	−.5	1.9	1.5	1.5	1.5
1963	1.2	1.4	1.9	-	1.1	2.0	−.3	−.5	.3	−2.2	1.2	1.2	.7	.8	1.6
1964	1.3	1.3	−.5	-	.9	1.9	.4	.2	.3	−.9	−.4	1.2	.6	.6	1.4
1965	1.7	2.2	2.0	-	1.0	2.2	1.7	1.9	1.4	5.1	.8	1.4	.8	.5	1.8
1966	2.9	5.0	2.5	.2	1.3	3.9	3.2	3.4	2.5	6.4	3.0	3.5	3.3	3.0	2.9
1967	2.9	.9	3.1	.4	1.8	4.4	1.2	.6	.8	−5.4	3.8	3.4	3.3	3.7	2.4
1968	4.2	3.6	3.1	.9	2.4	5.2	2.8	2.7	2.3	1.6	2.3	4.3	3.7	3.7	4.0
1969	5.4	5.1	2.4	1.9	3.2	6.9	3.7	3.8	3.4	6.7	4.2	4.3	3.7	3.6	4.5
1970	5.9	5.5	4.3	4.4	4.2	8.1	3.5	3.1	3.9	3.6	15.0	4.5	3.5	3.7	4.6
1971	4.3	3.0	6.7	6.9	4.6	5.6	3.1	2.7	3.8	2.5	13.4	4.4	3.7	3.8	4.3
1972	3.3	4.3	.9	5.1	3.5	3.8	3.1	3.3	4.0	10.9	7.0	−.6	−2.2	−2.8	3.7
1973	6.2	14.5	14.8	4.9	4.3	4.4	9.1	10.8	10.9	36.4	10.6	5.8	5.5	3.9	5.7
1974	11.0	14.4	57.8	15.3	5.1	9.3	15.3	15.6	23.8	12.7	33.4	8.8	9.2	9.8	10.1
1975	9.1	8.5	9.6	16.3	5.1	9.5	10.8	9.6	10.5	.4	23.7	9.3	9.5	9.9	7.6
1976	5.8	3.1	6.6	11.4	5.4	8.3	4.4	3.7	5.1	2.9	12.4	5.2	4.8	5.1	5.1
1977	6.5	6.3	13.0	12.9	6.1	7.7	6.5	6.5	6.6	3.2	21.9	5.8	5.6	5.8	5.8
1978	7.7	10.0	5.3	9.0	6.8	8.5	7.8	7.9	7.0	12.0	14.7	7.4	7.5	7.1	7.0
1979	11.3	10.9	35.1	10.8	7.3	11.0	11.1	11.8	12.8	17.0	18.9	8.6	8.9	8.7	9.0
1980	13.5	8.6	37.9	17.1	8.9	15.4	13.5	14.2	15.3	11.0	21.2	9.2	9.2	9.8	10.2
1981	10.4	7.9	21.6	14.6	8.7	13.1	9.2	9.0	9.2	8.0	22.1	9.6	9.6	9.8	8.7
1982	6.1	4.0	−1.2	13.8	7.6	9.0	4.0	3.6	1.4	−2.9	18.0	6.0	5.6	5.9	5.9
1983	3.2	2.1	−6.0	8.9	5.8	3.5	1.6	1.3	.6	1.3	5.1	3.8	3.3	3.5	3.7
1984	4.3	3.8	2.2	3.8	5.2	5.2	2.1	2.0	2.5	2.3	-	3.8	3.4	3.3	3.2
1960–65 [5]	1.3	1.4	1.2	.2	1.1	2.0	.4	.3	.3	.5	.2	1.4	1.0	.9	1.4
1965–70 [5]	4.2	4.0	3.1	1.5	2.6	5.7	2.9	2.7	2.6	2.5	5.6	4.0	3.5	3.5	3.7
1970–75 [5]	6.8	8.8	16.4	9.6	4.5	6.5	8.2	8.3	10.4	11.9	17.2	5.5	5.0	4.8	6.3
1975–80 [5]	8.9	7.7	18.8	12.2	6.9	10.2	8.6	8.8	9.3	9.1	17.8	7.2	7.2	7.3	7.4
1980–82 [5]	8.2	5.9	9.6	14.2	8.1	11.0	6.6	6.3	5.2	2.4	20.0	7.8	7.6	7.8	7.3
1980–83 [5]	6.5	4.6	4.1	12.4	7.3	8.5	4.9	4.6	3.7	2.0	14.8	6.5	6.1	6.4	6.1
1980–84 [5]	6.0	4.4	3.7	10.2	6.8	7.7	4.2	3.9	3.4	2.1	10.9	5.8	5.5	5.6	5.3

- Represents zero. [1] Includes bottled gas. [2] Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues. Index 1972=100. [3] PCE=Personal consumption expenditures. See table 785. [4] Base year for percent change is 1959. [5] Average annual percent change. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Monthly Labor Review.*

No. 784. Annual Percent Change in Wage Rates, Costs, Productivity, and Federal Budget: 1972 to 1984

Item	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Wage rates and earnings, private nonfarm:													
Average hourly earnings	7.2	6.5	7.6	6.8	7.3	8.0	8.4	8.3	8.1	8.9	5.9	4.4	3.9
Employment cost index, total	(NA)	(NA)	(NA)	(NA)	7.2	7.0	7.7	8.7	9.0	8.8	6.3	5.0	4.1
Union	(NA)	(NA)	(NA)	(NA)	8.1	7.6	8.0	9.0	10.9	9.6	6.5	4.6	3.4
Non-union	(NA)	(NA)	(NA)	(NA)	6.8	6.6	7.6	8.5	8.0	8.5	6.1	5.2	4.5
Nonfarm business:													
Compensation per hour	6.7	7.6	9.4	9.6	8.1	7.5	8.6	9.0	10.3	9.6	8.0	4.9	4.1
Productivity	3.7	2.4	−2.5	2.0	3.2	2.2	.6	−1.5	−.7	1.5	−.2	3.5	2.7
Unit labor costs	2.8	5.0	12.2	7.5	4.7	5.2	8.0	10.7	11.1	8.0	7.7	1.4	1.4
Federal government budget: [1]													
Receipts	10.8	11.3	14.0	6.0	6.8	19.3	12.4	16.0	11.6	15.9	3.1	−2.8	11.0
Outlays	9.8	6.5	9.6	23.4	11.9	10.1	12.1	9.8	17.4	14.8	10.0	8.4	5.4
Gross debt	6.8	7.1	3.8	11.9	16.1	12.2	10.1	6.8	9.7	9.8	14.2	20.5	14.1

NA Not available. [1] Fiscal year data; see table 491. Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1986.*

Source: Except as noted, U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Employment and Earnings*, monthly, and *Current Wage Developments*, May 1985.

No. 785. Gross National Product Implicit Price Deflators: 1929 to 1984

[1972=100, except as noted. See *Historical Statistics, Colonial Times to 1970*, series E 1-22, for data based on 1958=100. Minus sign (–) indicates decrease. For explanation of average annual percent change, see Guide of Tabular Presentation]

Year or period	Gross national product	Personal consumption expenditures	Fixed investment [1]			Exports	Imports	Gov't purchases of goods and services	Final sales
			Total	Residential	Nonresidential				
1929	32.8	35.9	28.3	28.2	28.3	42.2	45.5	21.5	32.7
1933	25.1	26.9	22.4	20.7	22.9	26.5	23.6	19.2	25.3
1939	28.4	30.5	27.7	26.6	28.2	32.1	31.0	21.4	28.4
1940	29.1	30.9	28.5	27.4	29.1	34.9	32.8	21.7	29.0
1945	37.9	44.1	37.2	40.8	36.7	53.6	44.9	31.2	37.9
1950	*53.6*	*56.9*	*56.7*	*60.0*	*54.5*	*61.0*	*68.8*	*39.2*	*53.3*
1955	60.8	64.4	65.0	68.7	62.9	68.5	77.1	49.2	60.6
1960	68.7	71.9	72.1	71.4	72.5	75.2	76.1	58.0	68.6
1965	74.4	77.2	74.0	72.3	74.7	79.4	77.7	66.0	74.2
1966	76.8	79.4	76.3	74.6	76.9	81.9	79.4	69.1	76.6
1967	79.1	81.4	78.8	77.0	79.5	83.5	79.9	72.5	79.0
1968	82.5	84.6	82.2	80.7	82.8	85.5	81.1	76.5	82.5
1969	86.8	88.4	87.0	87.7	86.7	88.5	*83.2*	*81.1*	*86.8*
1970	91.5	92.5	91.1	90.5	91.3	93.2	88.6	87.7	91.5
1971	96.0	96.5	95.7	94.8	96.2	97.0	93.3	93.9	96.0
1972	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1973	105.8	105.7	105.5	109.1	103.8	112.7	116.7	106.7	105.7
1974	115.1	116.4	116.7	120.3	115.4	134.8	164.6	116.8	115.0
1975	*125.8*	125.3	131.9	131.0	132.2	149.6	179.6	128.2	125.7
1976	132.3	131.7	139.2	140.7	138.6	155.3	185.6	136.6	132.2
1977	140.1	139.3	149.8	158.0	146.3	161.9	205.5	146.3	139.7
1978	150.4	149.1	163.2	178.3	157.2	172.6	214.1	157.3	150.3
1979	163.4	162.5	178.5	200.5	170.8	192.5	246.1	170.4	163.3
1980	178.4	179.0	193.4	218.5	186.2	212.9	289.4	189.2	178.6
1981	195.6	194.5	208.6	234.1	202.2	230.9	293.8	207.8	195.3
1982	207.4	206.0	215.4	241.3	209.5	236.0	279.3	222.2	207.7
1983	*215.3*	*213.6*	*216.0*	*246.4*	*206.4*	*241.0*	*271.5*	*234.9*	*215.7*
1984, prel	223.4	220.4	218.7	255.7	207.8	249.4	266.0	247.4	223.3
	AVERAGE ANNUAL PERCENT CHANGE								
1929–1933	–6.5	–7.0	–5.7	–7.4	–5.2	–11.0	–15.1	–2.8	–6.2
1933–1939	2.1	2.1	3.6	4.3	3.5	3.3	4.7	1.8	2.0
1940–1945	*5.4*	7.4	*5.5*	*8.3*	4.8	*9.0*	*6.5*	*7.5*	*5.5*
1945–1950	7.2	5.2	8.8	8.0	8.2	2.6	8.9	4.7	7.1
1950–1955	2.6	2.5	2.8	2.8	2.9	2.4	2.3	4.7	2.6
1955–1960	2.5	2.2	2.1	.8	2.9	1.9	–.3	3.4	2.5
1960–1965	1.6	1.4	.5	.3	.6	1.1	.4	2.6	1.6
1965–1970	4.2	3.7	4.3	4.6	4.1	3.3	2.7	5.9	4.3
1970–1975	6.6	6.3	7.7	7.7	7.7	9.9	15.2	7.9	6.6
1976	*5.2*	5.1	5.5	7.4	4.8	3.8	*3.3*	*6.6*	*5.2*
1977	5.9	5.8	7.6	12.3	5.6	4.2	10.7	7.1	5.7
1978	7.4	7.0	8.9	12.8	7.5	6.6	4.2	7.5	7.6
1979	8.6	9.0	9.4	12.5	8.7	11.5	14.9	8.3	8.7
1980	9.2	10.2	8.4	9.0	9.0	10.6	17.6	11.0	9.4
1981	9.6	8.7	7.9	7.2	8.6	8.5	1.5	9.9	9.4
1982	6.0	5.9	3.2	3.1	3.6	2.2	–4.9	6.9	6.3
1983	*3.8*	3.7	.3	2.1	–1.5	2.1	–2.8	5.7	3.9
1984, prel	3.8	3.2	1.3	3.8	.7	3.5	–2.0	5.4	3.5

[1] Gross private domestic fixed investment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July issues.

No. 786. Indexes of Spot Primary Market Prices: 1970 to 1984

[1967=100. Index computed weekly through 1981; daily, beginning May 27, 1981. Represents unweighted geometric average of price quotations of 22 commodities. This index is much more sensitive to changes in market conditions than is a monthly producer price index]

Item and number of commodities	1970 (6-16)	1975 (6-24)	1976 (6-29)	1977 (6-28)	1978 (6-27)	1979 (6-26)	1980 (6-24)	1981 (5-26)	1982 (5-25)	1983 (5-23)	1984 (5-22)
All commodities (22)	**113.6**	**189.9**	**210.9**	**206.7**	**230.0**	**281.3**	**265.1**	**267.9**	**247.6**	**249.8**	**293.9**
Foodstuffs (9)	112.2	215.3	213.7	210.6	238.1	265.1	260.9	244.2	252.8	246.1	299.9
Raw industrials (13)	114.4	174.1	208.9	204.0	224.4	293.0	268.0	285.4	243.9	252.3	289.7
Livestock and products (5)	123.6	240.8	224.4	234.6	278.0	336.3	250.5	265.2	312.1	278.1	364.5
Metals (5)	125.2	166.8	215.4	203.0	*220.6*	332.8	*257.9*	*287.3*	*218.2*	*225.9*	*253.4*
Textiles and fibers (4)	99.9	158.8	181.4	170.1	173.6	192.2	234.7	243.0	206.6	208.0	248.1
Fats and oils (4)	128.6	213.6	208.3	235.7	253.5	289.4	229.5	238.7	255.7	225.9	363.5

Source: 1970-1981, U.S. Bureau of Labor Statistics, *Tuesday Spot Market Price Indexes and Prices*, weekly and monthly, thereafter, Commodity Research Bureau, Inc., Jersey City, NJ, *CRB Commodity Index Report*, weekly (copyright).

NO. 787. PRODUCER PRICE INDEXES, BY STAGE OF PROCESSING: 1970 TO 1985

[1967=100. Minus sign (−) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series E 73-86]

STAGE OF PROCESSING AND COMMODITY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, June
Crude materials for further processing	**112.3**	**196.9**	**202.7**	**209.2**	**234.4**	**274.3**	**304.6**	**329.0**	**319.5**	**323.6**	**330.8**	**305.5**
Foodstuffs and feedstuffs	112.0	191.8	190.2	192.1	216.2	247.9	259.2	257.4	247.8	252.2	259.5	234.0
Nonfoods, exc. fuel	109.8	188.3	206.7	212.2	233.1	284.5	346.1	413.7	376.8	372.2	380.5	354.1
For manufacturing	109.6	192.4	211.6	216.8	238.2	292.7	357.4	429.4	387.2	381.9	390.1	358.7
For construction	113.9	151.1	161.2	170.6	185.7	207.0	237.6	261.8	270.3	270.6	278.7	289.2
Fuel	122.6	271.5	305.3	372.1	426.8	507.6	615.0	751.2	886.1	931.5	931.3	917.7
Manufacturing industries	116.9	252.1	300.1	384.6	446.2	549.6	690.5	864.9	1,034.8	1,094.5	1,092.2	1,074.0
Nonmanufacturing industries	130.2	297.2	317.1	370.9	421.1	485.0	567.0	674.0	782.2	816.3	818.7	808.1
Intermediate materials, supplies, components	**109.9**	**180.0**	**189.1**	**201.5**	**215.6**	**243.2**	**280.3**	**306.0**	**310.4**	**312.3**	**320.0**	**320.2**
Materials and components for manufacturing	110.0	178.7	185.4	195.4	208.7	234.4	265.7	286.1	289.8	293.4	301.8	300.4
Materials for—												
Food manufacturing	112.9	209.4	180.0	183.4	206.5	229.4	264.4	260.4	255.1	258.4	271.1	262.1
Nondurable manufacturing	103.8	174.7	184.2	190.0	196.7	222.8	259.5	285.8	284.4	280.0	290.5	286.3
Durable manufacturing	114.7	188.4	201.0	217.6	236.2	270.6	301.0	312.1	310.1	319.4	325.1	322.6
Components for manufacturing	111.1	158.3	166.6	176.8	189.6	207.5	231.8	259.3	273.9	280.4	287.5	291.2
Materials and components for construction	112.6	176.4	188.4	203.4	224.7	247.4	268.3	287.6	293.7	301.8	310.3	317.3
Processed fuels, lubricants	105.0	233.0	250.1	282.5	295.3	364.8	503.0	595.4	591.7	564.8	566.2	559.3
Containers	111.4	171.4	180.2	188.3	202.8	226.8	254.5	276.1	285.6	286.6	302.3	311.3
Supplies	108.0	168.1	179.0	188.7	198.5	218.2	244.5	263.8	272.1	277.1	283.4	283.4
For manufacturing industries	110.0	157.9	166.5	177.0	189.3	207.5	231.9	253.1	265.8	269.9	279.0	285.1
For nonmanuf. industries	107.2	173.4	185.5	194.8	203.3	223.8	251.1	269.6	275.7	281.1	285.9	282.7
Finished goods	**110.3**	**163.4**	**170.6**	**181.7**	**195.9**	**217.7**	**247.0**	**269.8**	**280.7**	**285.2**	**291.1**	**294.0**
Consumer goods	109.9	163.6	169.7	180.7	194.9	217.9	248.9	271.3	281.0	284.6	290.3	292.1
Foods	113.5	181.0	180.4	189.9	207.2	226.2	239.5	253.6	259.3	261.8	273.3	268.5
Crude foods	116.3	181.2	193.9	201.0	216.8	233.1	237.2	263.8	252.7	258.7	281.6	240.4
Processed foods	113.1	181.3	177.8	187.3	204.6	223.8	237.8	250.6	257.7	260.0	270.3	268.8
Other nondurable goods	108.3	163.0	174.8	189.3	200.0	231.3	269.9	319.6	333.6	335.3	337.3	342.0
Durable goods	106.9	138.2	144.5	152.8	166.9	183.2	206.2	218.6	226.7	233.1	236.8	241.9
Capital equipment	112.0	162.5	173.4	184.6	199.2	216.5	239.8	264.3	279.4	287.2	294.0	300.7
ANNUAL PERCENT CHANGE [1]												
Crude materials for further processing	**3.6**	**11.9**	**2.9**	**3.2**	**12.0**	**17.0**	**11.0**	**8.0**	**−2.9**	**1.3**	**2.2**	**−8.3**
Foodstuffs and feedstuffs	2.5	11.4	−.8	1.0	12.5	14.7	4.6	−.7	−3.7	1.8	2.9	−10.1
Fuel	15.0	17.2	12.4	21.9	14.7	18.9	21.2	22.1	18.0	5.1	-	−1.6
Intermediate materials, supplies, components	**3.9**	**10.4**	**5.1**	**6.6**	**7.0**	**12.8**	**15.3**	**9.2**	**1.4**	**.6**	**2.5**	**−.4**
Materials and components for—												
Manufacturing	4.0	10.2	3.7	5.4	6.8	12.3	13.4	7.7	1.3	1.2	2.9	−1.0
Construction	1.6	9.4	6.8	8.0	10.5	10.1	8.4	7.2	2.1	2.8	2.8	2.3
Processed fuels, lubricants	6.6	17.3	7.3	13.0	4.5	23.5	37.9	18.4	−.6	−4.5	.2	−2.8
Finished goods	**3.5**	**8.2**	**4.4**	**6.5**	**7.8**	**11.1**	**13.5**	**9.2**	**4.0**	**1.6**	**2.1**	**1.1**
Consumer goods	3.1	8.3	3.7	6.5	7.9	11.8	14.2	9.0	3.6	1.3	2.0	.7
Capital equipment	4.8	7.7	6.7	6.5	7.9	8.7	10.8	10.2	5.7	2.8	2.4	2.3

- Represents or rounds to zero. [1] For 1970, base year is 1969; thereafter change from prior year shown, except for 1985, change from June 1984 to June 1985.

NO. 788. PRODUCER PRICE INDEXES—MAJOR COMMODITY GROUPS: 1950 TO 1985

[1967=100. Prior to 1961, excludes Alaska and Hawaii. See text, p. 467. See also *Historical Statistics, Colonial Times to 1970*, series E 23 and 24]

YEAR	All commodities	Farm products	Processed foods and feeds	INDUSTRIAL COMMODITIES		YEAR	All commodities	Farm products	Processed foods and feeds	INDUSTRIAL COMMODITIES	
				Total	Energy [1]					Total	Energy [1]
1950	81.8	106.7	83.4	78.0	87.1	1968	102.5	102.5	102.2	102.5	98.9
1951	91.1	124.2	92.7	86.1	90.3	1969	106.5	109.1	107.3	106.0	100.9
1952	88.6	117.2	91.6	84.1	90.1	1970	110.4	111.0	112.1	111.0	106.2
1953	87.4	106.2	87.4	84.8	92.6	1971	114.0	112.9	114.5	114.1	115.2
1954	87.6	104.7	88.9	85.0	91.3	1972	119.1	125.0	120.8	117.9	118.6
1955	87.8	98.2	85.0	86.9	91.2	1973	134.7	176.3	148.1	125.9	134.3
1956	90.7	96.9	84.9	90.8	94.0	1974	160.1	187.7	170.9	153.8	208.3
1957	93.3	99.5	87.4	93.3	99.1	1975	174.9	186.7	182.6	171.5	245.1
1958	94.6	103.9	91.8	93.6	95.3	1976	183.0	191.0	178.0	182.4	265.6
1959	94.8	97.5	89.4	95.3	95.3	1977	194.2	192.5	186.1	195.1	302.2
1960	94.9	97.2	89.5	95.3	96.1	1978	209.3	212.5	202.6	209.4	322.5
1961	94.5	96.3	91.0	94.8	97.2	1979	235.6	241.4	222.5	236.5	408.1
1962	94.8	98.0	91.9	94.8	96.7	1980	268.8	249.4	241.2	274.8	574.0
1963	94.5	96.0	92.5	94.7	96.3	1981	293.4	254.9	248.7	304.1	694.5
1964	94.7	94.6	92.3	95.2	93.7	1982	299.3	242.4	251.5	312.3	693.2
1965	96.6	98.7	95.5	96.4	95.5	1983	303.1	248.2	255.9	315.7	664.7
1966	99.8	105.9	101.2	98.5	97.8	1984	310.3	255.8	265.0	322.6	656.8
1967	100.0	100.0	100.0	100.0	100.0	1985, June	309.5	229.4	258.8	325.2	645.7

[1] Fuels, related products, and power.

Source of tables 787 and 788: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 789. Producer Price Indexes, for Selected Commodities: 1970 to 1985

[1967=100, except as noted. See text, p. 467, and *Historical Statistics, Colonial Times to 1970*, series E 23-29]

COMMODITY GROUP	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, June
All commodities [1]	110.4	174.9	183.0	194.2	209.3	235.6	268.8	293.4	299.3	303.1	310.3	309.5
Farm products and processed foods and feeds	111.7	184.2	183.1	188.8	206.6	229.8	244.7	251.5	248.9	253.9	262.4	249.1
Farm products [1]	111.0	186.7	191.0	192.5	212.5	241.4	249.4	254.9	242.4	248.2	255.8	229.4
Fresh and dried fruits, vegetables	111.6	183.7	178.4	192.2	216.5	229.0	238.6	267.3	253.7	262.1	278.1	254.0
Grains	98.8	223.9	205.9	165.0	182.5	214.8	239.0	248.4	210.9	240.4	239.7	212.7
Livestock	116.7	187.9	173.3	173.0	220.1	260.3	252.7	248.0	257.8	243.1	251.8	226.7
Live poultry	99.5	189.8	186.9	175.4	199.8	194.3	202.1	201.2	191.9	206.5	240.6	223.6
Plant and animal fibers	90.2	153.1	233.9	202.3	193.4	209.9	271.1	242.0	202.9	227.0	228.4	199.1
Fluid milk	115.3	180.2	201.2	202.8	219.7	250.1	271.2	287.4	282.5	282.0	278.3	259.6
Eggs	126.8	159.8	179.1	162.0	158.6	176.5	171.0	187.1	178.7	(NA)	210.8	147.7
Hay, hayseeds, and oilseeds	99.4	200.2	210.4	234.2	215.8	244.3	247.1	274.1	212.8	246.6	256.3	210.7
Processed foods and feeds [1]	112.1	182.6	178.0	186.1	202.6	222.5	241.2	248.7	251.5	255.9	265.0	258.8
Cereal and bakery products	107.7	178.0	172.1	173.4	190.3	210.3	236.0	255.5	253.8	261.0	270.5	278.7
Meats, poultry, and fish	115.8	191.0	181.6	182.0	217.1	242.0	243.1	246.2	257.6	249.0	254.4	239.9
Dairy products	111.2	155.8	168.5	173.4	188.4	211.2	230.6	245.6	248.9	250.6	251.7	249.4
Processed fruits and vegetables	110.6	169.8	170.2	187.4	202.6	221.9	228.7	261.2	274.5	277.4	294.3	300.7
Sugar and confectionery	115.8	254.3	190.9	177.4	197.8	214.7	322.5	275.9	269.7	292.8	301.2	294.7
Beverages and beverage materials	113.0	162.4	173.5	201.0	200.0	210.7	233.0	248.0	256.9	263.6	273.1	274.4
Animal fats and oils	140.4	341.8	210.2	267.0	291.2	320.6	279.2	299.1	303.0	306.1	389.2	320.8
Crude vegetable oils	121.0	208.1	162.5	197.5	219.2	243.7	202.8	185.4	159.6	194.2	262.2	266.4
Shortening and cooking oils	111.9	211.5	174.2	198.1	209.4	223.5	233.2	238.0	234.4	254.7	311.6	307.6
Miscellaneous processed foods	113.1	178.4	174.7	190.0	199.0	216.5	227.2	250.1	248.6	254.8	278.0	283.7
Prepared animal feeds	103.7	172.1	194.4	204.6	197.4	219.4	226.8	230.2	211.3	228.8	220.5	184.3
Industrial commodities	110.0	171.5	182.4	195.1	209.4	236.5	274.8	304.1	312.3	315.7	322.6	325.2
Textile products and apparel	107.1	137.9	148.2	154.0	159.8	168.7	183.5	199.7	204.6	205.1	210.0	210.2
Synthetic fibers [2]	(NA)	(NA)	102.4	107.3	109.6	119.0	134.7	156.3	162.1	156.7	159.6	156.6
Processed yarns, threads [2]			99.5	100.9	102.4	109.2	122.5	138.0	136.3	138.5	142.8	141.0
Gray fabrics [2]			106.1	104.7	118.6	127.1	138.1	146.8	145.3	147.0	153.7	151.7
Finished fabrics [2]			101.1	103.7	103.8	107.4	115.7	125.2	124.6	123.1	126.7	125.6
Apparel	110.8	133.4	139.9	147.3	152.4	160.4	172.4	186.0	194.4	197.4	201.3	203.8
Textile housefurnishings	103.5	151.9	159.3	171.3	178.6	190.4	206.9	226.7	238.5	235.1	238.9	239.9
Hides, skins, leather, related products [1]	110.3	148.5	167.8	179.3	200.0	252.4	248.9	260.9	262.6	271.1	286.3	285.2
Cattle hides	106.6	181.5	273.8	300.9	390.1	593.8	366.8	366.3	350.7	385.1	504.4	427.5
Leather	107.7	151.5	188.1	201.0	238.6	356.7	310.6	319.8	311.4	330.7	372.3	349.7
Footwear	113.3	147.8	158.9	168.7	183.0	218.0	233.1	240.9	245.0	250.1	251.7	257.5
Fuels, related products, power	106.2	245.1	265.6	302.2	322.5	408.1	574.0	694.5	693.2	664.7	656.8	645.7
Coal	150.3	385.8	368.7	389.4	430.0	450.9	467.3	497.2	534.7	537.4	546.5	547.2
Coke oven products	127.4	330.8	346.8	379.4	411.8	429.2	430.6	456.4	461.7	444.6	436.4	429.2
Gas fuels	103.6	216.7	286.8	387.8	428.7	544.1	760.7	939.4	1,060.8	1,146.9	1,109.0	1,049.5
Electric power	105.9	193.4	207.6	232.9	250.6	270.2	321.6	367.2	405.5	417.9	439.9	460.5
Crude petroleum, domestic	106.1	245.7	256.6	274.2	300.1	376.5	556.4	803.5	733.4	681.4	669.8	620.2
Petroleum products, refined	101.0	257.5	276.6	308.2	321.0	444.8	674.7	805.9	761.2	684.3	665.1	654.4
Chemicals and allied products [1]	102.2	181.3	187.2	192.8	198.8	222.3	260.3	287.6	292.3	293.0	300.8	303.4
Industrial chemicals	100.9	206.9	219.3	223.9	225.6	264.0	324.0	363.3	352.6	342.9	341.3	336.9
Prepared paint	112.4	166.9	174.4	182.4	192.3	204.4	235.3	249.8	262.8	264.7	272.5	278.0
Paint materials	101.4	177.2	189.8	205.9	212.7	241.2	273.9	300.1	304.6	305.8	329.7	338.9
Drugs and pharmaceuticals	101.2	126.6	134.0	140.5	148.1	159.4	174.5	193.5	210.1	226.1	240.0	255.2
Fats and oils, inedible	132.8	255.2	249.9	279.0	315.8	376.6	298.0	295.6	267.1	285.6	371.4	298.4
Agricultural chemicals and products	88.5	203.6	188.3	187.8	198.4	214.4	257.1	285.0	292.4	280.5	284.8	282.2
Plastic resins and materials	90.6	180.9	194.0	197.5	199.8	235.9	279.2	289.2	283.4	291.5	308.6	309.1
Rubber and plastic products [1]	108.3	150.2	159.2	167.6	174.8	194.3	217.4	232.6	241.4	243.2	246.8	246.1
Crude rubber	101.6	145.6	161.0	171.7	187.2	221.4	264.3	281.8	278.9	280.8	276.8	271.0
Tires and tubes	109.0	148.5	161.5	169.6	179.2	205.9	236.9	250.6	255.2	245.3	242.1	237.7
Miscellaneous rubber products	113.3	155.9	163.9	176.8	189.6	206.4	226.6	251.4	276.9	284.8	290.6	294.4
Plastic construction products [3]	97.2	123.9	127.2	133.2	136.4	147.5	154.2	154.8	148.5	163.6	171.5	162.7
Laminated plastic sheets, high pressure [4]	(NA)	124.6	131.1	141.1	146.4	158.8	173.7	188.8	186.2	179.3	187.0	188.5
Lumber and wood products	113.6	176.9	205.6	236.3	276.0	300.4	288.9	292.8	284.7	307.1	307.4	313.8
Lumber	113.7	192.5	233.0	276.5	322.4	354.3	325.8	325.1	310.8	352.6	349.8	364.4
Millwork	116.0	160.4	176.9	193.7	235.4	254.3	260.4	273.4	279.4	302.3	307.8	312.3
Plywood	108.4	161.2	187.0	212.2	235.6	250.5	246.5	245.7	232.1	244.1	241.6	237.3
Other wood products	117.3	161.9	166.2	184.3	211.8	235.4	249.2	239.1	236.2	230.6	234.5	235.7
Pulp, paper, and allied products	108.2	170.4	179.4	186.4	195.6	219.0	249.2	273.8	288.7	298.1	318.5	327.0
Pulp, paper, and products, except building paper and board	108.5	171.9	180.8	187.3	195.6	220.2	250.6	270.8	273.2	271.4	293.3	292.9
Woodpulp	109.6	283.4	286.0	281.1	266.5	314.3	380.3	397.1	379.0	346.9	397.2	346.1
Wastepaper	125.0	110.2	184.9	187.2	191.2	206.6	208.7	175.7	121.1	(NA)	240.1	141.6
Paper	111.0	172.9	182.3	194.3	206.1	229.6	256.8	279.8	286.3	282.0	302.9	304.7
Paperboard	101.1	170.3	176.0	176.2	179.6	202.1	234.6	258.1	254.9	250.9	281.5	276.2
Converted paper and paperboard products	107.9	161.8	170.0	176.6	186.5	209.9	238.5	258.8	264.4	265.3	281.2	289.0
Building paper and board	101.0	127.1	138.7	157.0	187.4	182.4	206.2	231.7	239.5	250.0	259.0	261.1

See footnotes at end of table.

No. 789. Producer Price Indexes, for Selected Commodities: 1970 to 1985—Continued

[1967=100, except as noted. See headnote, p. 472]

COMMODITY GROUP	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, June
Metals and metal products	**116.6**	**185.6**	**195.9**	**209.0**	**227.1**	**259.3**	**286.4**	**300.4**	**301.6**	**307.2**	**316.1**	**315.1**
Iron and steel	115.1	200.9	215.9	230.4	253.6	283.5	305.2	333.8	339.0	343.4	356.9	354.9
Steel mill products	114.2	197.2	209.8	229.9	254.5	280.4	302.7	337.6	349.5	352.8	366.0	366.9
Nonferrous metals	124.7	171.6	181.6	195.4	207.8	216.7	305.0	285.8	263.6	276.1	277.1	263.9
Metal containers	112.6	192.1	202.2	218.2	243.4	269.2	298.6	315.6	328.5	335.4	350.0	358.2
Hardware	111.5	163.0	173.1	185.4	200.4	218.7	240.5	263.2	280.3	290.7	296.9	304.8
Plumbing fixtures, brass fittings	111.2	162.3	174.1	186.6	199.1	217.1	246.7	267.5	278.7	289.3	302.7	313.1
Heating equipment	110.6	150.7	158.0	165.5	174.4	187.1	206.7	224.2	237.2	243.6	252.9	259.6
Fabricated structural metal products	112.0	189.0	193.8	206.7	226.4	248.9	270.5	295.5	304.8	303.5	310.7	314.8
Miscellaneous metal products	114.3	181.1	186.9	196.2	212.0	231.4	250.5	270.5	282.3	283.6	295.3	302.5
Machinery and equipment	**111.4**	**161.4**	**171.0**	**181.7**	**196.1**	**213.9**	**239.8**	**263.3**	**278.8**	**286.4**	**293.1**	**299.1**
Agricultural	113.2	168.6	183.0	197.9	213.1	232.1	259.2	288.3	311.1	326.3	336.1	339.5
Construction	115.9	185.2	198.9	213.5	232.9	256.2	289.4	320.8	343.9	351.9	357.0	362.0
Metalworking	114.1	171.6	187.2	198.5	217.8	241.3	274.4	301.3	320.9	326.5	334.0	341.6
General purpose	113.7	178.5	189.8	201.8	216.6	236.4	264.6	288.7	304.0	308.2	314.1	321.9
Special industry	115.7	175.0	188.4	202.7	223.0	247.0	275.8	307.9	325.1	337.1	348.7	359.7
Electrical	106.4	140.7	146.7	154.1	164.9	178.9	201.7	220.2	231.6	240.1	248.7	253.8
Miscellaneous	112.8	162.3	171.9	180.7	194.7	208.9	229.9	252.6	268.4	274.1	274.4	278.1
Furniture and household durables [1]	**107.5**	**139.7**	**145.6**	**151.5**	**160.4**	**171.3**	**187.7**	**198.5**	**206.9**	**214.0**	**218.7**	**221.5**
Household furniture	111.7	146.3	153.6	162.2	173.5	186.3	204.8	219.2	229.8	234.7	242.1	250.3
Commercial furniture	114.5	166.7	173.5	185.9	201.5	221.8	236.0	257.5	275.5	286.3	297.1	307.1
Floor coverings	99.4	124.9	131.4	136.4	141.6	147.9	163.0	178.7	181.2	185.4	191.2	190.5
Household appliances	105.3	132.3	139.2	145.1	153.0	160.9	174.2	187.3	199.1	206.9	211.0	212.6
Home electronic equipment	93.3	93.5	91.3	87.7	90.2	91.1	91.4	89.2	88.1	86.1	83.8	79.4
Nonmetallic mineral products [1]	**112.9**	**174.0**	**186.3**	**200.5**	**222.8**	**248.6**	**283.0**	**309.5**	**320.2**	**325.2**	**337.3**	**348.5**
Flat glass	115.6	139.2	150.0	160.8	172.8	183.9	196.5	212.6	221.5	229.7	224.5	221.3
Concrete ingredients	112.6	172.3	186.7	199.0	217.7	244.0	274.0	296.3	310.0	313.3	325.7	339.5
Concrete products	112.2	170.5	180.1	191.8	214.0	244.1	273.9	291.2	297.8	302.0	309.6	321.5
Structural clay products	109.9	151.2	163.5	179.8	197.2	217.9	231.5	249.8	260.8	277.8	286.8	295.7
Refractories	120.9	166.0	184.0	199.5	216.5	236.5	264.6	302.4	337.1	341.3	361.2	372.3
Asphalt roofing	102.7	225.9	238.3	253.0	292.0	325.3	396.8	407.5	398.4	384.0	399.5	411.7
Gypsum products	99.7	144.0	154.4	183.5	229.1	252.3	256.3	256.2	256.1	286.0	346.7	338.1
Glass containers	120.4	179.7	195.4	214.2	244.4	261.1	292.7	328.7	355.5	352.4	360.7	374.4
Transportation equipment [1 5]	**104.6**	**141.5**	**151.1**	**161.3**	**173.5**	**188.1**	**207.0**	**235.4**	**249.7**	**256.7**	**262.7**	**269.4**
Motor vehicles and equipment	108.7	144.6	153.8	163.7	176.0	190.5	208.8	237.6	251.3	256.8	261.5	267.7
Motor vehicles	107.3	137.5	146.4	155.7	167.7	181.6	197.7	216.6	227.1	232.5	237.8	245.5
Railroad equipment	115.1	201.2	218.7	233.5	252.8	277.3	313.1	336.1	346.5	350.2	355.5	362.6
Miscellaneous products [1]	**109.9**	**147.7**	**153.7**	**164.3**	**184.3**	**208.7**	**258.8**	**265.7**	**276.4**	**289.6**	**295.9**	**300.9**
Toys, sporting goods, small arms, etc	109.3	146.0	150.0	155.2	163.2	176.2	198.6	211.9	221.5	225.2	227.1	229.9
Tobacco products	113.6	149.6	163.0	179.8	198.5	217.8	245.7	268.3	323.1	365.4	398.4	420.7
Notions	108.4	151.0	162.3	172.4	182.0	191.8	217.2	259.8	277.0	280.1	283.2	285.6
Photographic equipment and supplies	104.9	130.6	136.2	139.9	145.7	153.7	202.9	210.0	210.4	215.7	214.6	215.8

NA Not available. [1] Includes other product groups, not shown separately. [2] Dec. 1975=100. [3] Dec. 1969=100. [4] Dec. 1970=100. [5] Dec. 1968=100.

Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes,* monthly and annual.

No. 790. Producer Price Indexes—Annual Percent Change in Selected Commodity Groups: 1973 to 1985

[Minus sign (−) indicates decrease]

COMMODITY GROUP	1973 [1]	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985 [2]
All commodities	**13.1**	**18.9**	**9.2**	**4.6**	**6.1**	**7.8**	**12.6**	**14.1**	**9.2**	**2.0**	**1.3**	**2.4**	**−.6**
Farm products	41.0	6.5	−.5	2.3	.8	10.4	13.6	3.3	2.2	−4.9	2.4	3.1	−10.8
Processed foods, feeds	22.6	15.4	6.8	−2.5	4.6	8.9	9.8	8.4	3.1	1.1	1.7	3.6	−2.3
Textile products, apparel	9.0	12.4	−.9	7.5	3.9	3.8	5.6	8.8	8.8	2.5	0.2	2.4	−(z)
Hides, skins, leather, related products	9.0	1.4	2.3	13.0	6.9	11.5	26.2	−1.4	4.8	.7	3.2	5.6	−1.8
Fuels, related products, power	13.2	55.1	17.7	8.4	13.8	6.7	26.5	40.7	21.0	−.2	−4.1	−1.2	−3.3
Chemicals, allied products	5.6	33.5	23.5	3.3	3.0	3.1	11.8	17.1	10.5	1.6	.2	2.7	.3
Rubber and plastic products	2.8	21.2	10.3	6.0	5.3	4.3	11.2	11.9	7.0	3.8	.7	1.5	−.5
Lumber and wood products	22.8	3.6	−3.6	16.2	14.9	16.8	8.8	−3.8	1.3	−2.8	7.9	.1	2.2
Pulp, paper, and allied products	7.7	24.2	12.3	5.3	3.9	4.9	12.0	13.8	9.9	5.4	3.3	6.8	3.0
Metals and metal products	7.5	29.4	8.0	5.5	6.7	6.7	14.2	10.5	4.9	.4	1.9	2.9	−.7
Machinery and equipment	3.2	14.5	15.8	5.9	6.3	7.9	9.1	12.1	9.8	5.9	2.7	2.3	2.0
Furniture and household durables	3.4	11.0	9.2	4.2	4.1	5.9	6.8	9.6	5.8	4.2	3.4	2.2	1.0
Nonmetallic mineral products	3.3	17.7	13.6	7.1	7.6	11.1	11.6	13.8	9.4	3.5	1.6	3.7	3.0
Transportation equipment	1.2	9.0	12.7	6.8	6.8	7.6	8.4	10.0	13.7	9.8	2.8	2.3	2.6

Z Less than .05 percent. [1] Change from 1972. [2] Change from June 1984 to June 1985.

Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes,* monthly and annual.

No. 791. Producer Prices of Selected Commodities: 1970 to 1982

[**In dollars per unit.** Annual averages of monthly figures. See *Historical Statistics, Colonial Times to 1970*, series E 123-134, for selected items]

Commodity	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982, Jan.–May, avg.
Farm products:										
Wheat, hard winter, No. 1, Kansas City	Bu	1.48	3.81	3.34	2.53	3.17	3.98	4.30	4.33	4.30
Steers, choice	100 lb	30.04	44.36	39.27	40.28	52.26	67.69	67.20	63.84	66.50
Cotton, raw	Lb	.25	.45	.68	.61	.58	[1].63	.82	.72	.60
Wool, combing and staple	Lb	1.03	1.49	[1]1.82	1.83	1.90	2.16	(NA)	(NA)	(NA)
Eggs, large	Doz	.43	.62	.70	.63	.62	.69	.67	.73	.74
Corn, No. 2 yellow, Chicago	Bu	1.37	2.90	2.70	2.21	2.56	2.91	3.32	3.16	2.67
Sugar, raw cane	100 lb	8.09	23.00	13.49	10.69	13.84	15.27	30.06	19.84	17.96
Processed foods:										
Flour, Kansas City	100 lb	5.57	9.37	[2]8.31	6.23	7.48	9.27	10.08	10.34	(NA)
Sugar, granulated (excl. excise tax)	5 lb	(NA)	1.67	1.03	.92	1.09	1.17	2.16	1.64	(NA)
Coffee, tin	Lb	.95	1.30	2.01	3.52	2.89	2.78	2.93	(NA)	(NA)
Lard, 1 and 2 lb. prints	Lb	.17	.36	.24	.24	.34	.40	.37	(NA)	(NA)
Beef, choice	100 lb	48.93	74.93	63.96	65.03	83.12	103.01	106.79	(NA)	(NA)
Lamb, choice	100 lb	(NA)	84.45	102.15	107.29	126.05	133.53	133.30	(NA)	(NA)
Shrimp, fresh processed	Lb	(NA)	2.69	3.63	3.40	3.61	[2]5.16	4.53	(NA)	(NA)
Salmon, No. 1, tall can	Case/48	(NA)	69.92	69.00	68.50	65.17	67.59	77.74	84.87	(NA)
Haddock, unprocessed	100 lb	(NA)	54.46	58.79	68.79	57.33	64.68	66.27	68.76	93.01
Textile products:										
Polyester/cotton yarns, 18's	Lb	(NA)	(NA)	1.40	1.40	1.39	1.41	1.74	1.80	1.70
Polyester twill, textured	Yd	(NA)	(NA)	1.78	1.42	1.46	1.39	1.40	(NA)	(NA)
Hides, leather, and shoes:										
Cattlehides, packer, heavy native[3]	Lb	.13	.23	.34	.37	.47	.73	.46	(NA)	(NA)
Lamb garment leather	Sq. ft	.39	.72	[2].76	.92	1.05	[2]1.40	1.18	(NA)	(NA)
Oxfords, Goodyear leather upper, sole	Pair	13.49	16.84	17.93	19.00	20.77	25.85	(NA)	(NA)	(NA)
Fuels, related products, power:										
Electric Power, E. No. Central	200,000 kWh	(NA)	5,281	5,675	6,276	6,989	7,661	8,834	9,962	10,660
Gasoline, unleaded[4]	Gal	(NA)	(NA)	(NA)	(NA)	.47	.64	.98	1.12	1.04
Gasoline, regular[4]	Gal	(NA)	.35	.39	.42	.44	.60	.93	1.07	.98
Gasoline, premium[4]	Gal	(NA)	(NA)	.42	.45	.48	.65	.99	1.14	1.08
Distillate fuel oil, No. 2, to resellers	Gal	(NA)	.29	.31	.36	.37	.53	.78	1.00	.94
Chemicals and allied products:										
Aspirin	Lb	.58	1.00	1.08	1.14	1.20	1.28	1.43	1.65	(NA)
Paint, outside	Gal	[2]5.67	9.56	9.41	9.47	9.91	10.61	12.22	(NA)	(NA)
Paint, inside, latex	Gal	(NA)	6.57	6.82	7.19	7.61	7.86	8.99	(NA)	10.16
Rubber and rubber products:										
Natural rubber, No. 1 ribbed[5]	Lb	.21	.30	.40	.42	.50	.64	.73	.57	.47
Synthetic rubber, neoprene, GN type	Lb	.43	.64	.69	.70	.77	.82	.97	(NA)	(NA)
Lumber and wood products:										
Softwood plywood, interior	1,000 sq. ft	(NA)	139	145	163	192	201	191	(NA)	(NA)
Redwood boards, clear, f.g. dry	M. bd. ft	(NA)	506	505	603	805	979	1,036	(NA)	(NA)
Maple, No. 1, common	M. bd. ft	(NA)	230	230	274	308	351	354	(NA)	(NA)
Southern pine, finish, C and better	M. bd. ft	(NA)	317	342	396	499	547	564	(NA)	(NA)
Pulp, paper, and allied products:										
Woodpulp, sulphate, bleached[6]	Ton	131	336	338	331	307	368	452	473	478
Book paper, No. 3 uncoated	100 lb	21.57	24.25	25.28	26.68	29.58	33.63	37.53	(NA)	(NA)
Liner, 100 lb. test	1,000 sq. ft	2.55	4.32	4.39	4.29	4.31	4.94	5.81	(NA)	(NA)
Toilet tissue	Case	9.07	15.62	[1]16.86	18.20	19.52	21.78	25.00	(NA)	(NA)
Metal and metal products:										
Iron ore, Mesabi	Long ton	10.78	17.83	19.38	20.95	21.55	22.43	26.56	29.18	(NA)
Iron and steel scrap, No. 1 heavy melting[7]	Long ton	42.04	70.92	79.13	66.96	78.29	101.48	96.17	100.51	81.90
Steel rails, standard[8]	100 lb	6.80	12.72	14.17	15.17	16.90	18.80	21.35	23.70	(NA)
Domestic copper, cathode	Lb	(NA)	.64	.69	.66	(NA)	.91	(NA)	(NA)	(NA)
Red brass ingot	Lb	.56	.65	.70	.70	.73	.93	1.07	(NA)	(NA)
Aluminum sheet	Lb	(NA)	1.00	1.07	1.17	1.40	1.71	1.78	1.92	(NA)
Nails, wire, 8d, common	50 lb	(NA)	10.67	10.74	11.52	12.06	13.16	14.63	15.85	(NA)
Nonmetallic mineral products:										
Brick, building	1,000	(NA)	56.09	62.76	72.32	82.68	92.80	99.04	116.52	118.78
Glass, window, single B	50 sq. ft	6.60	8.93	9.02	9.76	10.84	(NA)	12.16	(NA)	(NA)
Shingles, asphalt roofing, strip	Square	(NA)	13.24	14.04	14.95	17.52	[2]19.20	22.66	20.86	19.98
Miscellaneous:										
Cigarettes, filter tip, king size[9]	1,000	5.86	7.75	8.45	9.42	10.43	11.44	12.93	14.20	15.90
Soybean meal	Ton	79.08	123.65	161.54	190.58	172.54	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] 10-month average. [2] 11-month average. [3] Steer. [4] Dealer tankwagon. [5] Smoked sheets. [6] Softwood. [7] Consumers' buying price, including brokerage, delivered, Pittsburgh district. [8] Standard, carbon steel, No. 1 open hearth, 115 lb. per linear yard, control cooled, f.o.b. mill. [9] Excludes excise tax.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

NO. 792. AVERAGE PRICES (UNIT VALUES)—SELECTED COMMODITIES EXPORTED AND IMPORTED: 1970 TO 1984

[**In dollars per unit.** Includes trade of Puerto Rico with foreign countries. Unit values obtained by dividing annual values of domestic exports and imports by annual quantities. Values of goods exported represent those at port of export. For 1970, values of goods imported represent market values in country from which imported; transaction values f.a.s. (free alongside ship) at port of export through 1981; and customs value beginning in 1982. Unit values may show actual price movements only roughly for commodities subject to considerable price variations among different grades, methods of packing, etc., and to year-to-year variations in proportions of grades, etc. Unit values of agricultural exports also include effects of Commodity Credit Corporation sales for export]

COMMODITY	Unit	1970	1975	1979	1980	1981	1982	1983	1984
EXPORTS									
Wheat	Bushel	1.58	4.54	4.29	4.85	4.86	4.46	4.41	4.17
Milled rice, less than 75% broken kernels	Lb	.079	.189	.180	.197	.240	.189	.188	.187
Corn	Bushel	1.45	3.36	2.99	3.41	3.68	2.91	3.40	3.63
Grain sorghums	Bushel	1.32	3.05	2.87	3.34	3.65	2.92	3.36	3.17
Wheat flour	100 lb	3.85	10.34	11.01	12.17	12.75	11.26	6.89	11.09
Leaf tobacco, flue-cured, unstemmed	Lb	.921	1.46	2.06	2.11	2.40	2.62	2.70	2.82
Cigarettes	1,000	5.45	7.38	11.40	12.87	14.88	16.78	18.55	19.82
Soybeans	Bushel	2.80	6.24	7.43	7.35	7.71	6.64	7.09	7.57
Synthetic rubber, "s" type [1]	Lb	.177	.283	.418	.402	.473	.457	.439	.444
Woodpulp, special alpha and dissolving grades	Sh. ton	187.40	296.97	448.78	511.57	534.96	518.93	503.64	511.45
Cotton, upland, staple 1" to 1⅛"	Lb	.259	.542	.670	.706	.805	.637	.688	.744
Cotton, upland, staple, 1⅛" and over	Lb	.308	.601	.754	.817	.872	.741	.745	.796
Bituminous coal	Sh. ton	13.40	49.23	51.37	40.37	52.67	56.39	49.29	50.63
Steel scrap, No. 1, heavy melting	Sh. ton	43.37	84.53	100.05	102.20	87.84	73.85	74.45	86.41
Tallow, inedible	Lb	.087	.162	.245	.218	.213	.195	.183	.229
Soybean oil, crude	Lb	.122	.332	.291	.269	.240	.216	.222	.309
Carbon steel sheets, cold rolled	Lb	.077	.175	.170	.184	.227	.245	.236	.279
Polyethylene resin	Lb	.134	.257	.368	.423	.401	.340	.341	.378
Styrene, polymer, and copolymer resins	Lb	.193	.343	.501	.576	.645	.662	.668	.706
Container board liners	Lb	.062	.126	.132	.156	.167	.144	.128	.153
Nylon yarn, incl. monofilaments	Lb	.953	1.15	1.43	1.41	1.57	1.54	1.49	1.24
Carbon black, furnace	Lb	.090	.167	.306	.331	.419	.524	.584	.607
Copper, refined, crude forms	Lb	.671	.654	.790	.974	.806	.680	.739	.689
Aluminum metal and alloys	Lb	.263	.361	.659	.807	.822	.751	.890	.901
IMPORTS									
Canned beef	Lb	.425	.724	1.11	1.44	1.45	1.15	1.14	1.04
Cashew nuts	Lb	.599	.846	1.46	2.02	2.30	1.61	1.59	2.12
Raw sugar	Lb	.070	.245	.101	.223	.212	.153	.176	.188
Coffee (Brazil)	Lb	.474	.679	1.55	1.87	1.56	1.25	1.24	1.31
Coffee (Colombia)	Lb	.535	.683	1.53	1.70	1.37	1.40	1.29	1.37
Cocoa (cacao beans, Africa)	Lb	.352	.670	1.57	1.26	.854	.815	.732	.920
Tea (Sri Lanka)	Lb	.390	.582	.841	.858	.814	.764	.980	1.37
Whisky, containers of 1 gal. or less (U.K.)	Proof gal	7.48	8.22	11.17	13.58	16.25	16.78	16.33	16.49
Whisky, containers of 1 gal. or less (Canada)	Proof gal	6.70	7.60	8.71	9.99	11.89	12.94	13.06	13.56
Cigarette leaf, unstemmed	Lb	.568	1.03	1.24	1.27	1.24	1.43	1.54	1.52
Goat and kid skins, dry	Lb	1.06	1.26	2.83	5.10	2.51	2.26	2.33	1.86
Crude rubber, except milk	Lb	.189	.238	.529	.588	.512	.367	.423	.454
Sawed lumber, fir	Mil. bd. ft	71.13	137.64	253.50	255.12	195.40	170.18	212.01	187.43
Sawed lumber, spruce	Mil. bd. ft	73.98	132.55	222.58	192.25	187.26	163.15	194.55	184.51
Woodpulp, sulphite, bleached, exc. rayon and special chemical grades	Sh. ton	142.90	323.72	363.72	443.79	464.60	449.18	416.88	418.24
Woodpulp, sulphate, bleached	Sh. ton	143.68	353.41	346.41	431.74	419.30	377.23	338.61	412.41
Apparel wool, 60's and finer [2]	Lb	.879	1.59	1.80	1.70	1.93	1.78	1.57	1.51
Iron ore (Canada)	Ton	12.42	22.15	30.18	33.61	37.72	38.82	38.44	37.05
Iron ore (Venezuela)	Ton	8.33	15.64	19.21	22.48	27.76	33.64	34.97	22.92
Manganese ore, metallurgical grade [3]	Lb	.020	.050	.055	.069	.070	.086	.056	.019
Bauxite, crude	Ton	10.91	20.67	26.78	27.81	28.81	33.14	29.17	30.26
Copper ores and concentrates [3]	Lb	.617	.566	.800	.700	.728	.557	.485	.623
Crude petroleum [4] (Venezuela)	Bbl	2.30	11.66	17.18	27.64	33.54	33.84	27.78	28.57
Newsprint	Sh. ton	140.11	244.10	321.50	368.98	411.50	420.88	398.52	417.99
Jute burlap	Lb	.230	.294	.350	.379	.378	.482	.470	.516
Concrete reinforcement bars	Lb	.051	.092	.140	.150	.146	.123	.094	.101
Steel tubes and pipes, at least .065" thick, ¾" diameter	Lb	.075	.208	.204	.233	.300	.306	2.04	.210
Copper, refined (Chile) [3]	Lb	.630	.531	.848	.986	.786	.664	.708	.816
Nickel in pigs, ingots, shot, etc.	Lb	1.30	1.88	2.34	3.17	3.06	2.81	2.33	2.31
Tin bars, blocks, pigs, etc. (Malaysia)	Lb	1.66	3.35	6.65	7.75	6.67	5.89	6.00	5.52

[1] Excludes latex (liquid). [2] Clean content. [3] Metal content. [4] Testing 25° API or more.

Source: U.S. Bureau of the Census, *U.S. Exports, Schedule B Commodity, By Country,* Report FT 446, annual; and *U.S. Imports for Consumption and General Imports, TSUSA Commodity by Country,* Report FT 246, annual.

No. 793. Import Price Indexes—Selected Commodities: 1980 to 1985

[Index values are given for the **June quarter** of each year. Indexes are weighted by the 1980 Tariff Schedule of the United States Annotated, a scheme for describing and reporting product composition and value of U.S. imports. Import prices are based on U.S. dollar prices paid by importer. Prices are f.o.b. (free on board) foreign port or c.i.f. (cost, insurance and freight) U.S. port transaction prices, as indicated]

COMMODITY	Unit	1980	1981	1982	1983	1984	1985, June
All commodities	**Sept. 1982=100**	(NA)	(NA)	**99.8**	**97.3**	**95.7**	**93.0**
Food	Sept. 1977=100	107.0	96.5	96.7	100.4	98.1	96.8
Meat	June 1977=100	165.2	144.0	143.4	134.1	132.3	118.2
Dairy products and eggs	June 1981=100	(NA)	102.1	102.4	99.6	98.4	97.9
Fish	June 1977=100	131.9	133.2	135.4	136.0	133.9	129.4
Bakery goods [1]	Sept. 1977=100	138.4	140.5	128.9	132.7	132.8	132.3
Fruits and vegetables	June 1977=100	104.5	125.2	129.9	125.0	117.2	129.4
Sugar, sugar preparations, and honey	Mar. 1982=100	(NA)	(NA)	112.8	117.9	118.5	122.6
Coffee, tea, cocoa	June 1977=100	53.0	51.0	50.6	59.6	58.4	56.0
Beverages and tobacco	June 1977=100	142.5	150.4	154.3	155.4	156.3	157.1
Fats and oils	Sept. 1983=100	(NA)	(NA)	(NA)	100.4	114.9	76.7
Chemicals and related products	Sept. 1982=100	(NA)	(NA)	100.1	99.5	97.1	95.0
Intermediate manufactured products	Dec. 1977=100	147.5	143.2	132.4	137.3	136.8	132.4
Leather and furskins	June 1977=100	144.7	144.3	134.6	137.6	140.4	133.3
Rubber manufactures, n.e.s. [2]	June 1977=100	144.0	147.7	146.0	141.1	140.5	138.6
Cork and wood manufactures	June 1977=100	132.4	128.6	122.6	134.7	126.1	121.2
Paper and paperboard products	June 1977=100	135.3	148.3	143.2	147.0	157.5	157.2
Textiles	June 1977=100	136.8	134.4	126.9	128.5	132.9	127.5
Non-metallic mineral manufactures, n.e.s. [2]	June 1977=100	161.6	154.3	156.9	166.4	159.4	151.8
Iron and steel	Sept. 1978=100	123.7	134.4	117.4	119.5	123.7	120.1
Non-ferrous metals	Dec. 1981=100	(NA)	100.0	86.0	94.8	87.3	82.3
Copper	June 1977=100	122.5	118.3	95.1	101.1	93.9	97.6
Zinc	June 1977=100	103.1	122.9	104.2	124.4	124.0	122.0
Tin, c.i.f	Dec. 1977=100	132.2	128.8	99.1	106.4	99.0	98.0
Machinery and transport equipment	June 1981=100	(NA)	103.0	101.7	104.1	102.9	102.5
Metal working machinery	Mar. 1980=100	103.7	99.1	94.0	95.7	93.8	90.6
Electric machinery and equipment	Dec. 1981=100	(NA)	100.0	97.1	95.9	86.4	83.9
Road vehicles and parts	June 1981=100	(NA)	105.4	105.2	109.5	111.3	112.1
Miscellaneous manufactured articles	Mar. 1980=100	100.2	101.0	101.4	100.0	100.0	98.0
Plumbing, heating and lighting fixtures	June 1980=100	101.5	104.1	99.6	108.2	111.6	114.1
Furniture and parts	June 1980=100	101.3	101.5	95.9	94.7	94.3	94.4
Footwear, c.i.f	June 1977=100	140.7	139.8	136.6	136.0	142.5	136.7
Photographic apparatus and supplies [3]	Mar. 1980=100	102.8	100.9	90.6	90.6	91.3	90.7

NA Not available. [1] Includes pasta products, grain and grain preparations. [2] N.e.s.=not elsewhere specified.
[3] Includes optical goods, watches and clocks.

No. 794. Export Price Indexes—Selected Commodities: 1980 to 1985

[Index values are given for **June quarter** of each year. Indexes are weighted by 1980 export values according to the Schedule B classification system of the U.S. Bureau of the Census. Prices used in these indexes were collected from a sample of U.S. manufacturers of exports and are f.o.b. (free on board) factory transaction prices, except as noted]

COMMODITY	Unit	1980	1981	1982	1983	1984	1985, June
All commodities	**Sept. 1983=100**	(NA)	(NA)	(NA)	**99.5**	**98.1**	**97.5**
Food	Mar. 1983=100	(NA)	(NA)	(NA)	106.8	96.5	94.0
Grain and grain preparations	Mar. 1980=100	121.8	97.5	90.4	105.6	92.9	90.3
Feed stuff for animals	Mar. 1983=100	(NA)	(NA)	(NA)	117.4	82.4	68.6
Miscellaneous food products	Mar. 1983=100	(NA)	(NA)	(NA)	101.7	108.4	109.2
Mineral fuels	Sept. 1983=100	(NA)	(NA)	(NA)	99.2	99.7	99.2
Chemicals and related products	Mar. 1983=100	(NA)	(NA)	(NA)	98.6	97.7	96.8
Organic chemicals	Dec. 1983=100	(NA)	(NA)	(NA)	100.0	94.7	96.5
Hydrocarbons, n.e.s. and derivatives, f.a.s.[1]	Dec. 1978=100	173.3	161.7	142.9	154.2	128.1	135.1
Alcohols, phenols, phenol-alcohol,[2] f.a.s.[1]	June 1977=100	145.8	148.1	140.5	134.5	132.8	133.9
Carboxylic acids, f.a.s.[1]	June 1977=100	141.4	153.4	144.4	154.9	152.3	151.6
Fertilizers, manufactured	Mar. 1983=100	(NA)	(NA)	(NA)	96.8	94.8	87.9
Intermediate manufactured products	Sept. 1981=100	(NA)	100.2	98.2	100.0	100.4	99.2
Leather and furskins	Sept. 1979=100	80.2	75.1	65.4	75.8	79.0	79.2
Rubber manufactures	June 1977=100	130.8	142.9	144.3	145.0	148.5	149.0
Paper and paperboard products	June 1978=100	134.2	143.5	135.3	145.5	159.5	151.6
Machinery and transport equipment [3]	Dec. 1978=100	117.2	129.0	134.0	137.0	141.5	143.0
Power generating machinery and equipment	Dec. 1978=100	127.4	144.7	151.6	154.4	167.5	167.4
Internal combustion piston engines, parts	Dec. 1978=100	129.0	146.8	156.7	161.2	166.5	166.6
Mach. specialized for particular industries	Sept. 1978=100	127.2	142.8	147.9	151.1	153.4	156.3
Agricultural machinery and parts [4]	Sept. 1978=100	120.5	134.2	142.8	151.3	153.6	160.7
Tractors fitted with or without power take-offs, winches or pulleys, f.o.b., factory	June 1977=100	145.9	162.4	161.3	166.8	167.8	170.2
Civil engineering and contractors' plant, equipment and parts	June 1977=100	144.3	167.8	171.9	171.5	172.2	174.6
Metal working machinery	June 1978=100	124.1	139.9	146.4	148.7	151.9	155.1
General industrial machines, parts	Sept. 1978=100	123.9	138.2	143.5	145.9	150.2	152.0
Office machines, data, processing equipment	June 1977=100	102.0	107.0	102.9	102.5	101.4	100.0
Telecommunications, sound recording and reproducing equipment	June 1977=100	120.0	125.6	129.6	132.1	134.3	133.3
Electrical machinery, equipment	June 1977=100	102.7	106.3	108.6	109.8	114.6	116.1
Road vehicles and parts	Mar. 1980=100	104.9	116.7	123.8	128.8	131.8	133.9

NA Not available. [1] F.a.s.=free alongside ship. N.e.s.=not elsewhere specified. [2] Includes derivatives.
[3] Excludes military and commercial aircraft. [4] Excludes tractors.

Source of tables 793 and 794: U.S. Bureau of Labor Statistics, *News*, quarterly.

No. 795. Consumer Price Indexes, by Major Groups: 1950 to 1984

[1967=100. Annual averages of monthly figures, except as indicated. Prior to 1965, excludes Alaska and Hawaii. Through 1977 represents buying patterns of wage earners and clerical workers, beginning 1978, reflects buying patterns of all urban consumers in the 1970's. See text, p. 468 for details regarding other periods. See also *Historical Statistics, Colonial Times to 1970*, series E 135-173]

YEAR	All items	FOOD		SHELTER		Fuel oil and coal [1]	Gas and electricity	Apparel and upkeep	TRANSPORTATION		Medical care	All commodities	All services
		Total	Away from home	Total	Rent, residential				Private	Public			
1950	72.1	74.5	(NA)	(NA)	70.4	72.7	81.2	79.0	72.5	48.9	53.7	78.8	58.7
1951	77.8	82.8	(NA)	(NA)	73.2	76.5	81.5	86.1	75.8	54.0	56.3	85.9	61.8
1952	79.5	84.3	(NA)	(NA)	76.2	78.0	82.6	85.3	80.8	57.5	59.3	87.0	64.5
1953	80.1	83.0	(NA)	76.5	80.3	81.5	84.2	84.6	82.4	61.3	61.4	86.7	67.3
1954	80.5	82.8	70.1	78.2	83.2	81.2	85.3	84.5	80.3	65.5	63.4	85.9	69.5
1955	80.2	81.6	70.8	79.1	84.3	82.3	87.5	84.1	78.9	67.4	64.8	85.1	70.9
1956	81.4	82.2	72.2	80.4	85.9	85.9	88.4	85.8	80.1	70.0	67.2	85.9	72.7
1957	84.3	84.9	74.9	83.4	87.5	90.3	89.3	87.3	84.7	72.7	69.9	88.6	75.6
1958	86.6	88.5	77.2	85.1	89.1	88.7	92.4	87.5	87.4	76.1	73.2	90.6	78.5
1959	87.3	87.1	79.3	86.0	90.4	89.8	94.7	88.2	91.1	78.3	76.4	90.7	80.8
1960	88.7	88.0	81.4	87.8	91.7	89.2	96.6	89.6	90.6	81.0	79.1	91.5	83.5
1961	89.6	89.1	83.2	88.5	92.9	91.0	99.4	90.4	91.3	84.6	81.4	92.0	85.2
1962	90.6	89.9	85.4	89.6	94.0	91.5	99.4	90.9	93.0	87.4	83.5	92.8	86.8
1963	91.7	91.2	87.3	90.7	95.0	93.2	99.4	91.9	93.4	88.5	85.6	93.6	88.5
1964	92.9	92.4	88.9	92.2	95.9	92.7	99.4	92.7	94.7	90.1	87.3	94.6	90.2
1965	94.5	94.4	90.9	93.8	96.9	94.6	99.4	93.7	96.3	91.9	89.5	95.7	92.2
1966	97.2	99.1	95.1	96.8	98.2	97.0	99.6	96.1	97.5	95.2	93.4	98.2	95.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.2	103.6	105.2	104.8	102.4	103.1	100.9	105.4	103.0	104.6	106.1	103.7	105.2
1969	109.8	108.9	111.6	113.3	105.7	105.6	102.8	111.5	106.5	112.7	113.4	108.4	112.5
1970	116.3	114.9	119.9	123.6	110.1	110.1	107.3	116.1	111.1	128.5	120.6	113.5	121.6
1971	121.3	118.4	126.1	128.8	115.2	117.5	114.7	119.8	116.6	137.7	128.4	117.4	128.4
1972	125.3	123.5	131.1	134.5	119.2	118.5	120.5	122.3	117.5	143.4	132.5	120.9	133.3
1973	133.1	141.4	141.4	140.7	124.3	136.0	126.4	126.8	121.5	144.8	137.7	129.9	139.1
1974	147.7	161.7	159.4	154.4	130.6	214.6	145.8	136.2	136.6	148.0	150.5	145.5	152.1
1975	161.2	175.4	174.3	169.7	137.3	235.3	169.6	142.3	149.8	158.6	168.6	158.4	166.6
1976	170.5	180.8	186.1	179.0	144.7	250.8	189.0	147.6	164.6	174.2	184.7	165.2	180.4
1977	181.5	192.2	200.3	191.1	153.5	283.4	213.4	154.2	176.6	182.4	202.4	174.7	194.3
1978	195.4	211.4	218.4	210.4	164.0	298.3	232.6	159.6	185.0	187.8	219.4	187.1	210.9
1979	217.4	234.5	242.9	239.7	176.0	403.1	257.8	166.6	212.3	200.3	239.7	208.4	234.2
1980	246.8	254.6	267.0	281.7	191.6	556.0	301.8	178.4	249.2	251.6	265.9	239.9	270.3
1981	272.4	274.6	291.0	314.7	208.2	675.9	345.9	186.9	277.5	312.0	294.5	253.6	305.7
1982	289.1	285.7	306.5	337.0	224.0	667.9	393.6	191.8	287.5	346.0	328.7	263.8	333.3
1983	298.4	291.7	319.9	334.8	236.9	628.0	428.7	196.5	293.9	362.6	357.3	271.5	344.9
1984	311.1	302.9	333.4	361.7	249.3	641.8	445.2	200.2	306.6	385.2	379.5	280.7	363.0

NA Not available. [1] Includes bottled gas.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Handbook of Labor Statistics*, annual.

No. 796. Consumer Price Indexes—Annual Percent Change in Major Groups: 1971 to 1984

[See headnote, table 795. See also table 797 for base figures. Minus sign (—) indicates decrease]

ITEM	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
All items	**4.3**	**3.3**	**6.2**	**11.0**	**9.1**	**5.8**	**6.5**	**7.7**	**11.3**	**13.5**	**10.4**	**6.1**	**3.2**	**4.3**
Food	3.0	4.3	14.5	14.4	8.5	3.1	6.3	10.0	10.9	8.6	7.9	4.0	2.1	3.8
Shelter, total	4.2	4.3	4.6	9.7	9.9	5.5	6.8	10.1	13.9	17.5	11.7	7.1	2.3	4.9
Rent, residential	4.6	3.5	4.3	5.1	5.1	5.4	6.1	6.8	7.3	8.9	8.7	7.6	5.8	5.2
Fuel oil and coal [1]	6.7	.9	14.8	57.8	9.7	6.6	13.0	5.3	35.1	37.9	21.6	−1.2	−6.4	2.2
Gas and electricity	6.9	5.1	4.9	15.3	16.3	11.4	12.9	9.0	10.8	17.1	14.6	13.8	8.9	3.8
Apparel and upkeep	3.2	2.1	3.7	7.4	4.5	3.7	4.5	3.5	4.4	7.1	4.8	2.6	2.5	1.9
Private transportation	5.0	.8	3.4	12.4	9.7	9.9	7.3	4.8	14.8	17.4	11.4	3.6	2.2	4.3
Automobiles, new	4.1	−.9	.1	5.8	8.6	6.3	5.3	7.6	7.9	8.0	6.1	3.9	2.5	2.9
Gasoline	.7	1.2	9.8	35.4	6.8	4.2	5.8	4.3	35.3	39.0	11.3	−5.5	−3.5	−1.5
Auto maintenance and repair	7.1	4.6	5.3	10.3	12.6	7.4	7.4	8.3	10.0	10.6	9.4	7.6	4.5	3.5
Public transportation	7.2	4.1	1.0	2.2	7.2	9.8	4.7	3.0	6.7	25.6	24.0	10.9	4.8	6.2
Medical care	6.5	3.2	3.9	9.3	12.0	9.5	9.6	8.4	9.3	10.9	10.8	11.6	8.7	6.2
Entertainment	5.3	2.9	2.8	7.5	8.9	5.0	4.9	5.3	6.7	8.9	7.8	6.5	4.3	3.7
All services	5.6	3.8	4.4	9.3	9.5	8.3	7.7	8.5	11.0	15.4	13.1	9.0	3.5	5.2
All commodities	3.4	3.0	7.4	12.0	8.9	4.3	5.8	7.1	11.4	12.2	8.4	4.0	2.9	3.4

[1] Includes bottled gas.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

No. 797. Consumer Price Indexes for Selected Items and Groups: 1970 to 1984

[1967=100 except as noted. Annual averages of monthly figures. See headnote, table 795]

COMMODITY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
All items	116.3	161.2	170.5	181.5	195.4	217.4	246.8	272.4	289.1	298.4	311.1
Food and beverages	114.7	172.1	177.4	188.0	206.3	228.5	248.0	267.3	278.2	284.4	295.1
Food	114.9	175.4	180.8	192.2	211.4	234.5	254.6	274.6	285.7	291.7	302.9
Food at home	113.7	175.8	179.5	190.2	210.2	232.9	251.5	269.9	279.2	282.2	292.6
Cereals and bakery products	108.9	184.8	180.6	183.5	199.9	220.1	246.4	271.1	283.4	292.5	305.3
Meats, poultry, fish, eggs	117.3	176.4	178.9	177.5	204.3	234.2	242.2	252.8	262.1	261.0	266.6
Dairy products	111.8	156.6	169.3	173.9	185.6	207.1	227.4	243.6	247.0	250.0	253.2
Fruits and vegetables	113.4	171.0	175.4	191.6	212.9	230.0	246.7	276.3	291.4	292.2	317.4
Sugar and sweets	115.1	246.2	218.2	229.4	257.5	277.6	341.3	368.3	367.5	374.4	389.1
Fats and oils	105.8	198.6	173.7	191.4	209.6	226.3	241.2	267.1	259.6	263.1	288.0
Nonalcoholic beverages	117.4	178.9	214.0	322.4	340.8	357.8	395.8	412.6	424.2	432.2	443.0
Other prepared foods	109.4	163.0	169.4	175.4	189.4	208.5	231.1	254.9	268.1	276.5	284.9
Food away from home	119.9	174.3	186.1	200.3	218.4	242.9	267.0	291.0	306.5	319.9	333.4
Alcoholic beverages	112.3	142.1	146.8	150.9	159.8	172.4	186.3	199.5	208.5	216.5	222.1
Housing [1]	118.2	164.5	174.6	186.5	202.8	227.6	263.3	293.5	314.7	323.1	336.5
Shelter	123.6	169.7	179.0	191.1	210.4	239.7	281.7	314.7	337.0	344.8	361.7
Renter's costs [2]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	103.0	108.6
Rent	110.1	137.3	144.7	153.5	164.0	176.0	191.6	208.2	224.0	236.9	249.3
Maintenance and repairs	124.0	187.6	199.6	214.7	233.0	256.4	285.7	314.4	334.1	345.3	359.2
Homeowners' costs [2]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	102.5	107.3
Fuel and other utilities	107.6	167.8	182.7	202.2	216.0	239.3	278.6	319.2	360.8	370.3	387.3
Fuel oil, coal, and bottled gas	110.1	235.3	250.8	283.4	298.3	403.1	556.0	675.9	667.9	628.0	641.8
Fuel oil	109.3	230.6	247.2	280.2	296.9	416.8	579.7	709.2	693.9	637.7	651.0
Gas (piped) and electricity	107.3	169.6	189.0	213.4	232.6	257.8	301.8	345.9	393.8	428.7	445.2
Electricity	106.2	167.0	177.6	189.3	203.4	219.1	253.4	291.5	320.3	330.6	351.8
Household furnishings and operation [3]	111.5	151.0	160.1	167.5	177.7	190.3	205.4	221.3	233.2	238.5	242.5
Housefurnishings [1]	109.3	137.4	142.9	147.6	154.3	163.1	174.2	185.2	193.8	197.5	199.1
Apparel and upkeep [4]	116.1	142.3	147.6	154.2	159.6	166.6	178.4	186.9	191.8	196.5	200.2
Apparel commodities	116.5	141.2	145.8	151.6	155.7	161.1	171.1	177.7	181.0	184.5	187.0
Apparel commodities [5]	116.3	140.6	144.9	150.6	154.2	158.5	167.8	174.0	177.0	180.8	183.2
Men's and boys'	117.1	142.2	147.2	154.0	157.3	160.8	168.4	177.5	183.9	188.9	192.4
Women's and girls'	116.0	138.1	141.9	146.4	149.3	151.9	155.1	157.5	159.1	161.9	163.6
Footwear	117.7	144.2	149.9	156.9	163.8	176.7	190.3	200.4	205.5	206.9	209.5
Transportation	112.7	150.6	165.5	177.2	185.5	212.0	249.7	280.0	291.5	298.4	311.7
Private	111.1	149.8	164.6	176.6	185.0	212.3	249.2	277.5	287.5	293.9	306.6
Automobiles, new	107.6	127.6	135.7	142.9	153.8	166.0	179.3	190.2	197.5	202.6	208.5
Automobiles, used	104.3	146.4	167.9	182.8	186.5	201.0	208.1	256.9	296.4	329.7	375.7
Gasoline	105.6	170.8	177.9	188.2	196.3	265.6	369.1	410.9	389.3	376.3	370.2
Auto insurance rates	126.7	145.9	187.9	210.5	216.6	228.7	247.4	259.0	275.7	302.7	326.3
Public	128.5	158.6	174.2	182.4	187.8	200.3	251.5	312.0	346.0	362.6	385.2
Intracity mass transit	134.5	155.5	173.3	178.5	181.8	189.8	217.6	274.8	310.9	322.1	344.6
Intercity bus fare	118.4	186.0	196.9	223.5	240.2	260.0	297.1	339.8	368.8	402.2	436.3
Airline fares	118.5	159.0	172.2	182.0	190.6	205.8	284.8	358.4	395.0	417.8	443.0
Medical care	120.6	168.6	184.7	202.4	219.4	239.7	265.9	294.5	328.7	357.3	379.5
Prescription drugs	101.2	109.3	115.2	122.1	131.6	141.8	154.8	172.5	192.7	213.8	234.3
Physicians' services	121.4	169.4	188.5	206.0	223.1	243.6	269.3	299.0	327.1	352.3	376.8
Dental services	119.4	161.9	172.2	185.1	198.1	214.8	240.2	263.3	283.6	302.7	327.3
Hospital room	145.4	236.1	268.6	299.5	332.4	370.3	418.9	481.1	556.7	619.7	670.9
Entertainment	116.7	152.2	159.8	167.7	176.6	188.5	205.3	221.4	235.8	246.0	255.1
Entertainment commodities	113.5	152.1	160.4	168.8	177.7	189.3	208.2	225.2	239.0	246.9	253.3
Newspapers	119.4	174.5	182.1	192.2	200.4	213.7	238.2	262.6	283.5	302.4	314.3
Entertainment services	121.0	152.4	159.0	166.2	175.4	187.6	201.6	216.3	231.8	245.3	258.3
Other goods and services [1]	116.8	153.9	162.7	172.2	183.3	196.7	214.5	235.7	259.9	288.3	307.7
Tobacco products	121.2	153.9	160.5	168.2	177.3	187.9	202.6	218.9	243.5	291.0	310.0
Personal care	113.2	150.7	160.5	170.9	182.0	195.8	213.1	232.0	248.3	261.1	271.4
Toilet goods [6]	110.4	150.0	158.5	167.5	176.6	188.7	206.1	227.2	246.1	260.6	269.6
Personal care services	116.0	151.4	162.5	174.4	187.3	202.7	219.9	237.0	251.2	262.5	274.1
Personal and educational expenses	118.2	162.4	173.1	184.1	198.0	213.8	236.2	265.8	301.0	333.3	365.7
All services	121.6	166.6	180.4	194.3	210.9	234.2	270.3	305.7	333.3	344.9	363.0
Services less rent	123.7	171.9	186.8	201.6	219.4	244.9	285.1	324.3	354.2	(NA)	(NA)
Household services [1]	126.4	183.6	197.2	212.4	234.7	267.2	319.1	368.8	402.4	(NA)	(NA)
Transportation services	123.1	152.7	174.3	188.4	197.4	212.8	242.6	271.6	294.4	303.6	321.1
Medical care services	124.2	179.1	197.1	216.7	235.4	258.3	287.4	318.2	356.0	387.0	410.3
Other services [1]	117.3	153.1	162.3	172.5	184.7	199.8	218.7	239.2	259.9	278.0	296.0
All commodities	113.5	158.4	165.2	174.7	187.1	208.4	233.9	253.6	263.8	271.5	280.7
Durable	111.8	145.5	154.3	163.2	173.9	191.1	210.4	227.1	241.1	253.0	266.5
Nondurable	114.0	163.2	169.2	178.9	192.0	215.9	245.0	266.3	273.6	279.0	286.6
All commodities less food	112.5	149.1	156.6	165.1	174.7	195.1	222.0	241.2	250.9	259.0	267.0
Nondurables less food	113.1	151.7	158.3	166.5	174.3	198.7	235.2	257.5	261.6	266.3	270.8
Nondurables less food, apparel	111.2	157.9	165.7	175.3	185.0	218.2	267.1	296.6	301.1	306.4	311.9

NA Not available. [1] Household services less rent. Index series underwent a change in definition effective with the 1978 revision; therefore, these data differ from those previously published. [2] Dec. 1982=100. See text, page 466. [3] Includes housekeeping supplies and services. [4] Includes apparel services. [5] Except footwear. [6] Includes personal care appliances.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *CPI Detailed Report*, January issues.

NO. 798. ANNUAL PERCENT CHANGES IN CONSUMER PRICES, UNITED STATES AND OECD COUNTRIES: 1970 TO 1984

[Covers member countries of Organization for Economic Cooperation and Development (OECD). For consumer price indexes for OECD countries, see Section 33]

COUNTRY	1970–1975, avg.	1975–1980, avg.	1980–1984, avg.	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
United States	6.7	8.9	6.0	11.0	9.1	5.8	6.5	7.7	11.3	13.5	10.4	6.1	3.2	4.3
OECD, total	8.5	9.6	7.2	13.4	11.3	8.6	8.8	7.9	9.8	12.9	10.5	7.8	5.2	5.3
OECD, Europe	9.6	11.3	9.6	13.3	13.2	10.9	11.1	9.3	10.6	14.3	12.2	10.5	8.2	7.4
Australia	10.2	10.6	9.0	15.1	15.1	13.5	12.3	7.9	9.1	10.2	9.7	11.2	10.1	4.0
Canada	7.3	8.7	8.3	10.8	10.8	7.5	8.0	9.0	9.1	10.1	12.5	10.8	5.9	4.3
Japan	11.5	6.5	2.9	24.5	11.8	9.3	8.1	3.8	3.6	8.0	4.9	2.7	1.9	2.2
New Zealand	10.2	14.8	11.2	11.1	14.7	16.9	14.3	12.0	13.8	17.1	15.4	16.1	7.4	6.2
Austria	7.3	5.3	5.3	9.5	8.4	7.3	5.5	3.6	3.7	6.4	6.8	5.4	3.3	5.6
Belgium	8.4	6.4	7.6	12.7	12.8	9.2	7.1	4.5	4.5	6.6	7.6	8.7	7.7	6.3
Denmark	9.3	10.4	8.7	15.3	9.6	9.0	11.1	10.0	9.6	12.3	11.7	10.1	6.9	6.3
Finland	11.7	10.7	9.2	16.9	17.9	14.4	12.2	7.8	7.5	11.6	12.0	9.6	8.3	7.1
France	8.8	10.4	10.5	13.7	11.8	9.6	9.4	9.1	10.8	13.6	13.4	11.8	9.6	7.4
Germany, Fed. Rep. of	6.1	4.1	4.3	7.0	6.0	4.5	3.7	2.7	4.1	5.5	5.9	5.3	3.3	2.4
Greece	12.3	16.3	23.1	26.9	13.4	13.3	12.1	12.6	19.0	24.9	24.5	21.0	20.2	18.5
Ireland	13.3	14.1	14.1	17.0	20.9	18.0	13.6	7.6	13.3	18.2	20.4	17.1	10.5	8.6
Italy	11.3	16.6	14.9	19.1	17.0	16.8	18.4	12.1	14.8	21.2	19.5	16.6	14.6	10.8
Luxembourg	7.2	6.1	7.9	9.5	10.7	9.8	6.7	3.1	4.5	6.3	8.1	9.4	8.7	5.6
Netherlands	8.6	6.0	4.7	9.6	10.2	8.8	6.4	4.1	4.2	6.5	6.7	6.0	2.8	3.3
Norway	8.4	8.4	9.9	9.4	11.7	9.1	9.1	8.1	4.8	10.9	13.6	11.3	8.4	6.2
Portugal [1]	15.4	21.8	24.1	29.2	20.4	19.3	27.2	22.5	23.9	16.6	20.0	22.4	25.5	29.3
Spain	12.1	18.6	13.1	15.7	16.9	17.7	24.5	19.8	15.7	15.5	14.6	14.4	12.1	11.3
Sweden	8.0	10.5	9.4	9.9	9.8	10.3	11.4	10.0	7.2	13.7	12.1	8.6	8.9	8.0
Switzerland	7.7	2.3	4.5	9.8	6.7	1.7	1.3	1.1	3.6	4.0	6.5	5.6	3.0	2.9
Turkey [1]	18.6	50.1	36.0	23.9	21.2	17.4	26.0	61.9	63.5	94.3	37.6	32.7	28.8	45.6
United Kingdom	13.0	14.4	7.5	16.0	24.2	16.5	15.8	8.3	13.4	18.0	11.9	8.6	4.6	5.0

[1] Excludes rent.

Source: Organization for Economic Cooperation and Development, Paris, France, *Main Economic Indicators*, monthly.

NO. 799. CONSUMER PRICE INDEXES FOR ALL URBAN CONSUMERS—U.S. REGIONS: 1973 TO 1984

[**December 1977=100.** For composition of regions, see fig. I, inside front cover]

REGION	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
All items:												
Northeast	73.3	81.4	87.9	92.9	98.1	104.3	114.7	129.4	143.3	150.8	157.1	164.5
Midwest	71.5	79.3	86.2	91.2	97.4	105.3	118.2	134.0	146.6	157.0	162.6	168.6
South	70.3	78.8	86.5	91.3	97.4	105.4	117.4	132.9	147.2	156.6	161.7	168.4
West	69.7	77.1	85.1	90.2	96.9	105.1	117.3	134.6	148.5	157.5	160.0	167.4
Food:												
Northeast	72.5	83.1	89.8	92.8	98.0	107.2	118.0	128.6	138.9	144.8	147.8	153.6
Midwest	72.2	82.8	88.6	92.0	97.9	108.0	119.8	130.0	139.4	144.1	145.9	150.9
South	71.8	80.9	89.8	92.0	98.0	107.9	120.1	130.4	140.7	146.1	149.5	155.9
West	71.0	81.1	88.3	90.2	97.1	108.0	120.2	130.2	141.0	147.7	152.3	158.3
Housing:												
Northeast	(NA)	(NA)	(NA)	(NA)	(NA)	104.3	115.2	132.3	148.7	156.9	163.6	171.5
Midwest	(NA)	(NA)	(NA)	(NA)	(NA)	106.1	121.1	140.0	153.5	168.4	175.4	181.1
South	(NA)	(NA)	(NA)	(NA)	(NA)	106.0	119.0	136.8	153.2	165.1	168.7	174.5
West	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.8	138.5	154.1	163.7	163.4	171.9
Population-size class:												
Less than 75,000	(NA)	(NA)	(NA)	(NA)	(NA)	104.9	116.6	131.3	144.8	156.0	160.7	167.2
75,000 to 384,999	(NA)	(NA)	(NA)	(NA)	(NA)	105.4	117.8	133.1	146.4	155.7	160.1	166.6
385,000 to 1,249,999	(NA)	(NA)	(NA)	(NA)	(NA)	105.2	117.8	134.0	148.6	156.9	161.6	168.5
1,250,000 to 4,000,000	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.2	133.5	147.8	157.4	162.9	169.8
Over 4,000,000	(NA)	(NA)	(NA)	(NA)	(NA)	104.5	115.4	131.1	143.8	152.1	157.4	164.5
ANNUAL PERCENT CHANGE												
All items:												
Northeast	[1] 6.4	11.1	8.0	5.7	5.6	6.3	10.0	12.7	10.7	5.2	4.2	4.7
Midwest	[1] 5.9	10.9	8.7	5.8	6.8	8.1	12.3	13.3	9.4	7.1	3.6	3.7
South	[1] 6.5	12.1	9.8	5.5	6.7	8.2	11.4	13.3	10.8	6.4	3.3	4.1
West	[1] 5.8	10.6	10.4	6.0	7.4	8.5	11.6	14.8	10.3	6.1	1.6	4.6

NA Not available. [1] Change from 1972.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *CPI Detailed Report*, January issues.

No. 800. Consumer Price Indexes—Selected Cities or SMSA's: 1970 to 1984

[**1967=100, except as noted.** Annual averages of monthly figures. For coverage details, see headnote, table 795, and text, p. 468. Area is generally the standard metropolitan statistical area (SMSA), exclusive of farms. Los Angeles-Long Beach, Anaheim, CA is a combination of two SMSA's, and New York, NY-Northeastern NJ, and Chicago, IL-Northwestern IN are the more extensive standard consolidated areas. Area definitions are those established by the Office of Management and Budget in 1973, except for Denver-Boulder, CO which does not include Douglas County. Definitions do not include revisions made since 1973]

CITY/SMSA	ALL ITEMS									
	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
City average [1]	**116.3**	**147.7**	**161.2**	**170.5**	**181.5**	**195.4**	**217.4**	**246.8**	**272.4**	**289.1**
Anchorage, AK [2]	(NA)	133.9	152.3	164.1	175.0	187.5	207.0	228.2	246.5	260.1
Atlanta, GA	116.5	148.5	161.7	169.2	179.6	192.6	212.7	242.3	272.0	289.5
Baltimore, MD	117.0	152.4	165.2	173.9	185.9	199.6	218.2	250.3	273.6	285.8
Boston, MA	116.7	148.7	162.1	174.5	183.4	193.1	212.9	240.0	266.7	277.7
Buffalo, NY	116.1	149.5	161.8	170.6	181.7	193.0	211.3	235.6	257.6	267.2
Chicago, IL-Northwestern IN	116.3	146.1	157.6	165.1	175.6	190.7	214.6	245.5	269.0	287.4
Cincinnati, OH-KY-IN	115.7	146.3	160.3	170.1	182.2	199.1	223.8	254.0	272.1	293.5
Cleveland, OH	119.3	147.8	160.9	169.0	180.5	193.9	219.5	252.9	279.3	301.2
Dallas-Fort Worth, TX	117.8	145.3	158.2	167.7	180.2	194.0	218.6	255.6	284.9	301.3
Denver-Boulder, CO	(NA)	148.5	161.3	170.3	184.7	202.1	233.5	261.5	290.8	317.0
Detroit, MI	117.4	149.0	160.1	168.8	180.4	194.1	218.8	253.5	277.1	288.3
Honolulu, HI	114.2	141.9	155.0	162.8	171.0	184.1	204.6	228.5	252.4	267.6
Houston, TX	116.8	147.8	164.9	177.3	190.2	208.2	235.7	265.4	291.9	312.2
Kansas City, MO-KS	115.8	144.2	157.9	166.5	178.3	191.8	219.2	248.1	268.6	282.0
Los Angeles-Long Beach-Anaheim, CA	114.3	142.5	157.6	168.0	179.6	192.8	213.7	247.3	271.4	287.6
Miami, FL [3]	(NA)	(NA)	(NA)	(NA)	(NA)	104.5	114.8	130.8	145.8	155.8
Milwaukee, WI	115.8	144.1	157.0	167.1	177.9	192.3	218.8	251.5	280.1	296.3
Minneapolis-St. Paul, MN-WI	117.5	148.3	160.9	170.9	183.0	199.7	222.6	247.8	278.3	306.2
New York, NY-Northeast NJ	119.0	154.8	166.6	176.3	185.5	196.1	213.1	237.2	260.5	275.6
Northeast PA	116.3	151.1	164.7	170.9	179.9	191.9	210.7	237.1	264.1	273.8
Philadelphia, PA-NJ	117.8	151.6	164.2	172.4	183.5	194.3	213.6	241.4	266.0	279.0
Pittsburgh, PA	116.4	147.3	160.0	168.3	179.8	195.5	217.3	247.2	272.5	288.0
Portland, OR-WA	113.2	142.8	156.5	167.0	180.2	198.4	225.4	255.4	278.2	287.0
St. Louis, MO-IL	115.2	142.2	156.1	165.1	176.6	191.5	215.8	244.9	267.5	286.9
San Diego, CA	115.3	147.2	160.8	170.7	182.0	200.1	233.1	268.5	304.6	325.3
San Francisco-Oakland, CA	115.8	144.4	159.1	168.0	180.8	197.8	214.6	247.3	279.0	300.0
Seattle-Everett, WA	114.0	141.5	155.8	164.5	177.6	194.8	216.3	252.1	279.7	297.8
Washington, DC-MD-VA	117.6	150.0	161.6	171.1	183.0	197.0	218.6	244.7	267.3	281.9

	1983, all items	1984							
		All items	Food and beverages	Housing	Fuel and other utilities	Apparel and upkeep	Transportation	Medical care	Entertainment
City average [1]	**298.4**	**311.1**	**295.1**	**336.5**	**387.3**	**200.2**	**311.7**	**379.5**	**255.1**
Anchorage, AK [2]	264.8	275.6	301.3	271.0	262.9	202.0	285.9	380.3	270.1
Atlanta, GA	301.3	313.9	300.2	349.2	354.2	198.8	292.3	374.3	214.3
Baltimore, MD	298.8	312.6	295.1	347.2	366.9	213.3	304.4	353.4	250.2
Boston, MA	290.0	304.2	278.8	322.3	396.8	220.9	334.6	360.7	258.4
Buffalo, NY	284.5	294.4	286.3	312.7	488.8	225.0	288.1	313.0	262.6
Chicago, IL-Northwestern IN	298.8	310.1	280.8	346.0	348.6	168.6	306.1	381.9	265.8
Cincinnati, OH-KY-IN	312.0	322.6	312.9	349.0	410.6	226.3	287.4	398.2	241.3
Cleveland, OH	324.3	335.8	300.9	372.0	404.2	197.5	305.4	426.8	250.6
Dallas-Fort Worth, TX	312.6	327.2	309.0	362.7	369.7	211.9	310.7	378.4	267.0
Denver-Boulder, CO	335.1	347.9	280.4	425.0	351.1	186.5	312.1	364.1	285.7
Detroit, MI	296.5	306.9	275.8	336.9	422.2	166.3	309.0	403.1	222.8
Honolulu, HI	273.5	284.6	308.2	268.2	347.0	205.1	265.7	379.7	268.9
Houston, TX	320.6	329.4	330.0	354.3	460.6	241.2	286.7	434.6	269.4
Kansas City, MO-KS	298.4	310.4	292.3	334.7	395.3	216.6	297.2	397.0	240.6
Los Angeles-Long Beach-Anaheim, CA	292.7	306.1	289.4	332.6	341.6	174.5	320.9	398.8	219.4
Miami, FL [3]	161.0	166.8	159.2	169.3	169.8	136.0	181.2	181.6	130.1
Milwaukee, WI	309.5	320.6	281.9	362.5	432.1	221.1	311.7	367.2	266.1
Minneapolis-St. Paul, MN-WI	312.6	324.0	302.1	371.8	400.6	186.3	290.0	360.5	277.8
New York, NY-Northeast NJ	288.6	303.1	298.8	314.3	400.9	187.3	336.9	380.8	263.5
Northeast PA	283.6	296.3	280.3	315.0	484.1	199.8	300.4	408.8	259.2
Philadelphia, PA-NJ	287.1	300.6	298.3	311.1	401.5	182.4	320.3	402.7	239.8
Pittsburgh, PA	308.4	319.0	289.3	358.9	387.1	197.6	327.9	408.0	254.9
Portland, OR-WA	290.1	301.0	293.9	308.1	396.9	205.7	303.7	381.6	239.2
St. Louis, MO-IL	297.2	306.9	293.9	334.8	330.4	193.9	291.8	356.1	244.3
San Diego, CA	334.6	354.2	308.7	430.1	347.3	209.9	316.5	353.8	246.7
San Francisco-Oakland, CA	302.5	319.8	295.8	358.4	397.2	215.8	315.7	363.1	246.3
Seattle-Everett, WA	302.8	313.9	283.4	349.7	384.6	190.0	292.0	362.9	264.0
Washington, DC-MD-VA	294.7	308.9	305.0	322.7	366.6	215.2	303.8	399.3	244.0

NA Not available. [1] 1970–1977 based on 56 urban areas; beginning 1978 based on 85 areas, includes medium- and small-sized cities, not shown separately. 1970–1978, excludes Portland. [2] October 1967=100. [3] November 1977=100.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, and in *CPI Detailed Report*, January issues.

No. 801. Selected Mineral Products—Average Prices: 1973 to 1984

[Represents average price except as noted. Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970*, series M96, 139, 146, 209, 248, and 262]

MINERAL	Unit	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Aluminum [1]	Cents/lb	25.3	34.1	39.8	44.5	51.6	54.0	61.0	71.6	76.0	76.0	77.8	81.0
Bituminous coal [2 3]	Dol./sh.ton	8.53	15.75	19.23	19.43	19.82	21.78	23.65	24.52	26.29	27.14	25.85	27.00
Cobalt: [4] Low	Dol./lb	3.00	3.46	3.98	4.44	5.58	6.40	24.58	25.00	14.58	8.56	5.76	10.40
High							20.00						
Copper, electrolytic	Cents/lb	59.5	77.3	64.2	69.6	66.8	66.5	93.3	101.3	84.2	72.8	76.5	66.2
Gold	Dol/fine oz	98	160	161	125	148	194	308	613	460	376	424	361
Iron ore, pellets [5]	Cents/lg.ton	29.4	40.6	47.2	53.1	55.5	60.9	58.4	65.4	71.9	(6)	(6)	(6)
Lead (NY)	Cents/lb	16.3	22.5	21.5	23.1	30.7	33.7	52.6	42.5	36.5	25.5	21.7	25.6
Natural gas [2 7]	Dol./1,000 cu.ft	.22	.30	.45	.58	.79	.91	1.18	1.59	1.98	2.46	2.59	2.60
Nickel [8]	Dol./lb	1.53	2.01	2.20	2.20	2.41	2.10	3.20	2.85	2.65	2.24	2.20	2.22
Petroleum, crude [2]	Dol./bbl	3.89	6.87	7.67	8.19	8.57	9.00	12.64	21.59	31.77	28.52	26.19	25.88
Platinum [9]	Dol./troy oz	150	181	164	162	162	237	352	439	475	475	475	475
Silver	Dol./fine oz	2.56	4.71	4.42	4.35	4.62	5.40	11.09	20.63	10.52	7.95	11.44	8.14
Tungsten concentrate [10]	Dol./lb	2.71	4.77	5.30	6.35	9.15	8.22	8.40	8.38	7.96	6.35	4.70	5.18
Zinc [11]	Cents/lb	20.7	36.0	39.0	37.1	34.4	31.0	37.3	37.4	44.6	38.5	41.4	48.6

[1] 99.5 percent primary aluminum ingot. [2] Average value at point of production; includes Alaska. Source: U.S. Energy Information Administration, *Annual Energy Review* and *Monthly Energy Review*. [3] Includes subbituminous coal and lignite. [4] Weighted average based on the market price quoted by a major U.S. cobalt dealer, otherwise based on range of prices. [5] Lower Great Lakes Ports. Prices as of end of year per long ton unit of contained iron, natural, delivered by rail or vessel, Lake Superior ore. [6] Prices range from 80.5–86.9. [7] Average value of marketed production. [8] 1973–1979, peak price quoted U.S. buyers by International Nickel Co., Inc., for electrolytic nickel, includes U.S. duty f.o.b. Port Colborne, Ontario; 1980–1984, from New York dealer. [9] Producer prices. [10] Average value of shipments. [11] Delivered price.

Source: 1973 and 1974 compiled from *Metals Week* (copyright); *Producer Prices and Price Indexes* (U.S. Bureau of Labor Statistics), *Minerals Yearbook* and *Mineral Commodity Summaries* (U.S. Bureau of Mines); thereafter, except as noted, *Minerals Yearbook*.

No. 802. Commodity Research Bureau Futures Price Index: 1972 to 1984

[1967 = 100. Index computed daily, Represents unweighted geometric average of commodity futures prices (through 12 months forward) of 27 major commodity futures markets. Represents closing price]

ITEM	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
All commodities	135.9	200.6	203.5	191.0	204.7	200.3	227.6	281.5	308.5	254.9	234.0	249.1	255.2
Imported	185.4	238.4	274.1	259.4	348.1	334.8	345.0	425.3	426.0	357.0	269.0	322.4	321.8
Industrial	122.8	170.7	132.1	154.8	173.6	175.0	222.1	354.8	324.6	249.2	249.9	277.6	227.4
Grains	137.5	228.9	240.2	195.6	192.5	179.0	187.8	251.9	312.1	251.3	215.1	226.7	232.7
Oilseeds	127.8	240.9	289.2	181.6	229.7	208.6	240.6	258.1	314.6	271.0	236.9	249.0	285.5
Livestock; meats	138.5	183.7	175.2	180.8	162.5	166.9	196.4	195.0	217.4	195.3	219.9	205.7	219.1
Metals	(NA)	(NA)	(NA)	141.0	149.5	163.8	230.4	554.1	409.2	269.3	288.6	338.8	277.7

NA Not available.

Source: Commodity Research Bureau, Inc. (CRB), Jersey City, NJ, *CRB Commodity Index Report*, weekly. (Copyright.)

No. 803. Food Prices—Distribution of Retail Price According to Farm Value and Marketing Function: 1980 to 1984

[In cents per retail unit indicated. The farm value is the payment to farmers for the quantity of farm products equivalent to the unit sold at retail minus imputed value of byproducts. Because of losses from processing, waste, and spoilage, the farm value represents larger quantities than the retail unit]

FOOD ITEM	Unit	1980		1983		1984						
		Farm value	Retail price	Farm value	Retail price	Farm value	Assembly and procurement	Processing or packing	Intercity transportation	Wholesaling	Retailing	Retail price
Beef, choice	Lb	145.0	237.6	136.2	238.1	140.0	[1]	3.8	3.8	[2] 26.8	65.2	239.6
Pork	Lb	63.2	139.5	76.5	169.8	77.4	[1]	29.1	3.6	10.2	41.7	162.0
Broilers	Lb	38.8	72.0	38.0	72.8	43.9	1.6	10.8	1.7	4.4	19.0	81.4
Eggs, grade A	Doz	51.0	84.4	58.5	92.1	65.7	1.0	12.1	1.7	3.7	18.4	102.4
Milk, sold in stores	½ gal	55.8	104.9	59.5	112.8	58.2	(NA)	(NA)	(NA)	(NA)	(NA)	112.7
Bread, white	Lb	[3] 5.3	50.9	[3] 5.2	54.2	[3] 5.1	(NA)	(NA)	(NA)	(NA)	(NA)	54.1
Potatoes, Northeast white round	10 lb	62.3	179.5	55.7	160.2	67.8	[1]	18.2	9.7	7.5	87.6	190.9
Oranges, CA	Lb	5.0	36.0	5.3	38.7	16.7	[4]	6.3	5.4	4.9	16.6	49.9
Lettuce, CA	Lb	[5] 4.5	45.7	[5] 5.8	55.5	[5] 4.0	[4]	7.5	6.0	4.1	28.8	50.4
Orange juice, frozen	12 oz	36.2	87.5	44.0	104.4	47.6	[4]	34.1	3.5	13.2	23.5	121.9
Tomatoes, CA [6]	Lb	5.0	42.2	5.1	52.6	4.9	[4]	29.6	5.2	2.4	10.4	52.5

NA Not available. [1] Included in farm value. [2] Includes breaking the carcass into principal parts such as loin and chuck. [3] Includes value for wheat, lard, soybean oil, high fructose corn syrup, and soy-whey blend. [4] Included in processing or packing cost. [5] Value in the field. Harvesting and packing, a contract operation, appears as processing or packing cost. [6] Whole tomatoes.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Cost Review, 1984*, unpublished data.

No. 804. Retail Consumer Price Indexes of Food—Selected Areas: 1970 to 1984

[1967=100. See headnote, table 800 and text, p. 468 regarding SMSA's]

CITY/SMSA	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total food [1]	**114.9**	**175.4**	**192.2**	**211.4**	**234.5**	**254.6**	**274.6**	**285.7**	**291.7**	**302.9**
Anchorage, AK	(NA)	167.6	185.8	204.1	227.2	242.2	253.6	260.4	266.8	275.8
Atlanta, GA	114.8	181.8	196.4	215.5	236.2	257.3	279.8	291.6	299.8	310.3
Baltimore, MD	117.4	178.2	195.9	215.2	235.8	254.9	272.4	279.0	287.4	300.7
Boston, MA	114.9	175.2	190.9	206.7	229.0	245.3	259.7	265.4	271.7	286.1
Buffalo, NY	116.2	173.6	189.2	206.1	226.8	246.1	267.6	276.5	283.0	291.0
Chicago, IL-Northwestern IN	115.4	175.1	191.0	213.5	236.8	258.2	273.1	279.5	281.2	288.6
Cincinnati, OH-KY-IN	114.9	177.4	197.8	219.1	244.4	265.3	286.8	299.5	306.7	321.9
Cleveland, OH	117.5	175.8	196.1	213.6	236.3	254.2	276.3	285.9	296.4	309.1
Dallas-Ft. Worth, TX	114.8	172.5	191.3	209.4	235.6	257.7	278.3	289.2	300.0	314.2
Denver-Boulder, CO	(NA)	171.4	190.8	208.0	230.1	238.0	258.0	265.5	274.5	288.2
Detroit, MI	115.2	171.6	186.4	205.5	226.5	245.2	264.2	274.3	273.7	279.8
Honolulu, HI	114.1	176.7	193.0	212.8	239.8	259.9	285.8	298.8	306.7	319.7
Houston, TX	115.5	181.2	198.8	218.7	248.3	270.6	296.6	311.1	320.1	336.7
Kansas City, MO-KS	116.1	177.8	193.0	215.4	239.2	259.8	275.3	282.4	286.7	298.8
Los Angeles-Long Beach-Anaheim, CA	112.2	170.1	185.8	206.7	229.5	248.7	268.7	281.9	291.3	300.0
Miami, FL [2]	(NA)	(NA)	(NA)	107.4	121.3	130.6	140.9	149.4	153.6	160.2
Milwaukee, WI	113.1	171.9	189.9	210.5	234.9	250.7	273.5	283.5	287.0	294.4
Minneapolis-St. Paul, MN-WI	116.5	178.9	196.7	217.3	244.4	264.8	280.4	291.6	300.1	313.6
New York, NY-Northeast, NJ	117.9	179.6	195.4	212.8	232.6	253.9	276.9	290.8	295.2	309.4
Northeast, PA	115.7	172.9	189.5	207.2	228.1	248.1	264.5	273.7	277.9	289.6
Philadelphia, PA-NJ	115.8	179.6	198.4	218.2	239.7	259.1	278.7	294.1	300.7	308.2
Pittsburgh, PA	115.6	177.4	193.6	212.6	233.5	254.5	274.1	285.9	294.6	293.8
Portland, OR-WA	110.9	168.4	188.8	207.7	233.6	250.3	269.9	284.2	291.6	302.5
St. Louis, MO-IL	115.4	174.3	192.8	210.4	234.7	252.3	270.9	281.2	288.7	298.7
San Diego, CA	113.6	173.7	190.5	212.2	236.0	257.8	276.6	291.1	308.6	322.8
San Francisco-Oakland, CA	112.5	171.2	187.4	207.4	233.1	250.4	268.5	286.2	292.7	306.8
Seattle-Everett, WA	113.5	169.6	187.9	204.1	225.4	243.2	263.7	283.4	287.8	292.2
Washington, DC-MD-VA	117.3	180.7	199.7	219.8	245.7	264.1	277.7	291.4	299.0	308.7

NA Not available. [1] 1970 to 1977 based on 56 areas; beginning 1978, 85 areas. Excludes Portland, Oregon through 1978. [2] November 1977=100.

Source: U.S. Bureau of Labor Statistics, *CPI Detailed Report*, January issues.

No. 805. Weekly Food Cost for Families, by Type of Family: 1975 to 1985

[**In dollars.** Based on moderate-cost food plan; assumes all meals are eaten at home or taken from home. See headnote, table 806]

URBAN FAMILY TYPE	1975, Dec.	1977, Dec.	1978, Dec.	1979, Dec.	1980, Dec.	1981, Dec.	1982, Dec.	1983, Dec.	1984, Dec.	1985 Jan.	1985 May
Couple, 20-54 years old [1]	37.10	39.70	43.20	47.50	52.00	53.40	54.60	54.70	56.50	57.20	57.10
Couple, 55 years and over [1]	32.40	35.00	37.90	41.80	45.90	47.10	48.10	52.00	53.90	54.60	54.60
Couple with children:											
1 child, 1-5 years old	44.90	47.80	52.10	57.30	62.90	64.70	66.00	66.90	69.20	70.00	70.00
1 child, 15-19 years old	53.50	56.70	62.00	68.00	74.80	76.80	78.50	77.80	80.50	81.50	81.40
2 children, 1-5 years old	51.80	54.90	60.00	65.90	72.60	74.70	76.20	77.80	80.50	81.40	81.50
2 children, 6-11 years old	63.00	66.60	72.70	79.90	88.10	90.70	92.60	93.50	97.10	98.10	98.20
2 children, 12-19 years old	67.20	71.00	77.60	85.20	93.80	96.50	98.60	98.00	101.60	102.80	102.70

[1] Beginning 1983, costs based on revised food plans with age groups 20-50 years old and 51 years old and over.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service. Through June 1978, *Food and Home Notes*, weekly; thereafter, *News Feature*, weekly.

No. 806. Weekly Food Cost for Families, by Cost Level and Region: 1985

[**In dollars.** As of **January.** Based on costs of food plans as estimated by using average price per pound of each food group paid by survey families at selected food cost levels in 1977-78. Prices adjusted to January 1985 level. For composition of regions, see fig. I, inside front cover]

REGION AND URBAN FAMILY TYPE	Low level	Moderate level	Liberal level	REGION AND URBAN FAMILY TYPE	Low level	Moderate level	Liberal level
Northeast:				**South:**			
Couple, 20-50 years old	49.10	59.50	74.50	Couple, 20-50 years old	44.70	54.60	66.10
Couple, 51 years and over	46.60	56.80	68.50	Couple, 51 years and over	42.70	51.70	60.80
4-person families:				4-person families:			
With preschool children [1]	70.30	84.50	104.60	With preschool children [1]	64.50	77.60	93.10
With school children [2]	82.60	101.80	123.90	With school children [2]	75.90	93.60	110.30
Midwest:				**West:**			
Couple, 20-50 years old	43.60	54.00	65.20	Couple, 20-50 years old	48.50	58.50	73.00
Couple, 51 years and over	42.00	51.80	60.60	Couple, 51 years and over	46.10	56.30	67.90
4-person families:				4-person families:			
With preschool children [1]	62.80	77.20	92.50	With preschool children [1]	70.00	83.60	103.00
With school children [2]	74.00	93.00	109.40	With school children [2]	82.40	100.70	121.80

[1] Couple, 20-50 years; children, 1-2 and 3-5 years. [2] Couple, 20-50 years; children, 6-8 and 9-11 years.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service, *Family Economics Review*, 1985, No. 2.

No. 807. Consumer Price Indexes of Residential Rents in Selected SMSA's: 1970 to 1984

[1967=100. Annual averages of monthly figures, except as indicated. See Appendix III]

SMSA [1]	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Anchorage, AK (Oct. 1967=100)	(NA)	125.5	143.2	152.9	160.4	161.1	158.3	169.1	206.6	239.3	248.6
Atlanta, GA	109.9	129.0	131.2	135.3	140.0	152.3	168.2	188.4	199.9	214.2	226.4
Baltimore, MD	106.9	127.4	135.5	143.9	154.6	163.5	173.8	187.7	204.6	221.5	234.8
Boston, MA	115.4	149.6	156.7	166.2	174.2	183.0	198.8	222.5	245.5	262.0	277.3
Buffalo, NY	109.3	140.8	149.3	156.8	162.7	169.2	177.2	185.2	195.6	206.5	216.0
Chicago, IL-Northwestern IN	107.6	132.8	137.7	142.7	150.6	160.6	172.2	185.0	199.2	210.2	221.5
Cincinnati, OH-KY	105.7	120.1	124.0	133.4	142.9	155.2	169.1	183.5	191.8	200.2	208.8
Cleveland, OH	107.5	123.7	130.8	139.8	149.7	158.9	170.9	179.7	190.5	199.8	207.7
Dallas, TX	110.1	122.1	129.2	140.3	155.5	172.6	191.2	211.1	228.6	247.7	259.8
Denver-Boulder, CO	(NA)	130.3	133.5	139.7	152.3	168.8	186.8	204.9	228.5	244.0	255.5
Detroit, MI	111.5	135.9	141.5	150.8	162.6	176.5	194.1	206.1	214.3	220.2	228.5
Honolulu, HI	118.1	150.4	156.8	163.5	174.1	187.3	206.1	224.8	240.7	253.0	269.0
Houston, TX	106.9	125.3	140.1	155.8	163.0	172.1	182.8	198.8	223.6	230.4	225.5
Kansas City, MO-KS	106.3	119.2	124.0	131.3	139.6	149.2	160.3	174.0	187.2	199.2	212.7
Los Angeles-Long Beach-Anaheim, CA	111.9	134.8	144.3	157.2	171.7	188.5	211.3	235.2	257.9	274.8	294.9
Milwaukee, WI	109.8	136.9	144.1	152.5	159.6	168.7	179.6	192.7	208.8	221.0	231.1
Minneapolis-St. Paul, MN	114.2	132.8	141.5	150.6	160.5	175.8	195.2	214.3	231.1	244.5	254.4
New York, NY-Northeast NJ	110.9	153.7	162.5	171.4	180.1	188.7	202.5	217.6	232.6	247.4	260.3
Northeast, PA	113.1	155.9	166.3	178.2	186.2	207.2	220.7	229.3	238.1	251.7	260.2
Philadelphia, PA-NJ	112.5	146.4	155.7	166.1	174.4	182.4	194.5	210.2	229.6	246.4	261.4
Pittsburgh, PA	109.0	129.0	137.0	149.2	162.7	173.9	185.3	198.5	211.6	223.6	231.0
Portland, OR-WA	109.3	135.8	145.2	157.9	172.6	188.5	202.6	217.1	222.5	227.1	231.7
St. Louis, MO-IL	105.6	116.1	120.4	127.0	136.8	149.0	165.6	179.2	191.8	202.4	213.3
San Diego, CA	123.6	148.7	158.3	170.2	185.6	205.5	226.3	249.2	263.5	286.4	313.6
San Francisco-Oakland, CA	119.3	144.8	153.3	164.7	177.3	190.3	214.3	236.1	258.8	284.4	308.3
Seattle, WA	109.1	130.8	141.1	153.6	168.0	195.1	226.1	239.8	245.2	247.6	254.8
Washington, DC-MD-VA	109.4	140.3	149.0	158.4	168.0	181.2	197.2	215.5	233.8	251.2	266.3

NA Not available. [1] See headnote, table 800 and text, page 468.

No. 808. Consumer Price Indexes of Fuels and Utilities: 1970 to 1984

[1967=100. Represents all urban consumers. A therm=100,000 Btu's. Annual averages for cities combined. See text, p. 468. See also *Historical Statistics, Colonial Times to 1970,* series E 203-211]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Consumer price index, all items	**116.3**	**161.2**	**170.5**	**181.5**	**195.4**	**217.4**	**246.8**	**272.4**	**289.1**	**298.4**	**311.1**
Fuels and other utilities	107.6	167.8	182.7	202.2	216.0	239.3	278.6	319.2	350.8	370.3	387.3
Gas (piped) and electricity	107.3	169.6	189.0	213.4	232.6	257.8	301.8	345.9	393.8	428.7	445.2
Utility (piped) gas	108.5	172.5	201.2	239.3	263.1	305.3	363.9	414.9	497.2	560.1	584.4
Gasoline, regular and premium	105.6	170.8	177.9	188.2	196.3	265.6	369.1	410.9	389.3	376.3	370.2
Electricity (composite)	106.2	167.0	177.6	189.3	203.4	219.1	253.4	291.5	320.3	330.6	351.8
Fuel oil, coal, and bottled gas	110.1	235.3	250.8	283.4	298.3	403.1	556.0	675.9	667.9	628.0	641.8
Fuel oil No. 2	109.3	230.6	247.2	280.2	296.9	416.8	579.7	709.2	693.9	637.7	651.0
Telephone services, residential	102.5	125.3	129.8	131.3	132.8	132.4	135.7	147.7	162.8	173.3	187.8
Water and sewer service, residential	120.4	169.9	188.7	209.1	232.6	243.3	259.8	290.9	325.5	352.6	375.8

Source of tables 807 and 808: U.S. Bureau of Labor Statistics, *CPI Detailed Report,* January issues.

No. 804. Average Price of Residential Utility (Piped) Gas, Electricity, and Fuel Oil No. 2, Selected Areas: 1983 and 1984

[**In dollars per unit shown.** One therm contains approximately 100 cubic feet of natural gas. As of **January.** For complete SMSA titles, see Appendix II]

AREA	UTILITY (PIPED) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)		AREA	UTILITY (PIPED) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)	
	1983	1984	1983	1984	1983	1984		1983	1984	1983	1984	1983	1984
U.S. city average [1]	**59.97**	**61.56**	**37.18**	**38.59**	**1.194**	**1.122**	L.A., Long Beach-Anaheim	48.46	49.83	37.95	38.70	(NA)	(NA)
Anchorage	21.13	26.51	30.14	33.40	1.186	1.115	Miami	64.42	59.74	38.43	42.58	(NA)	(NA)
Atlanta	58.87	63.90	30.98	33.94	1.142	1.058	Milwaukee	64.10	66.86	35.05	36.65	1.140	1.054
Baltimore	67.47	71.36	37.43	39.06	1.175	1.115	Minn.-St. Paul	57.16	60.11	32.40	32.29	1.176	1.071
Boston	84.72	75.78	40.44	45.03	1.229	1.169	New York	82.62	78.45	59.46	60.07	1.244	1.159
Buffalo	71.28	69.64	35.28	34.27	1.268	1.163	Northeast, PA	66.84	66.35	34.36	37.97	1.137	1.069
Chicago	52.59	54.52	43.57	45.95	1.188	1.139	Philadelphia	73.52	67.49	39.36	40.28	1.183	1.146
Cincinnati	61.19	58.91	32.67	34.75	1.176	1.113	Pittsburgh	57.08	59.23	34.53	37.97	1.091	1.041
Cleveland	54.16	55.78	43.50	39.94	1.187	1.098	Portland, OR	67.30	65.20	17.31	19.81	1.175	1.037
Dallas [2]	55.26	55.55	35.41	36.67	(NA)	(NA)	St. Louis	63.08	65.87	28.19	29.82	1.132	1.065
Denver-Boulder	63.95	56.42	41.02	38.69	(NA)	(NA)	San Diego	56.16	78.51	63.61	62.36	(NA)	(NA)
Detroit	53.23	60.96	34.70	34.16	1.198	1,127	San Francisco-Oakland	43.23	49.30	31.88	32.37	(NA)	(NA)
Honolulu [3]	165.48	150.80	52.08	58.42	(NA)	(NA)	Seattle-Everett	67.54	65.26	17.79	21.33	1.295	1,165
Houston	56.24	52.99	36.54	40.58	(NA)	(NA)	Wash., DC	73.60	76.93	34.43	34.24	1.235	1,213
Kansas City	57.50	51.47	30.74	33.36	(NA)	(NA)							

NA Not available [1] Excludes Honolulu. [2] Includes Ft. Worth. [3] Prices are for synthetic natural gas and propane only.

Source: U.S. Bureau of Labor Statistics, *Consumer Prices: Energy,* monthly.

No. 810. Average Residential, Commercial, and Industrial Monthly Bills for Electricity: 1980 to 1984

[Composite average **in dollars,** as of **January 1,** using decennial census data; 1980 and 1982, 1970 Census; thereafter, 1980 Census. Residential, for cities of 2,500 or more population; commercial and industrial, for 455 large cities in United States and Puerto Rico. kW=Kilowatts; kWh=Kilowatt-hours. See source for coverage detail]

ITEM	1980	1982	1983	1984, prel.
RESIDENTIAL				
Average bill, dollars:				
500 kWh	27.80	36.96	38.35	40.18
750 kWh	36.94	50.07	52.74	54.76
1,000 kWh	48.79	66.39	69.96	72.77
Average bill, cents per kWh:				
500 kWh	5.6	7.4	7.7	8.0
750 kWh	4.9	6.7	7.0	7.3
1,000 kWh	4.9	6.6	7.0	7.3
COMMERCIAL				
Average bill, dollars:				
6 kW, 750 kWh	57	73	74	75
12 kW, 1,500 kWh	114	148	149	154
30 kW, 6,000 kWh	385	509	519	534
40 kW, 10,000 kWh	590	789	805	825

ITEM	1980	1982	1983	1984, prel.
COMMERCIAL—Con.				
Average bill, cents per kWh:				
6 kW, 750 kWh	7.5	9.7	9.8	10.0
12 kW, 1,500 kWh	7.6	9.9	10.0	10.3
30 kW, 6,000 kWh	6.4	8.5	8.7	8.9
40 kW, 10,000 kWh	5.9	7.9	8.1	8.3
INDUSTRIAL				
Average bill, dollars:				
150 kW, 30,000 kWh	1,757	2,396	2,449	2,500
300 kW, 60,000 kWh	3,431	4,685	4,789	4,891
1,000 kW, 200,000 kWh	10,910	15,097	15,445	15,769
Average bill, cents per kWh:				
150 kW, 30,000 kWh	5.9	8.0	8.2	8.3
300 kW, 60,000 kWh	5.7	7.8	8.0	8.2
1,000 kW, 200,000 kWh	5.5	7.6	7.7	7.9

No. 811. Net Monthly Residential Electric Bills (Range of Lowest to Highest) for 750 Kilowatt-Hours Use, 1970 to 1984, and by State, 1984

[**In dollars.** Based on rates as of **January 1** for communities of 2,500 inhabitants or more. Beginning 1980, bill does not include water heating usage]

YEAR, REGION, DIVISION, AND STATE	Lowest bill	Highest bill
1970	34.00	5.63
1975	6.75	59.09
1979	7.02	78.26
1980	7.92	92.79
1981	8.73	105.86
1982	8.25	119.53
1983	8.25	119.53
1984, U.S.	**8.25**	**117.03**
Region:		
Northeast	12.61	117.03
Midwest	19.68	79.65
South	17.83	88.08
West	8.25	112.75
N. Eng.:		
ME	40.52	58.61
NH	52.36	73.44
VT	32.23	60.93
MA	46.60	79.26
RI	62.87	77.85
CT	58.00	74.59
Mid. Atl.:		
NY	12.61	117.03
NJ	45.69	87.03
PA	21.25	65.70

DIVISION AND STATE	Lowest bill	Highest bill
E. No. Cent.:		
OH	27.32	67.01
IN	27.80	77.63
IL	33.22	79.36
MI	27.50	64.35
WI	28.75	48.73
W. No. Cent.:		
MN	19.68	56.50
IA	28.25	68.51
MO	23.91	64.89
ND	23.75	51.86
SD	22.41	65.66
NE	31.25	57.82
KS	40.53	79.65
So. Atl.:		
DE	44.26	74.76
MD	42.17	65.72
DC	38.25	38.25
VA	34.17	59.03
WV	37.18	49.16
NC	39.83	64.01
SC	34.88	54.08
GA	25.65	57.82
FL	33.38	88.08

DIVISON AND STATE	Lowest bill	Highest bill
E. So. Cent.:		
KY	31.99	52.44
TN	32.87	40.20
AL	17.83	55.58
MS	34.71	55.83
W. So. Cent.:		
AR	26.05	59.47
LA	31.25	75.17
OK	33.68	63.75
TX	19.70	81.77
Mt.:		
MT	25.67	54.06
ID	16.82	36.60
WY	30.00	57.75
CO	18.00	64.88
NM	37.51	67.58
AZ	43.80	83.10
UT	24.28	58.66
NV	17.75	65.44
Pac.:		
WA	14.00	41.42
OR	8.25	39.00
CA	27.30	84.87
AK	44.20	70.60
HI	84.64	112.75

Source of tables 810 and 811: Through 1975, U.S. Federal Power Commission, *Typical Electric Bills,* annual; thereafter, U.S. Energy Information Administration, *Typical Electric Bills,* annual; and unpublished data.

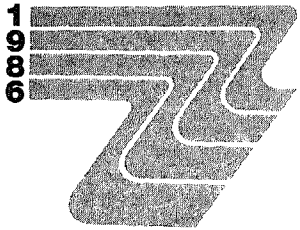
No. 812. Average Prices of Selected Fuels and Electricity: 1973 to 1985

[In dollars per unit, except electricity, in cents per kWh. Represents price to end-users, except as noted]

ITEM	Unit [1]	1973	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985, April
Crude oil, composite [2]	Barrel	4.15	10.38	11.96	12.46	17.72	28.07	35.24	31.87	28.99	28.63	27.04
Motor gasoline: [3]												
Leaded regular	Gallon	.39	.57	.62	.63	.86	1.19	1.31	1.22	1.16	1.13	1.14
Unleaded regular	Gallon	(NA)	(NA)	.66	.67	.90	1.25	1.38	1.30	1.24	1.21	1.23
Unleaded premium	Gallon	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.47	1.42	1.38	1.37	1.36
No. 2 heating oil	Gallon	(NA)	(NA)	(NA)	.40	.52	.79	.91	.91	.92	.92	.86
No. 2 diesel fuel	Gallon	(NA)	(NA)	(NA)	.38	.59	.82	1.00	.94	.83	.82	.80
Residual fuel oil	Gallon	(NA)	(NA)	(NA)	.30	.44	.61	.76	.68	.65	.69	.64
Natural gas, residential	1,000 cu. ft.	1.29	1.71	2.35	2.56	2.98	3.68	4.29	5.17	6.06	6.06	6.14
Electricity, residential	kWh	2.54	3.51	4.05	4.31	4.64	5.36	6.20	6.86	7.18	7.56	7.73

NA Not available. [1] See headnote. [2] Refiner acquisition cost. [3] Average, all service.

Source: U.S. Energy Information Administration, *Monthly Energy Review.*



Section 17

Banking, Finance, and Insurance

This section presents data on the Nation's finances, various types of financial institutions, money and credit, securities, and insurance. The primary sources of these data are publications of several departments of the Federal Government, especially the Treasury Department, and independent agencies such as the Federal Deposit Insurance Corporation, the Federal Reserve System, and the Securities and Exchange Commission. National data on insurance are available primarily from private organizations, such as the American Council of Life Insurance.

Flow of funds.—The flow of funds accounts of the Federal Reserve System (see tables 813 to 817) bring together statistics on all of the major forms of financial transactions and financial claims to present an economy-wide view of asset and liability relationships. In flow form, the accounts relate borrowing and lending to one another and to the nonfinancial activities that generate income and production. Each claim outstanding is included simultaneously as an asset of the lender and as a liability of the debtor. The accounts also indicate the balance between asset totals and liability totals over the economy as a whole. Several publications of the Board of Governors of the Federal Reserve System contain information on the flow of funds accounts: Summary data on flows, in the *Federal Reserve Bulletin, Flow of Funds Accounts* (quarterly), and *Annual Statistical Digest;* and concepts and organization of the accounts, in *Introduction to Flow of Funds* (June 1980).

Banking system.—Banks in this country are organized under the laws of both the States and the Federal Government and are regulated by several bank supervisory agencies. State-chartered banks are supervised by officials of the respective States. National banks are supervised by the Comptroller of the Currency. *Reports of Condition* have been collected from national banks since 1863. Summaries of these reports are published in the Comptroller's *Annual Report,* which also presents data on the structure of the national banking system.

The Federal Reserve System was established in 1913 to exercise central banking functions, some of which are shared with the U.S. Treasury. It includes national banks and such State banks as voluntarily join the System. Statements of State bank members are consolidated by the Board of Governors of the Federal Reserve System with data for national banks collected by the Comptroller of the Currency into totals for all member banks of the System. Balance sheet data for member banks and other commercial banks are published quarterly in the *Federal Reserve Bulletin.*

The Federal Deposit Insurance Corporation (FDIC), established in 1933, insures each depositor up to $100,000 currently in banks that are members of the Federal Reserve System and in such nonmember banks as join the insurance fund. A balance sheet for all banks in the country is published in the FDIC's *Annual Report.* Major item balance sheets for all commercial banks are published monthly in the *Federal Reserve Bulletin.*

Savings and loan and other credit agencies.—Savings and loan associations, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies represent important sources of funds for the credit market. Savings and loan associations are primarily involved in credit extension in the form of mortgage loans. Statistics on savings and loan associations are collected by the Federal Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are published principally by the American Council of Life Insurance in its *Life Insurance Fact Book.* Consumer credit data are published currently in the *Federal Reserve Bulletin.*

Federally chartered credit unions are under the supervision of the National Credit Union Administration, established in 1970. State-chartered credit unions are supervised by the respective State supervisory authorities. The Administration publishes comprehensive program and statistical information on all Federal and federally insured State credit unions in the *Annual Report of the National Credit Union Administration.* Deposit insurance (up to $100,000 per account) is provided to members of all Federal and those State credit unions that are federally-insured by the National Credit Union Share Insurance Fund which was established in 1970. Deposit insurance for State chartered credit unions is also available in some States under private or State-administered insurance programs.

Government corporations and credit agencies make available credit of specified types or to specified groups of private borrowers, either by lending directly or by insuring or guaranteeing loans made by private lending institutions. Data on operations of Government credit agencies, along with other Government corporations, are available in reports of individual agencies; data on their assets and liabilities are published in the *Treasury Bulletin.*

Currency.—Currency, including coin and paper money, represents more than one-fourth of all media of exchange in the United States, with most payments made by check. All currency is now issued by the Federal Reserve Banks.

"Currency and coin in circulation" (official *Statement of United States Currency and Coin)* refers to all coin and paper money issued by the Federal Reserve Banks, except gold and silver coin known to have been exported and, beginning with 1934, all gold coin. It includes all coin and paper money held by the public in the United States. It also includes cash in vaults of commercial and savings banks, currency irretrievably lost or destroyed by natural causes, and currency carried abroad by travelers.

Securities.—The Securities and Exchange Commission (SEC) was established in 1934 to protect the interests of the public and investors against malpractices in the securities and financial markets and to provide the fullest possible disclosure of information regarding securities to the investing public. Since its inception, the SEC has compiled a comprehensive monthly data series on new securities offerings. The statistics cover securities issued pursuant to the Securities Act of 1933 or exempted from registration pursuant to Regulation A or, Subsection 3(a)(2)—3(a)(6) of the Act and were publicly offered for cash sale for the account of the issuer, with maturity of more than one year. This series is published in the *SEC Monthly Statistical Review.*

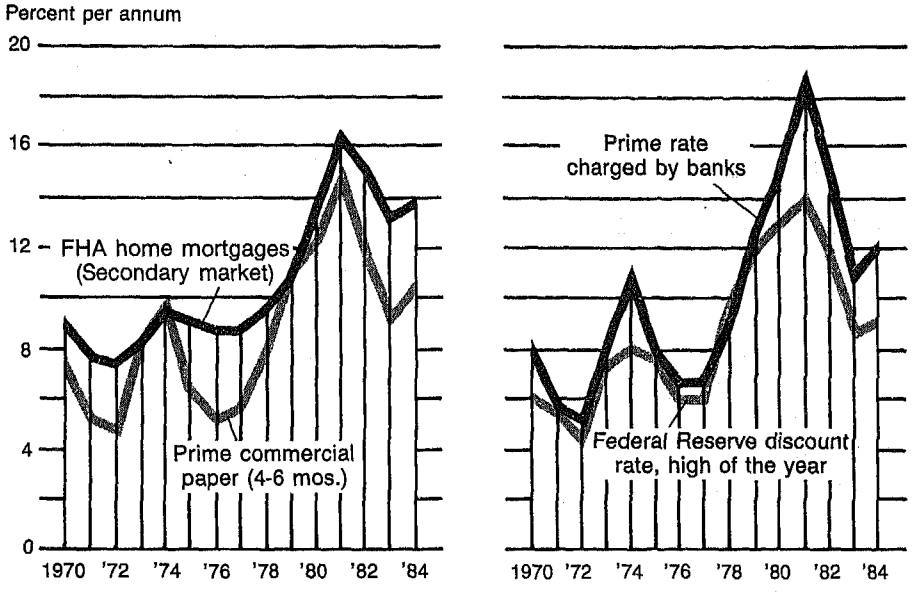
Insurance.—Insuring companies, which are regulated by the various States or the District of Columbia, are classified as either life or property. Companies that underwrite accident and health insurance only and those that underwrite accident and health insurance in addition to one or more property lines are included with property insurance. Insuring companies, other than those classified as life, are permitted to underwrite one or more property lines provided they are so licensed and have the necessary capital or surplus.

There are a number of published sources for statistics on the various classes of insurance—life, health, fire, marine, and casualty. Individual States collect data on all insurers operating within their respective jurisdictions, and many of the States publish an annual insurance report giving individual company data and aggregates of certain items for the companies operating within the State. Organizations representing certain classes of insurers publish reports for these classes. Among them are the annual commercial publishers, such as The National Underwriter Company whose *Argus Chart* (annual) contains financial and operating data for individual health and accident insurance companies, including Blue Cross and Blue Shield Plans. The American Council of Life Insurance publishes statistics on life insurance purchases, ownership, benefit payments, and assets in its annual *Life Insurance Fact Book.*

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

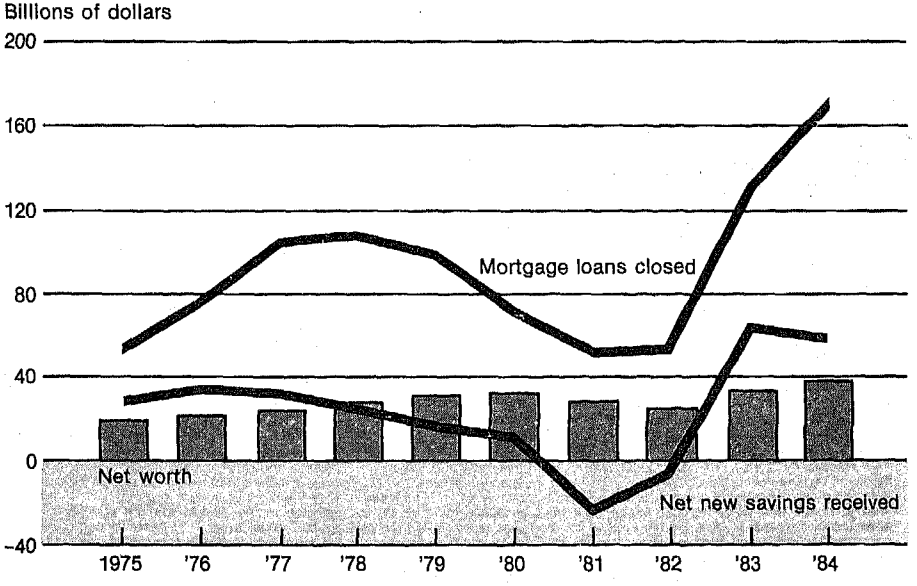
Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

Figure 17.1
Money Market Rates: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 853 and 856.

Figure 17.2
Savings Institutions—Financial Items: 1975 to 1984



[Note: Represents FSLIC (Federal Savings and Loan Insurance Corporations) insured institutions]
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 837.

No. 813. Flow of Funds Accounts—Financial Assets and Liabilities of Financial and Nonfinancial Institutions, by Sector and Type of Instrument: 1984

[In billions of dollars. As of Dec. 31. Preliminary. A=Assets; L=Liabilities, SDR=Special drawing rights, IMF=International Monetary Fund. RPs=Repurchase Agreements, "N.e.c."=Not elsewhere classified]

TYPE OF INSTRUMENT	TOTAL		PRIVATE DOMESTIC NONFINANCIAL INSTITUTIONS							
			Total		Households		Business		State and local govts.	
	A	L	A	L	A	L	A	L	A	L
Financial assets	**16,103.0**	(X)	**8,353.0**	(X)	**6,608.5**	(X)	**1,400.3**	(X)	**344.2**	(X)
Liabilities	(X)	**13,975.3**	(X)	**5,348.0**	(X)	**2,223.8**	(X)	**2,696.3**	(X)	**425.9**
Gold stock and SDR's	76.0	–	–	–	–	–	–	–	–	–
IMF position	11.5	11.5	–	–	–	–	–	–	–	–
Official foreign exchange	6.7	6.7	–	–	–	–	–	–	–	–
Treasury currency	21.0	17.5	–	–	–	–	–	–	–	–
Checkable deposits and currency	579.7	623.1	474.6	–	386.5	–	87.7	–	.4	–
Time and savings accounts	2,139.1	2,139.1	2,021.6	–	1,868.2	–	81.4	–	72.0	–
Fed. funds and security RP's	152.2	191.6	60.0	–	–	–	40.3	–	19.6	–
Money market fund shares	209.7	209.7	209.7	–	209.7	–	–	–	–	–
Foreign deposits	34.6	34.6	13.4	–	–	–	13.4	–	–	–
Life insurance reserves	248.8	248.8	248.8	–	248.8	–	–	–	–	–
Pension fund reserves	1,433.0	1,433.0	1,433.0	–	1,433.0	–	–	–	–	–
Interbank claims	18.3	29.7	–	–	–	–	–	–	–	–
Corporate equities [1]	2,183.8	161.9	1,492.5	–	1,492.5	–	–	–	–	–
Credit market instruments [2]	7,121.0	7,121.0	1,242.9	4,594.1	844.9	2,133.8	166.2	2,056.3	231.8	404.0
U.S. Treasury securities [3]	1,373.4	1,373.4	459.7	–	317.3	–	28.3	–	114.2	–
Federal agency securities [4]	528.7	528.7	141.1	–	89.2	–	1.7	–	50.2	–
State and local securities	539.2	539.2	219.3	539.2	205.3	51.0	4.1	102.4	10.0	385.5
Corporate and foreign bonds	639.5	639.5	40.2	453.5	40.2	–	–	453.5	–	–
Mortgages	2,024.1	2,024.1	242.4	2,021.9	184.9	1,373.6	–	648.3	57.5	–
Consumer credit	593.6	593.6	76.1	593.6	–	593.6	76.1	–	–	–
Bank loans, n.e.c.	638.1	638.1	–	579.6	–	36.0	–	543.6	–	–
Open-market paper	307.2	307.2	64.1	79.4	8.0	–	56.1	79.4	–	–
Security credit	101.9	101.9	24.9	47.5	24.9	47.5	–	–	–	–
Trade credit [5]	669.5	564.2	587.1	526.9	–	25.8	587.1	479.2	–	21.9
Taxes payable	4.2	12.3	20.4	10.5	–	–	–	10.5	20.4	–
Miscellaneous claims	1,091.8	1,068.6	524.1	169.0	99.9	16.7	424.2	152.3	–	–

TYPE OF INSTRUMENT	U.S. GOVERNMENT		FINANCIAL INSTITUTIONS								REST OF THE WORLD	
			Total [6]		Monetary authority		Commercial banking		Nonbank finance			
	A	L	A	L	A	L	A	L	A	L	A	L
Financial assets	**303.7**	(X)	**6,775.9**	(X)	**218.4**	(X)	**2,012.9**	(X)	**3,957.6**	(X)	**670.3**	(X)
Liabilities	(X)	**1,557.5**	(X)	**6,470.3**	(X)	**218.4**	(X)	**1,867.9**	(X)	**3,804.4**	(X)	**599.5**
Gold stock and SDR's	5.6	–	11.1	–	11.1	–	–	–	–	–	59.2	–
IMF position	11.6	–	–.1	–	–.1	–	–	–	–	–	–	11.5
Official foreign exchange	3.1	–	3.6	–	3.6	–	–	–	–	–	–	6.7
Treasury currency	–	17.5	21.0	–	21.0	–	–	–	–	–	–	–
Checkable deposits and currency	21.9	–	63.5	623.1	–	171.4	10.5	409.3	51.7	42.4	19.6	–
Time and savings accounts	1.1	–	77.0	2,139.1	–	–	–	1,095.9	77.0	1,043.3	39.4	–
Fed. funds and security RP's	–	–	92.3	191.6	–	–	–	146.2	69.8	45.5	–	–
Money market fund shares	–	–	–	209.7	–	–	–	–	–	209.7	–	–
Foreign deposits	–	–	21.2	–	–	–	–	–	21.2	–	–	34.6
Life insurance reserves	–	9.9	–	239.0	–	–	–	–	–	239.0	–	–
Pension fund reserves	–	130.0	–	1,303.0	–	–	–	–	–	1,303.0	–	–
Interbank claims	–	–	44.9	29.7	4.4	40.5	40.5	–10.7	–	–	–26.6	–
Corporate equities [1]	–	–	596.9	161.9	–	–	.1	–	596.8	161.9	94.5	–
Credit market instruments [2]	229.6	1,376.8	5,350.3	902.8	169.6	–	1,740.0	81.1	2,887.8	291.1	298.3	247.5
U.S. Treasury securities [3]	–	1,373.4	720.5	–	160.9	–	183.0	–	374.2	–	193.1	–
Federal agency securities [4]	–	3.2	387.7	525.5	8.8	–	78.5	–	299.8	–	–	–
State and local securities	–	–	319.9	–	–	–	172.0	–	148.0	–	–	–
Corporate and foreign bonds	–	–	535.9	119.6	–	–	17.6	8.5	518.3	82.6	63.4	66.4
Mortgages	51.3	.1	1,730.4	2.1	–	–	374.2	–	918.8	2.1	–	–
Consumer credit	–	–	517.5	–	–	–	259.6	–	257.9	–	–	–
Bank loans, n.e.c.	–	–	638.1	30.4	–	–	638.1	–	–	30.4	–	28.1
Open-market paper	–	–	201.3	145.6	–	–	17.0	44.1	183.5	101.4	41.8	82.3
Security credit	–	–	77.0	54.3	–	–	35.0	–	42.0	54.3	–	–
Trade credit [5]	31.9	23.4	24.3	–	–	–	–	–	24.3	–	26.3	13.9
Taxes payable	–16.2	–	–	1.9	–	–	–	.3	–	1.6	–	–
Miscellaneous claims	15.1	(Z)	393.0	614.2	8.8	5.6	186.9	146.0	187.0	412.6	159.7	285.4

– Represents zero. X Not applicable. Z Less than $50 million. [1] Assets shown at market value; nonbank finance liability is redemption value of shares of open-end investment companies. No specific liability attributed to issuers of stocks other than open-end investment companies for amounts outstanding. [2] Includes "Other loans," not shown separately. [3] Includes savings bonds and other nonmarketable debt held by public. [4] Issues by agencies in the budget and by sponsored credit agencies in financial sectors, issues backed by mortgage pools, and loan participation certificates. [5] Asset is corporate only; noncorporate credit deducted in liability total to conform to quarterly flow tables. [6] Includes federally sponsored credit agencies and mortgage pools, not shown separately.

Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest.*

No. 814. Flow of Funds Accounts—Financial Assets of Financial and Nonfinancial Institutions, by Holder Sector: 1970 to 1984

[**In billions of dollars.** As of **Dec. 31.** See also *Historical Statistics, Colonial Times to 1970,* series X 192, X 229, X 821, and X 835]

SECTOR	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
All sectors	**4,093.1**	**6,045.3**	**7,401.4**	**8,322.4**	**9,491.7**	**10,859.1**	**11,765.7**	**12,914.2**	**14,497.5**	**16,103.0**
Households	1,925.7	2,558.9	3,076.5	3,364.5	3,850.0	4,532.0	4,826.3	5,377.3	6,057.4	6,608.5
Nonfinancial business	410.3	610.0	734.2	833.4	964.5	1,074.2	1,145.2	1,179.2	1,314.6	1,400.3
Farm	10.8	14.8	18.1	20.2	22.2	24.2	26.1	27.9	29.5	31.0
Nonfarm noncorporate	29.9	37.5	44.4	48.8	53.6	56.7	61.5	65.4	71.4	79.7
Nonfinancial corporations	369.6	557.6	671.7	764.4	888.6	993.4	1,057.6	1,085.9	1,213.7	1,289.6
U.S. Government	88.2	120.2	150.3	175.5	198.2	223.3	244.9	265.3	276.1	303.7
U.S. Government-sponsored credit agencies and mortgage pools	51.5	122.1	162.9	205.0	260.6	309.3	361.8	433.8	502.2	587.1
State and local government	71.7	122.6	156.6	179.7	198.6	215.0	228.9	259.0	297.2	344.2
Monetary authorities	86.1	124.8	143.0	156.2	166.7	173.8	182.0	194.4	203.9	218.4
Commercial banking [1]	504.9	834.6	1,003.5	1,147.2	1,276.8	1,389.5	1,522.6	1,611.2	1,757.4	2,012.9
Domestic commercial banks	488.9	786.3	936.9	1,056.4	1,163.8	1,247.9	1,354.2	1,461.7	1,595.4	1,821.9
Foreign banking offices in U.S.	9.3	29.2	40.2	62.0	78.5	101.2	117.3	87.3	91.9	110.9
Nonbank finance	822.9	1,317.5	1,676.3	1,901.6	2,175.7	2,492.9	2,773.1	3,103.4	3,516.1	3,957.6
Savings and loan assoc	173.1	333.1	449.3	512.8	569.4	621.9	657.8	707.6	828.6	989.9
Life insurance	200.9	279.7	339.8	378.3	419.6	464.2	507.5	567.5	633.3	692.4
Other insurance	49.9	77.3	113.2	133.9	154.9	174.3	185.6	202.8	225.3	240.5
Private pension funds	110.4	186.6	225.1	257.4	318.6	412.7	431.0	518.1	607.8	623.3
Govt. retirement funds [2]	60.3	104.8	132.5	153.9	169.7	198.1	224.2	263.8	315.5	354.9
Finance companies	64.0	98.8	133.4	157.5	184.8	198.8	225.9	235.5	259.8	294.1
Money market funds	-	3.7	3.9	10.8	45.2	74.4	181.9	206.6	162.5	209.7
Mutual savings banks	79.3	121.1	147.3	158.2	163.3	171.5	175.3	174.3	194.4	206.4
Investment companies	46.8	43.0	45.4	45.8	51.2	63.5	63.8	89.5	129.3	161.9
Credit unions	18.0	36.9	51.5	58.4	63.1	71.6	75.3	87.0	102.5	115.8
Security brokers, dealers	16.2	18.5	27.7	27.9	29.1	36.1	38.8	42.9	49.1	60.5
Real estate investment trusts	3.9	14.0	7.2	6.8	6.7	5.8	5.9	7.7	7.9	8.1
Rest of the world	131.7	234.7	298.1	359.3	400.6	449.0	480.8	490.5	572.6	670.3

– Represents zero. [1] Includes other sectors not shown separately. [2] State and local.

No. 815. Flow of Funds Accounts—Assets and Liabilities of Households: 1970 to 1984

[As of **December 31.** See also *Historical Statistics, Colonial Times to 1970,* series X 114–147]

TYPE OF INSTRUMENT	TOTAL (bil. dol.)							PERCENT DISTRIBUTION		
	1970	1975	1980	1981	1982	1983	1984	1970	1980	1984
Total financial assets	**1,925.7**	**2,558.9**	**4,532.0**	**4,826.3**	**5,377.3**	**6,057.4**	**6,608.5**	**100.0**	**100.0**	**100.0**
Deposit and market instrument [1]	796.5	1,294.8	2,181.0	2,433.9	2,645.6	2,916.9	3,309.4	41.4	50.3	50.1
Checkable deposits and currency	118.2	170.4	264.0	299.4	315.9	355.7	386.5	6.1	5.7	5.8
Small time and savings deposits	408.9	719.6	1,140.2	1,187.1	1,323.8	1,537.6	1,688.6	21.2	25.1	25.6
Money market fund shares	-	3.7	74.4	181.9	206.6	162.5	209.7	-	1.6	3.2
Large time deposits	17.4	46.4	142.0	161.7	137.0	121.7	179.6	.9	3.3	2.7
Credit market instruments	252.0	354.7	560.4	603.7	662.3	739.4	844.9	13.1	14.5	12.8
U.S. Government securities	105.8	138.7	240.2	264.8	277.3	328.0	406.4	5.5	6.5	6.1
Treasury issues	84.9	126.2	188.2	208.2	226.2	268.4	317.3	4.4	5.0	4.8
Savings bonds	52.1	67.4	72.5	68.2	68.3	71.5	74.5	2.7	1.6	1.1
Other Treasury	32.8	58.9	115.6	140.0	157.9	196.9	242.7	1.7	3.4	3.7
Agency issues	20.9	12.5	52.1	56.5	51.1	59.5	89.2	1.1	1.5	1.3
State and local obligations	46.0	68.1	89.9	100.8	132.8	173.8	205.3	2.4	2.0	3.1
Corporate and foreign bonds	36.2	60.9	58.3	50.4	45.7	45.8	40.2	1.9	1.8	.6
Mortgages	52.4	76.2	148.1	171.2	191.7	183.8	184.9	2.7	3.3	2.8
Open-market paper	11.7	10.9	23.8	16.5	14.7	7.9	8.0	.6	.9	.1
Corporate equities	728.6	646.9	1,188.2	1,134.3	1,274.8	1,466.2	1,492.5	37.8	26.9	22.6
Mutual fund shares	46.8	43.0	63.5	63.8	89.5	129.3	161.9	2.4	1.4	2.4
Other corporate equities	681.8	603.9	1,124.8	1,070.5	1,185.4	1,336.9	1,330.6	35.4	25.5	20.1
Life insurance reserves	130.7	166.5	216.4	225.6	232.8	240.8	248.8	6.8	4.9	3.8
Pension fund reserves	239.2	405.6	859.1	941.2	1,122.7	1,321.7	1,433.0	12.4	16.0	21.7
Security credit	4.4	4.5	14.8	12.7	16.0	19.3	24.9	.2	.3	.4
Miscellaneous assets	26.3	40.6	72.4	78.5	85.3	92.5	99.9	1.4	1.6	1.5
Total liabilities	**501.9**	**808.0**	**1,544.3**	**1,679.3**	**1,778.7**	**1,975.7**	**2,223.8**	**100.0**	**100.0**	**100.0**
Credit market instruments	481.0	778.8	1,487.0	1,619.2	1,712.1	1,887.5	2,133.8	95.8	96.3	96.0
Mortgages	309.4	507.7	999.0	1,084.8	1,133.3	1,239.0	1,373.6	61.6	64.7	61.8
Installment consumer credit	105.5	172.3	314.9	335.7	355.8	396.1	477.0	21.0	20.4	21.4
Other consumer credit	37.6	50.9	74.8	80.7	85.9	96.9	116.6	7.5	4.8	5.2
Tax-exempt debt	-	2.7	16.7	21.1	29.4	40.6	51.3	-	1.1	2.3
Bank loans, not elsewhere classified	7.5	13.7	26.8	31.2	34.4	38.4	36.0	1.5	1.7	1.6
Other loans	20.9	31.5	54.7	65.8	73.2	76.5	79.3	4.2	3.5	3.6
Security credit	10.4	12.1	27.2	25.6	28.8	48.1	47.5	2.1	1.8	2.1
Trade credit	5.3	9.4	17.2	19.8	22.2	24.0	25.8	1.1	1.1	1.2
Unpaid life insurance premiums [2]	5.1	7.7	12.9	14.7	15.5	16.1	16.7	1.0	.8	.8

– Represents zero. [1] Excludes corporate equities. [2] Includes deferred premiums.

Source of tables 814 and 815: Board of Governors of the Federal Reserve System, *Annual Statistical Digest.*

No. 816. Flow of Funds Accounts—Assets and Liabilities of Private Nonbank Financial Institutions, by Type of Instrument: 1984

[In billions of dollars. As of Dec. 31. Preliminary. A=Assets; L=Liabilities; "N.e.c."=Not elsewhere classified; RP's=Repurchase agreements]

TYPE OF INSTRUMENT	TOTAL [1]		MUTUAL SAVINGS BANKS		SAVINGS AND LOAN ASSOCIATIONS		INSURANCE COMPANIES		PENSION FUNDS [2]		FINANCE COMPANIES		MONEY MARKET FUNDS	
	A	L	A	L	A	L	A	L	A	L	A	L	A	L
Financial assets	**3,957.6**	(x)	**206.4**	(x)	**989.9**	(x)	**932.9**	(x)	**978.2**	(x)	**294.1**	(x)	**209.7**	(x)
Liabilities	(x)	**3,804.4**	(x)	**195.1**	(x)	**966.3**	(x)	**824.3**	(x)	**978.2**	(x)	**297.1**	(x)	**209.7**
Checkable deposits	51.7	42.4	4.6	10.0	10.6	24.7	6.1	–	18.2	–	5.1	–	−1.2	–
Time and savings accounts	77.0	1,043.3	.4	171.7	16.0	771.4	–	–	24.6	–	–	–	23.7	–
Fed. funds, security RP's	69.8	45.5	6.6	–	22.5	45.5	18.0	–	–	–	–	–	22.7	–
Money market fund shares	–	209.7	–	–	–	–	–	–	–	–	–	–	–	209.7
Foreign deposits	21.2	–	–	–	–	–	–	–	–	–	–	–	21.2	–
Reserves:														
Life insurance	–	239.0	–	–	–	–	–	239.0	–	–	–	–	–	–
Pension fund	–	1,303.0	–	–	–	–	–	324.8	–	978.2	–	–	–	–
Corporate equities	596.8	161.9	4.3	–	–	–	113.8	–	392.2	–	–	–	–	–
Credit market instruments	2,887.8	291.1	178.9	–	830.0	93.9	714.2	–	543.3	–	289.0	190.5	140.9	–
Securities:														
U.S. Treasury	374.2	–	9.9	–	49.0	–	62.4	–	183.1	–	–	–	42.3	–
Federal agency	299.6	–	24.4	–	121.7	–	46.2	–	100.9	–	–	–	–	–
State and local	148.0	–	2.1	–	.9	–	96.6	–	1.5	–	–	–	–	–
Corporate and foreign bonds	518.3	82.6	21.0	–	–	3.5	262.5	–	207.8	–	–	78.4	–	–
Mortgages	918.8	2.1	103.3	–	606.3	–	159.9	–	19.7	–	20.5	–	–	–
Consumer credit	257.9	–	11.3	–	43.3	–	–	–	–	–	135.5	–	–	–
Bank loans, n.e.c.	–	30.4	–	–	–	15.7	–	–	–	–	–	11.0	–	–
Open market paper	183.5	101.4	7.0	–	8.7	–	32.0	–	30.4	–	–	101.0	98.7	–
Other loans	187.5	74.6	–	–	–	74.6	54.6	–	–	–	133.0	–	–	–
Security credit	42.0	54.3	–	–	–	–	–	–	–	–	–	–	–	–
Trade credit	24.3	–	–	–	–	–	24.3	–	–	–	–	–	–	–
Taxes payable	–	1.6	–	–	–	(z)	–	.6	–	–	–	(z)	–	–
Miscellaneous	187.0	412.6	11.6	13.4	110.8	30.9	56.5	259.8	–	–	–	106.5	2.4	–

– Represents zero or rounds to zero. X Not applicable. Z Less than $50 million. [1] Includes credit unions, open-end investment companies, real estate investment trusts, and security brokers and dealers not shown separately. [2] Retirement funds of State and local governments and private pension plans.

No. 817. Flow of Funds Accounts—Credit Market Debt Outstanding: 1970 to 1984

[In billions of dollars. As of Dec. 31. "N.e.c."=Not elsewhere classified]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Credit market debt	**1,597.0**	**2,619.9**	**3,285.0**	**3,761.1**	**4,251.4**	**4,685.5**	**5,177.1**	**5,638.7**	**6,274.8**	**7,121.0**
Government	450.0	666.5	818.0	888.2	943.2	1,039.6	1,133.1	1,325.7	1,549.0	1,780.7
Federal	300.8	446.3	572.5	626.2	663.6	742.8	830.1	991.4	1,177.9	1,376.8
State and local	149.2	220.2	245.5	262.0	279.6	296.9	303.0	334.3	371.0	404.0
Non-government	1,147.0	1,953.4	2,467.0	2,872.9	3,308.2	3,645.9	4,044.0	4,313.0	4,725.8	5,340.3
Financial [1]	114.1	239.9	307.1	381.1	464.7	527.6	611.7	683.4	774.3	902.8
Sponsored credit agencies [2]	38.9	80.3	88.7	112.2	137.0	162.6	195.0	210.4	211.8	241.8
Mortgage pools	4.8	28.5	56.8	70.4	94.8	114.0	129.0	178.5	244.9	288.7
Commerical banks [3]	5.5	19.5	28.1	35.4	42.1	49.2	57.4	60.1	68.5	81.1
Savings and loan associations	11.0	19.1	24.3	37.8	50.3	57.8	73.4	75.9	73.2	93.9
Finance companies	51.7	76.7	97.9	115.7	132.1	137.9	150.5	152.2	169.4	190.5
Foreign	50.6	91.2	123.9	161.9	182.5	209.6	237.0	226.4	245.2	247.5
Private domestic nonfinancial	982.3	1,622.3	2,036.1	2,329.9	2,661.0	2,908.7	3,195.3	3,403.2	3,706.3	4,190.1
Corporations [1]	355.0	548.5	662.6	741.1	836.5	912.0	1,014.8	1,085.4	1,144.9	1,307.3
Bonds	167.3	261.0	317.4	346.2	373.5	411.0	446.2	480.0	505.2	555.9
Mortgages	56.9	65.9	71.9	76.1	77.5	80.0	78.1	76.8	79.7	80.0
Bank loans, n.e.c.	104.2	172.4	197.0	227.4	272.6	299.2	341.9	383.0	401.9	472.4
Finance company loans	14.0	31.9	53.8	65.3	75.4	78.5	87.2	86.7	100.5	118.1
Individuals	627.3	1,073.8	1,373.4	1,588.8	1,824.6	1,996.7	2,180.5	2,317.8	2,561.4	2,882.8
By sector:										
Households	481.0	778.8	1,012.2	1,182.5	1,362.5	1,487.0	1,619.2	1,712.1	1,887.5	2,133.8
Farm	46.9	83.2	105.6	120.3	141.6	156.0	172.3	179.9	184.2	186.1
Nonfarm noncorporate	99.4	211.9	255.6	286.0	320.4	353.7	389.0	425.8	489.6	562.9
By type of instrument:										
Mortgages	409.2	731.7	937.5	1,083.5	1,247.4	1,380.0	1,496.4	1,575.9	1,740.3	1,941.9
Consumer credit	143.1	223.2	289.1	337.9	383.4	389.7	416.4	441.7	493.0	593.6
Policy loans	17.0	25.5	28.6	31.2	35.9	42.6	50.0	54.2	55.3	55.8
Bank loans, n.e.c.	29.9	45.3	51.9	57.1	61.3	71.3	83.1	96.9	105.3	107.2
Other loans	28.0	45.4	58.2	68.4	82.9	96.3	113.6	119.8	127.0	132.9
Tax-exempt debt	–	2.7	8.1	10.7	13.6	16.7	21.1	29.4	40.6	51.3

– Represents zero. [1] Includes other types, not shown separately. [2] U.S. Government. [3] Includes bank affiliates.

Source of tables 816 and 817: Board of Governors of the Federal Reserve System, *Annual Statistical Digest.*

NO. 818. USES AND SOURCES OF FUNDS—SUMMARY: 1970 TO 1983

[**In billions of dollars.** Minus sign (−) indicates decline in holdings of source. - Represents zero]

USE AND SOURCE	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Uses, funds raised	**95.1**	**201.4**	**264.7**	**337.4**	**390.2**	**400.1**	**374.1**	**377.6**	**397.0**	**527.2**
Investment funds	69.6	119.8	142.0	184.9	219.3	230.4	221.0	184.1	191.3	255.1
Short-term funds	18.6	3.5	63.2	100.9	124.1	139.7	77.4	115.5	52.4	96.5
U.S. securities, privately held	6.9	78.1	59.4	51.5	46.8	29.9	75.7	78.0	153.3	175.6
Less: Financial intermediaries, funds raised	*12.4*	*5.8*	*15.5*	28.8	*47.6*	*50.3*	*37.4*	*57.3*	*21.1*	*33.6*
Sources, gross funds supplied	**107.6**	**207.2**	**280.1**	**366.2**	**437.8**	**450.3**	**411.5**	**434.9**	**418.1**	**560.8**
Commercial banks	37.1	31.5	66.5	90.0	126.2	122.2	101.8	108.8	108.5	140.0
Insurance companies	13.0	25.1	39.2	48.7	53.0	51.2	48.4	50.8	58.5	65.4
Private noninsured pension funds	7.7	14.1	12.5	16.5	16.0	16.0	20.3	21.1	26.5	31.7
State and local government retirement funds	6.1	11.5	12.4	13.9	14.3	19.4	23.4	24.3	26.8	31.5
Savings and loan associations	12.7	36.2	51.8	61.3	56.7	51.5	42.1	24.1	15.4	97.1
Mutual savings banks	4.1	10.9	12.5	11.6	8.4	4.7	5.3	−.2	-	15.8
Credit unions	1.6	5.0	6.6	8.2	8.3	2.4	−1.1	1.1	3.8	9.2
Investment companies	1.9	3.1	1.4	3.4	5.2	22.4	22.5	73.0	50.6	24.6
Other financial intermediaries	3.7	-	10.5	20.7	22.4	21.7	13.9	21.7	5.8	15.3
Business	4.1	12.9	18.1	15.4	11.0	26.7	7.6	5.9	11.6	30.5
Government	10.7	21.4	14.9	13.8	28.4	34.1	39.4	28.1	39.6	38.7
Foreign investors	10.5	10.4	17.9	42.2	40.4	−3.1	28.2	21.9	21.5	21.9
Individuals and others	−5.6	25.2	15.7	20.6	47.4	81.2	59.6	54.3	49.6	39.1

Source: Beverly Lowen and Donald Woolley, *Credit and Capital Markets, 1984*, Bankers Trust Company, New York, NY.

NO. 819. OWNERSHIP OF PUBLIC DEBT SECURITIES BY PRIVATE INVESTORS: 1970 TO 1984

[**Par values in billions of dollars.** As of **June**, except beginning **1977**, as of **September**. Estimated]

OWNERSHIP	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total privately held	**217.2**	**303.2**	**376.4**	**438.6**	**488.3**	**523.4**	**589.2**	**665.4**	**791.2**	**982.7**	**1,154.1**
Commercial banks[1]	52.6	69.0	91.4	99.8	96.3	92.5	109.7	112.7	117.8	176.3	183.0
Nonbank investors	164.7	234.1	285.0	338.8	392.0	430.9	479.5	552.7	673.4	806.4	971.1
Individuals[2]	81.8	86.8	96.1	103.9	109.4	115.5	123.0	109.7	115.6	128.9	142.4
Insurance companies	7.2	7.1	14.4	14.3	15.1	16.7	19.2	27.6	34.8	51.2	73.2
Money market funds	(NA)	(NA)	.8	.8	1.4	4.3	7.5	11.4	38.6	22.1	13.6
Corporations[3]	8.5	13.8	23.3	23.3	21.3	22.1	25.9	18.0	21.6	35.9	47.7
State and local governments	29.0	31.7	33.3	53.0	69.0	66.5	77.0	99.8	122.4	[4]149.9	(NA)
Foreign and international[5]	14.0	66.0	69.8	95.5	121.0	125.1	126.4	130.7	140.6	160.1	175.5
Other investors[6]	21.0	25.2	47.2	48.0	54.9	80.7	100.5	155.5	199.8	258.3	(NA)
Percent distribution	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Commercial banks[1]	24.2	22.8	24.3	23.0	19.7	17.7	18.6	16.9	14.9	17.9	15.9
Nonbank investors	75.8	77.2	75.7	77.2	80.3	82.3	81.4	83.1	85.1	82.1	84.1
Individuals[2]	37.7	28.6	25.5	23.7	22.4	22.1	20.9	16.5	14.6	13.1	12.3
Insurance companies	3.3	2.3	3.8	3.3	3.1	3.2	3.3	4.1	4.4	5.2	6.3
Money market funds	(NA)	(NA)	.2	.2	.3	.8	1.3	1.7	4.9	2.2	1.2
Corporations[3]	3.9	4.6	6.2	5.3	4.4	4.2	4.4	2.7	2.7	3.7	4.1
State and local governments	13.4	10.5	8.8	12.1	14.1	12.7	13.1	15.0	15.5	[4]15.3	(NA)
Foreign and international[5]	6.4	21.8	18.5	21.8	24.8	23.9	21.4	19.6	17.8	16.3	15.2
Other investors[6]	9.7	8.3	12.5	10.9	11.2	15.4	17.1	23.4	25.3	26.3	(NA)

NA Not available. [1] Consists of commercial banks, trust companies, and stock savings banks in the United States and in territories and island possessions. Figures exclude securities held in trust departments. [2] Includes partnerships and personal trust accounts. [3] Exclusive of banks and insurance companies. [4] Preliminary. [5] Consists of the investment of foreign balances and international accounts in the United States. [6] Consists of savings and loan associations, nonprofit institutions, money market funds (for 1970 and 1975), corporate pension trust funds and dealers and brokers. Also included are certain government deposit accounts, government-sponsored agencies, and all other investors not included above.

Source: U.S. Dept. of the Treasury, *Treasury Bulletin*, monthly through 1982; thereafter, quarterly.

NO. 820. FEDERAL RESERVE MEMBER BANKS—REVENUE AND EXPENSES: 1970 TO 1984

[Includes one member bank in the Virgin Islands]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Member banks	Number	5,769	5,790	5,760	5,669	5,564	5,425	5,422	5,474	5,619	5,807	5,960
Current revenue	Bil. dol.	27.9	51.4	63.6	70.5	89.1	118.9	150.6	196.6	202.3	185.8	215.6
Expenses	Bil. dol.	22.2	44.4	55.9	61.7	77.8	105.8	136.5	181.9	188.4	171.8	200.9
Net current earnings	Bil. dol.	5.7	7.0	7.7	8.8	11.3	13.1	14.2	14.7	13.9	14.0	14.7
Net income	Bil. dol.	3.8	5.5	5.9	6.6	7.8	9.2	9.9	10.6	10.7	10.8	11.2
Cash dividends declared	Bil. dol.	1.8	2.5	2.5	2.6	2.9	3.5	3.9	4.4	4.9	5.5	5.6
Capital accounts[1]	Bil. dol.	33.0	50.0	50.6	56.6	61.5	67.1	73.7	80.9	88.7	96.7	106.6
Ratios to avg. capital accounts:												
Net current earnings	Percent	17.4	13.9	15.2	15.6	18.4	19.5	19.2	18.2	15.7	14.5	13.8
Net income	Percent	11.6	11.1	11.5	11.7	12.8	13.7	13.4	13.1	12.1	11.2	10.5
Cash dividends declared	Percent	5.3	5.0	4.8	4.8	4.8	5.2	5.3	5.5	5.5	5.7	5.3

[1] Averages of amounts reported for varying call dates; for details, see source.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 821. Selected Financial Institutions—Number and Assets, by Type of Institution and Asset Size: 1984

[As of **December**]

Asset size	Number of institutions: Insured commercial banks [1]	Savings and loan associations [2]	Mutual savings banks [1 3]	Credit unions [4]	Assets (bil. dol.): Insured commercial banks [1 5]	Savings and loan associations [2]	Mutual savings banks [1 3]	Credit unions [4]
Total	**14,481**	**3,391**	**267**	**15,144**	**2,108.0**	**902.4**	**135.6**	**99.0**
Less than $250,000	2	70	–	2,902	(Z)	(Z)	–	.3
$250,000–$999,000	9		–	4,444	(Z)		–	2.5
$1.0 million–$4.9 million	320	130	–	4,688	1.1	.4	–	11.0
$5.0 million–$9.9 million	1,150	135	1	1,284	8.8	1.1	(Z)	9.1
$10.0 million–$24.9 million	4,064	422	7	1,051	69.3	7.4	.1	16.3
$25.0 million–$49.9 million	3,761	600	3	403	135.1	22.6	.1	14.3
$50.0 million–$99.9 million	2,741	671	57	226	190.1	49.6	4.3	15.5
$100.0 million–$499.9 million	1,956	1,034	136	139	371.2	224.2	32.2	23.9
$500.0 million or more	478	329	63	7	1,332.4	597.2	98.9	6.1
	Percent distribution							
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than $250,000	(Z)	2.1	–	19.2	(Z)	(Z)	–	.3
$250,000–$999,000	.1		–	29.3	(Z)		–	2.5
$1.0 million–$4.9 million	2.2	3.8	–	31.0	.1	(Z)	–	11.1
$5.0 million–$9.9 million	7.9	4.0	.4	8.5	.4	.1	(Z)	9.2
$10.0 million–$24.9 million	28.1	12.4	2.6	6.9	3.3	.8	.1	16.5
$25.0 million–$49.9 million	26.0	17.7	1.1	2.7	6.4	2.5	.1	14.4
$50.0 million–$99.9 million	18.9	19.8	21.4	1.5	9.0	5.5	3.2	15.7
$100.0 million–$499.9 million	13.5	30.5	50.9	.9	17.6	24.8	23.7	24.1
$500.0 million or more	3.3	9.7	23.6	(Z)	63.2	66.2	72.9	6.2

– Represents zero. Z Less than $50 million or .05 percent.
[1] Source: U.S. Federal Deposit Insurance Corporation, *Statistics on Banking*, annual.
[2] Source: U.S. League of Savings Institutions, Washington, DC, *The Savings and Loan Source Book*, annual.
[3] Excludes federally chartered mutual savings banks.
[4] Source: National Credit Union Administration, *National Credit Union Administration Yearend Statistics 1984*. Excludes nonfederally insured State chartered credit unions and federally insured corporate credit unions.
[5] Covers domestic assets only.
Source: Compiled from sources listed in footnotes.

No. 822. Banking Offices, by Deposit Insurance Status: 1970 to 1984

[As of **December 31**. Includes Puerto Rico and outlying areas. Beginning 1982 excludes automatic teller machines that were previously being reported by many banks as branches. See also *Historical Statistics, Colonial Times to 1970*, series X 716–724]

Item	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
All banking offices	**37,166**	**47,239**	**50,695**	**52,608**	**54,926**	**57,232**	**59,348**	**57,913**	**59,050**	**60,067**
Commercial banks, total	35,585	44,917	47,914	49,602	51,588	53,649	55,749	54,829	55,960	57,010
Member, Federal Reserve System	21,989	26,526	27,904	28,456	29,163	29,985	31,414	30,921	31,946	32,809
National banks	17,191	21,073	22,294	22,731	23,307	24,217	25,221	24,867	26,080	27,037
State banks	4,798	5,453	5,610	5,725	5,856	5,768	6,193	6,054	5,866	5,772
Nonmember banks	13,596	18,391	20,010	21,146	22,425	23,664	24,335	23,908	24,014	24,201
Insured	13,332	18,043	19,619	20,730	21,993	23,186	23,788	23,314	23,380	23,535
Noninsured	264	348	391	416	432	478	547	594	634	666
Mutual savings banks, total	1,581	2,322	2,781	3,006	3,338	3,583	3,599	3,084	3,090	3,057
Insured	1,223	1,897	2,302	2,517	2,840	3,066	3,217	2,733	2,760	2,728
Noninsured	358	425	479	489	498	517	382	351	330	329

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report*.

No. 823. Changes in Number of Operating Banking Offices: 1970 to 1984

[As of **December 31**. Includes Puerto Rico and outlying areas. Minus sign (–) indicates decrease]

Type of change	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Banking offices [1]	**37,166**	**47,239**	**50,695**	**52,608**	**54,926**	**57,232**	**59,348**	**57,913**	**59,050**	**60,067**
Number of banks	14,199	15,130	15,207	15,206	15,201	15,330	15,355	15,412	15,440	15,489
Number of branches [1]	22,967	32,109	35,488	37,402	39,725	41,902	43,993	42,501	43,610	44,578
Net change during year	**1,584**	**1,931**	**2,041**	**1,909**	**2,318**	**2,306**	**2,116**	**–1,435**	**1,137**	**1,017**
Offices opened	1,864	2,224	2,524	2,426	2,891	2,800	2,901	2,387	2,119	2,338
Banks	186	277	206	184	239	271	265	379	432	486
Branches	1,678	1,947	2,318	2,242	2,652	2,529	2,636	2,008	1,687	1,852
Offices closed	280	293	483	517	573	494	785	3,822	982	1,321
Banks	165	108	169	185	244	142	240	322	404	427
Branches	115	185	314	332	329	352	545	[2] 3,500	578	894

[1] See headnote, table 822. [2] Includes 3,000 automatic teller machines that were previously reported as branches.
Source: U.S. Federal Deposit Insurance Corporation, *Annual Report*.

NO. 824. DOMESTIC DEPOSIT MARKET SHARES BY TYPE OF INSTITUTION—STATES: 1984

[As of **Dec. 31**, except FSLIC-insured savings institutions, as of **June 30**]

REGION, DIVISION AND STATE	Total (mil. dol.)	PERCENT DISTRIBUTION			
		F.D.I.C.-insured commercial banks [1]	F.S.L.I.C.-insured savings institutions [2]	Mutual savings banks [3]	Credit unions [4]
U.S.	**2,641,691**	**62.0**	**27.3**	**6.9**	**3.9**
Region:					
Northeast	703,340	57.7	15.1	24.7	2.5
Midwest	617,866	66.8	29.1	.1	4.0
South	772,200	66.7	28.7	.3	4.3
West	548,285	55.3	39.0	.9	4.9
N.E	**147,998**	**48.7**	**8.4**	**37.7**	**5.2**
ME	8,675	45.1	7.6	39.8	7.5
NH	9,948	47.1	14.0	34.0	5.0
VT	4,608	70.7	5.8	19.8	3.7
MA	73,137	51.6	5.9	37.0	5.5
RI	9,090	56.0	8.7	25.2	10.2
CT	42,540	40.7	11.8	44.0	3.5
M.A	**555,342**	**60.1**	**16.8**	**21.2**	**1.8**
NY	334,456	60.7	10.6	27.2	1.4
NJ	88,353	50.1	36.2	11.8	1.9
PA	132,533	65.4	19.6	12.4	2.6
E.N.C	**417,608**	**64.6**	**30.8**	**.1**	**4.4**
OH	98,504	57.0	39.3	–	3.7
IN	48,801	72.4	21.3	.6	5.6
IL	147,832	64.6	32.6	–	2.8
MI	78,094	68.5	24.4	–	7.1
WI	44,377	66.4	28.2	.1	5.3
W.N.C	**200,258**	**71.4**	**25.5**	**–**	**3.1**
MN	45,717	74.8	21.8	–	3.4
IA	32,016	75.1	22.1	–	2.8
MO	55,778	67.0	29.9	–	3.1
ND	8,398	68.3	27.9	–	3.9
SD	10,036	86.0	12.1	–	1.9
NE	18,952	70.1	27.2	–	2.7
KS	29,361	67.0	29.8	–	3.2
S.A	**353,706**	**60.7**	**33.8**	**.6**	**5.0**
DE	10,291	85.4	2.6	10.0	2.1
MD	32,970	62.5	28.2	3.0	6.3
DC	13,678	67.0	25.8	–	7.2
VA	46,735	64.7	25.9	–	9.4
WV	13,566	83.1	13.9	–	2.9
NC	42,680	67.3	27.7	–	5.0
SC	18,474	56.1	38.7	–	5.2
GA	44,187	68.9	26.6	–	4.5
FL	130,925	49.7	46.9	–	3.3
E.S.C	**110,914**	**74.6**	**20.9**	**–**	**4.5**
KY	29,431	75.9	21.7	–	2.4
TN	37,754	72.3	21.9	–	5.8
AL	26,841	73.3	20.5	–	6.2
MS	16,888	79.2	18.3	–	2.5
W.S.C	**307,580**	**70.8**	**25.6**	**–**	**3.5**
AR	20,576	68.4	30.4	–	1.2
LA	42,438	70.4	27.0	–	2.6
OK	36,173	75.5	20.4	–	4.1
TX	208,393	70.4	25.8	–	3.8
Mt	**111,530**	**65.9**	**28.1**	**–**	**6.1**
MT	7,827	77.9	16.5	–	5.6
ID	7,312	78.7	16.6	–	4.8
WY	5,333	75.1	21.9	–	3.0
CO	32,897	59.9	34.3	–	5.8
NM	11,332	65.8	28.5	–	5.7
AZ	28,411	64.8	30.5	–	4.6
UT	10,895	69.8	17.3	–	12.9
NV	7,523	59.0	33.8	–	7.2
Pac	**436,755**	**52.5**	**41.8**	**1.1**	**4.6**
WA	39,035	56.6	24.3	12.2	6.8
OR	21,859	58.9	34.2	.9	6.0
CA	359,143	51.2	44.9	–	3.9
AK	4,619	74.3	7.1	1.3	17.3
HI	11,899	59.1	31.5	–	9.4

– Represents zero. [1] Source: U.S. Federal Deposit Insurance Corporation (F.D.I.C.), unpublished data. [2] Source: U.S. Federal Home Loan Bank Board, *Summary of Savings Accounts by Geographic Areas*, annual. F.S.L.I.C.–Federal Savings and Loan Insurance Corporation. [3] Source: National Council of Savings Institutions, Washington, DC, *1985 Fact Book of National Council of Savings Institutions*. Preliminary. [4] Source: Credit Union National Association, Inc., Madison, WI, *Credit Union Report*, annual. Preliminary estimates based on projections from 16,000 reporting credit unions.

Source: Compiled by U.S. Bureau of the Census from sources listed in footnotes.

NO. 825. CHANGES IN COMMERCIAL BANKING STRUCTURE: 1953 TO 1983

[Minus sign (–) indicates decrease]

CHANGE	1953–1983	1971 and 1972	1973 and 1974	1975 and 1976	1977 and 1978	1979 and 1980	1981 and 1982	1983
All commercial banks:								
Number of banks, beginning of period	14,074	13,686	13,927	14,458	14,671	14,711	14,836	14,960
New banks organized	6,154	472	752	464	380	500	649	374
Mergers and absorptions	–4,929	–218	–214	–234	–330	–306	–505	–300
Voluntary liquidations, suspensions	–267	–13	–7	–17	–10	–69	–14	–2
Number of banks, end of period	15,032	13,927	14,458	14,671	14,711	14,836	14,960	15,032
Net change in banks	958	241	531	213	40	125	124	72
Number of branches, end of period	40,380	24,611	28,432	31,119	34,579	38,492	39,532	40,380
Net change in branches	34,854	2,967	3,821	2,687	3,460	3,913	1,040	848

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly; *Annual Statistical Digest*; and unpublished data.

No. 826. Commercial Banks—Domestic Assets and Deposits, States and Other Areas: 1984

[In millions of dollars, except as indicated. As of December 31. Excludes foreign branches of U.S. banks]

State or other area	All commercial banks [1]					Insured commercial banks					
	Assets		Deposits			Assets				Deposits	
							Gross loans				
	Total	Percent held by multibank holding companies	Total	Per capita [2] (dol.)	Percent held by multibank holding companies	Total [3]	Total [3]	Commercial and industrial	Real estate	Total [3]	Time and savings
Total	(NA)	(NA)	(NA)	(NA)	(NA)	**2,107,983**	**1,240,751**	**426,194**	**374,760**	**1,644,999**	**1,230,917**
U.S	**2,147,651**	**63.3**	**1,633,406**	**6,917**	**59.8**	**2,098,494**	**1,237,037**	**425,067**	**373,765**	**1,637,325**	**1,224,709**
AL	24,490	66.8	19,582	4,908	63.7	24,587	12,591	3,718	3,812	19,681	15,012
AK	4,435	20.6	3,581	7,162	20.7	4,430	2,753	923	1,304	3,581	2,599
AZ	21,442	26.5	18,423	6,034	25.4	21,341	13,997	4,283	4,839	18,423	13,750
AR	16,387	33.9	14,077	5,993	32.1	16,388	8,675	2,863	3,190	14,077	11,465
CA	225,065	66.9	184,024	7,182	65.7	215,511	148,970	48,834	57,812	183,896	135,938
CO	23,998	74.4	19,674	6,191	72.4	24,068	14,471	4,864	4,765	19,695	14,005
CT	21,493	42.1	17,318	5,491	42.7	20,836	12,973	4,337	4,633	17,318	11,865
DE	18,474	64.0	8,785	14,331	41.8	18,452	15,004	4,088	2,271	8,785	7,344
DC	11,587	41.8	9,161	14,705	42.8	11,113	8,299	2,085	2,098	9,161	6,492
FL	76,158	67.5	64,999	5,922	67.2	75,836	43,262	10,517	18,412	65,095	48,989
GA	38,610	71.2	30,056	5,148	68.1	38,287	22,102	6,590	6,086	30,437	20,719
HI	8,210	5.9	7,033	6,769	6.3	7,358	4,656	1,252	2,156	7,033	5,689
ID	6,824	82.7	5,752	5,746	81.8	6,824	4,316	1,306	1,157	5,752	4,787
IL	133,229	63.3	95,416	8,289	55.2	132,683	76,962	32,147	19,276	95,510	72,094
IN	42,233	4.9	35,247	6,411	5.0	41,743	22,684	5,697	8,084	35,343	28,635
IA	27,794	37.8	23,890	8,210	37.8	27,954	13,886	3,117	3,697	24,033	20,202
KS	22,631	13.5	19,668	8,067	13.2	22,636	11,888	3,700	2,864	19,668	16,014
KY	27,382	29.1	22,299	5,990	26.4	27,423	14,397	4,128	4,709	22,339	17,319
LA	35,237	11.3	29,886	6,698	10.4	35,202	19,264	6,590	6,601	29,889	22,644
ME	4,588	68.4	3,909	3,381	68.0	4,588	2,787	823	963	3,909	3,010
MD	27,122	58.6	20,516	4,717	56.0	26,408	14,803	4,272	5,481	20,614	14,721
MA	49,205	73.5	37,650	6,494	72.6	48,708	28,717	12,509	7,426	37,752	25,731
MI	64,621	84.0	53,029	5,843	82.5	64,095	37,070	11,878	12,457	53,528	43,272
MN	45,776	69.3	34,217	8,221	63.8	45,222	26,823	9,379	6,881	34,217	26,673
MS	15,675	-	13,383	5,151	-	15,631	7,946	1,987	2,893	13,383	10,637
MO	45,395	76.3	37,293	7,447	74.1	45,263	23,774	6,904	7,995	37,394	27,843
MT	7,140	67.2	6,096	7,398	65.8	7,138	3,974	1,337	968	6,096	5,099
NE	15,609	35.2	13,279	8,268	32.8	15,601	8,608	1,980	1,384	13,279	10,627
NV	5,407	49.6	4,345	4,769	49.8	5,514	3,128	904	1,373	4,440	3,154
NH	5,440	76.5	4,681	4,791	73.1	5,440	3,481	827	1,609	4,681	3,845
NJ	51,830	62.8	44,149	5,875	61.4	51,724	29,873	9,475	11,407	44,254	31,562
NM	8,730	56.4	7,543	5,297	56.8	8,638	4,948	1,821	1,535	7,459	5,957
NY	349,671	82.0	202,904	11,441	82.0	320,725	176,754	78,909	32,014	203,032	130,616
NC	38,709	61.1	28,847	4,679	54.6	38,699	22,961	7,325	6,671	28,847	21,496
ND	6,628	43.1	5,733	8,357	42.5	6,625	3,418	954	859	5,733	4,822
OH	71,450	81.4	55,669	5,178	79.3	70,136	39,982	11,477	11,900	56,126	44,142
OK	32,139	39.1	27,338	8,289	35.9	32,104	17,731	6,543	5,502	27,304	21,371
OR	16,490	78.9	12,876	4,815	76.4	16,213	9,881	3,439	3,053	12,876	10,119
PA	115,539	62.9	86,632	7,279	58.2	112,595	67,338	22,790	16,650	86,727	68,355
RI	7,448	56.9	5,091	5,292	49.3	7,445	4,268	1,656	1,283	5,091	3,849
SC	12,952	4.6	10,366	3,141	5.0	12,847	6,936	1,775	1,902	10,366	7,420
SD	13,274	79.9	8,629	12,222	72.8	13,273	10,328	950	730	8,629	7,780
TN	32,426	40.5	27,200	5,766	39.5	31,937	17,301	4,946	5,473	27,302	21,234
TX	187,520	73.1	145,977	9,130	69.9	187,986	115,232	46,296	38,770	146,642	110,745
UT	9,721	45.8	7,604	4,603	47.3	9,660	5,710	1,673	2,377	7,604	5,769
VT	3,628	31.1	3,260	6,151	31.3	3,628	2,561	593	1,296	3,260	2,721
VA	37,335	52.6	30,037	5,329	52.3	37,375	24,449	6,350	7,974	30,223	23,622
WA	27,761	77.2	22,105	5,083	75.4	27,083	18,084	6,458	5,498	22,105	16,757
WV	13,354	35.7	11,279	5,778	34.0	13,355	6,414	1,129	2,849	11,279	9,452
WI	34,854	58.4	28,891	6,062	56.0	35,431	20,257	5,776	8,159	29,452	23,467
WY	4,535	63.1	4,006	7,840	62.7	4,535	2,349	890	669	4,006	3,282
AM [4]	(NA)	(NA)	(NA)	(NA)	(NA)	18	12	4	-	15	11
PR	(NA)	(NA)	(NA)	(NA)	(NA)	9,300	3,602	1,073	980	7,515	6,092
GU [4]	(NA)	(NA)	(NA)	(NA)	(NA)	171	100	50	15	144	105

- Represents zero. NA Not available. [1] Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest*. Data reflect revisions submitted by banks after original filing date. [2] Based on U.S. Bureau of the Census resident population estimates as of July 1. [3] Includes other items not shown separately. [4] Consists of data for one insured commercial bank chartered in the outlying area.

Source: Except as noted, U.S. Federal Deposit Insurance Corporation, unpublished data.

No. 827. Insured Commercial Banks—Assets and Liabilities: 1975 to 1984

[**In billions of dollars, except number of banks.** As of **Dec. 31.** Excludes noninsured banks and nondeposit trust companies. Includes outlying areas. 1975 includes American branches of foreign banks. See *Historical Statistics, Colonial Times to 1970*, series X 588-609, for related data]

ITEM	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Number of banks	14,384	14,411	14,412	14,391	14,364	14,434	14,414	14,452	14,465	14,481
Assets	1,095.4	1,182.4	1,339.4	1,508.3	1,692.1	1,855.7	2,029.1	2,194.3	2,342.1	2,508.6
Securities, total [1]	231.5	254.4	264.5	276.4	293.9	334.4	352.1	386.0	441.3	385.8
U.S. Treasury, direct obligations	81.0	96.9	96.0	89.8	88.4	104.5	103.7	118.7	168.1	108.2
Obligations of States and subdivisions	100.9	103.6	113.0	123.6	132.8	146.3	151.5	155.2	158.4	[2] 120.9
Federal funds sold and securities purchased [3]	37.0	45.9	49.8	49.0	61.3	70.3	91.2	103.9	93.5	110.8
Net loans and leases [4]	590.1	626.7	722.8	833.0	935.6	1,006.4	1,120.2	1,211.6	1,301.3	1,489.7
Commercial and industrial loans	(NA)	(NA)	(NA)	308.6	351.1	391.0	454.6	504.4	524.8	565.0
Real estate loans	(NA)	(NA)	(NA)	217.1	249.3	269.1	291.4	308.0	336.8	385.6
Loans to depository institutions [5]	(NA)	(NA)	(NA)	65.4	69.5	81.2	94.7	106.9	109.2	72.3
Loans to farmers (excl. real estate)	(NA)	(NA)	(NA)	28.6	31.4	32.3	33.7	37.0	39.9	40.7
Other loans to individuals	(NA)	(NA)	(NA)	171.8	192.7	187.4	193.0	199.2	224.6	266.9
All other loans	(NA)	(NA)	(NA)	59.1	60.8	62.6	69.4	73.1	83.6	[2] 176.6
Lease financing receivables	(NA)	(NA)	(NA)	9.1	11.8	14.0	15.9	16.7	17.1	20.2
Cash, balances with banks, etc.	189.4	203.8	243.0	274.1	306.6	331.9	327.4	334.3	341.9	323.5
Other	47.4	51.7	59.2	75.9	94.7	112.6	138.2	158.5	164.2	198.9
Liabilities and equity capital	[6] 1,095.4	1,182.4	1,339.4	1,508.3	1,692.1	1,855.7	2,029.1	2,194.3	2,342.1	2,508.6
Deposits	915.9	991.9	1,116.6	1,233.7	1,363.1	1,481.2	1,588.8	1,706.5	1,842.5	1,962.6
Demand [7]	(NA)	(NA)	378.7	384.0	414.8	415.1	369.2	354.2	370.6	414.0
Time and savings [7]	(NA)	(NA)	550.4	613.5	659.8	755.6	885.1	1,028.1	1,140.9	1,230.9
Individuals, partnerships and corporations [7]	(NA)	(NA)	762.9	839.0	914.5	1,007.8	1,103.9	1,214.9	1,353.6	1,466.8
Government [7]	(NA)	(NA)	84.6	88.1	86.5	84.2	85.3	90.0	86.7	96.5
Domestic interbank, foreign government, and other banks in foreign countries [7 8]	(NA)	(NA)	67.6	69.5	72.8	77.7	64.2	77.5	70.8	55.6
Miscellaneous liabilities	101.6	113.0	137.7	181.0	225.5	260.4	315.4	351.5	352.0	381.4
Subordinated notes and debentures	4.4	5.2	5.8	6.2	6.3	6.5	6.5	7.3	7.1	10.2
Equity capital	64.3	72.3	79.3	87.4	97.2	107.6	118.3	128.9	140.5	154.3

NA Not available. [1] Book value. Includes other categories not shown separately. [2] Beginning 1984, nonrated industrial development and other obligations of States and political subdivisions are included under all other loans. [3] Under agreements to resell. [4] Excludes allowance for loan and lease losses and unearned income. [5] Includes loans to foreign banks. [6] Includes reserves on loans and securities, not shown separately. [7] Covers domestic offices only. [8] Includes official institutions in foreign countries.

Source: U.S. Federal Deposit Insurance Corporation, *Assets and Liabilities: Commercial and Mutual Savings Banks*, semiannual; beginning 1978, *Annual Report;* and unpublished data.

No. 828. Insured Commercial Banks—Selected Measures of Financial Condition: 1975 to 1984

[As of **December 31**]

ITEM	Unit	1975	1977	1978	1979	1980	1981	1982	1983	1984
Number of banks	Number	14,384	14,412	14,391	14,364	14,434	14,414	14,452	14,465	14,481
Equity and debt capital	Bil. dol.	70.3	85.1	93.2	103.3	114.1	124.8	136.2	147.6	164.5
Equity capital to total assets	Percent	6.1	5.9	5.8	5.7	5.8	5.8	5.9	6.0	6.2
Equity capital to total deposits	Percent	8.5	7.1	7.1	7.1	7.3	7.4	7.6	7.6	7.9
Debt capital to total capital	Percent	6.3	6.9	6.6	6.1	5.7	5.2	5.4	5.0	6.6
Total capital to total assets	Percent	6.5	6.4	6.2	6.1	6.2	6.2	6.2	6.3	6.6
Total capital to total liabilities	Percent	6.9	6.8	6.6	6.5	6.6	6.6	6.6	6.7	7.0
Total capital to risk assets	Percent	9.0	8.8	8.5	8.3	8.4	8.2	8.2	8.4	8.5
Total loans, excluding Federal funds	Bil. dol.	579.4	722.4	828.5	931.2	1,002.5	912.3	1,208.1	1,299.9	1,488.0
Total loans to deposits	Percent	63.4	64.7	67.4	68.4	67.7	70.2	70.8	70.5	75.8
Net loan losses to average total loans	Percent	.61	.47	.37	.34	.38	.36	.56	.68	.76
Aggregate net operating income [1]	Mil. dol.	7,146	8,726	10,899	13,126	14,484	15,600	15,587	14,907	15,540
Aggregate net income to average equity capital	Percent	11.3	11.5	13.1	14.3	14.1	13.8	12.1	11.1	10.7
Aggregate net income to total assets	Percent	.72	.75	.82	.88	.78	.77	.72	.64	.63

[1] After taxes and before security transactions.

Source: U.S. Federal Deposit Insurance Corporation, *The Condition of the Financial System*, May 1980, and unpublished data.

No. 829. Banks Closed Due to Financial Difficulties and Problem Banks: 1971 to 1984

[Banks are closed either permanently or temporarily by order of supervisory authorities or by directors of banks. See *Historical Statistics, Colonial Times to 1970,* series X 741, 748, 756, and 761]

ITEM	Unit	1971–1980	1977	1978	1979	1980	1981	1982	1983	1984
Total banks	Number	83	6	7	10	10	10	42	49	80
Insured	Number	79	6	7	10	10	10	42	48	79
Noninsured	Number	4	–	–	–	–	–	–	1	1
Deposits	$1,000	5,371,655	205,208	854,154	110,696	216,300	3,826,022	9,908,379	5,459,162	2,961,596
Insured	$1,000	5,290,491	205,208	854,154	110,696	216,300	3,826,022	9,908,379	5,441,608	2,932,300
Noninsured	$1,000	81,164	–	–	–	–	–	–	17,554	29,296
Problem banks[1]	Number	(X)	368	342	287	217	223	369	642	848

– Represents zero. X Not applicable.
[1] FDIC insured commercial and mutual savings banks considered to be problem banks by the supervisory authorities.
Source: U.S. Federal Deposit Insurance Corporation, *Annual Report;* and unpublished data.

No. 830. Bank Holding Companies—Offices, Assets, Deposits: 1970 to 1984

[As of **Dec. 31.** A "bank holding company" means any company which has control over any bank or over any company that is, or becomes, a bank holding company by virtue of the Bank Holding Company Act and its amendments. Represents domestic data only]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Number of companies	121	1,821	2,027	2,222	2,478	2,905	3,500	4,285	5,399	6,068
Banking offices	4,155	22,056	24,243	25,614	27,099	29,924	33,733	37,068	41,349	44,259
Banks	895	3,674	3,903	4,101	4,280	4,954	5,689	6,731	7,835	8,628
Branches	3,260	18,382	20,340	21,513	22,819	24,970	28,044	30,337	33,514	35,631
Assets (bil. dol.)	92.9	661.3	795.1	905.0	1,004.7	1,134.4	1,296.7	1,537.9	2,019.8	2,147.7
Percent of all commercial banks	16.1	66.5	66.2	66.7	70.6	74.1	77.3	82.6	86.0	88.1
Deposits (bil. dol.)	78.1	527.5	624.3	691.1	744.7	840.6	938.7	1,113.7	1,527.2	1,633.4

Source: Board of Governors of the Federal Reserve System, *Banking and Monetary Statistics, 1941–1970; Annual Statistical Digest;* and unpublished data.

No. 831. Foreign Branches of U.S. Federal Reserve Member Banks—Number and Assets: 1970 to 1984

[**As of year end.** The foreign branch activities of nonmember banks are not significant]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Member banks operating foreign branches	Number	79	126	130	137	139	159	159	162	166	[1] 163
Foreign branches	Number	532	762	730	761	789	787	841	900	892	[1] 905
Assets of foreign branches [2] [3]	Bil. dol.	50.0	145.3	205.0	232.0	279.5	310.5	343.3	341.3	333.1	[4] 320
Percent of total assets of all insured commerical banks [5]	Percent	7.3	13.1	15.0	15.0	15.4	16.3	16.1	14.2	11.9	[4] 10.8
Assets of branches in United Kingdom [2]	Bil. dol.	24.0	66.7	79.2	78.2	95.0	107.4	111.9	110.8	132.4	(NA)
Assets of branches in The Bahamas and Cayman Islands [2]	Bil. dol.	4.0	36.6	64.2	67.9	87.5	93.3	104.8	100.5	116.7	(NA)

NA Not available. [1] Preliminary. [2] Data exclude claims on other foreign branches of the same bank. [3] Includes assets of foreign branches in countries other than those shown separately. [4] Estimated. [5] Percentages reflect adjustments to exclude foreign branch claims on the U.S. offices of their parent banks.

No. 832. U.S. Banking Offices of Foreign Banks—Selected Assets and Liabilities: 1975 to 1985

[As of **December,** except as indicated. Offices include agencies, branches, subsidiary commercial banks and New York investment companies, and exclude Puerto Rican banks]

ITEM	Unit	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984[1]	1985[1] Mar.
Assets, total	Bil. dol.	52.4	61.3	76.8	109.1	149.6	200.6	250.6	299.7	331.9	380.4	362.4
Loans, total	Bil. dol.	29.9	35.4	41.5	65.3	91.9	121.4	157.7	185.1	194.2	210.2	198.2
Business loans	Bil. dol.	19.9	19.7	22.0	32.7	48.2	59.6	79.6	82.5	85.3	96.2	89.2
Deposits, total	Bil. dol.	22.6	26.1	33.8	46.3	62.8	80.4	101.8	154.3	183.4	226.2	219.3
SHARE [2]												
Assets, total	Percent	5.3	5.8	6.4	8.0	9.9	11.9	13.5	14.4	14.7	15.7	16.1
Loans, total	Percent	5.7	6.4	6.6	8.8	10.9	13.4	15.4	16.2	15.7	15.1	14.9
Business loans	Percent	10.4	10.2	10.3	13.1	16.3	18.2	19.2	18.8	18.5	19.3	19.2
Deposits, total	Percent	2.9	3.1	3.6	4.5	5.6	6.6	7.7	10.3	11.2	12.7	13.0

[1] Preliminary. [2] Percent of "domestically owned" commercial banks plus U.S. offices of foreign banks.
Source of tables 831 and 832: Board of Governors of the Federal Reserve System, unpublished data.

No. 833. 500 Largest Banks in the World—Number and Deposits, by Location of Bank: 1970 to 1984

[**Deposits in billions of dollars, except percent.** Data cover U.S. commercial banks and foreign banks that conduct a commercial banking business; beginning 1983, includes U.S. and foreign savings banks. *Beginning 1981, covers top 500 banks* in assets available. Number of banks includes banks more than 50 percent owned by other banks. To avoid double-counting of deposits, banks more than 50 percent owned by other banks are excluded from deposit totals if their parent bank consolidates their deposits]

LOCATION OF BANK	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	PERCENT		
											1970	*1980*	*1984*
NUMBER													
U.S. banks	185	137	115	106	95	93	97	97	102	115	37.0	18.6	23.0
Foreign banks	315	363	385	394	405	407	403	403	398	385	63.0	81.4	77.0
DEPOSITS													
Total	890.0	2,175.6	2,980.0	3,888.5	4,507.9	4,993.6	5,212.9	5,230.4	5,682.9	5,864.4	100.0	100.0	100.0
U.S. banks	296.1	493.7	577.0	635.1	697.4	753.5	806.1	794.2	881.7	960.6	33.3	15.1	16.4
Foreign banks	593.9	1,681.9	2,403.0	3,253.4	3,810.5	4,240.1	4,406.8	4,436.2	4,801.2	4,903.8	66.7	84.9	83.6

Source: *American Banker*, New York, NY, selected July issues.

No. 834. Foreign Lending by Large U.S. Banks, by Country, Type of Borrower, and Maturity: 1984

[**In millions of dollars.** As of **December.** Covers 206 U.S. banking organizations which do nearly all of the foreign lending in the country. Data represent claims on foreign residents and institutions held at all domestic and foreign offices of covered banks. Data cover only cross-border and non-local currency lending. These result from a U.S. bank's office in one country lending to residents of another country or lending in a currency other than that of the borrower's country. Excludes $84.4 billion in local currency loans and other claims and $54.3 billion in local currency liabilities held by banks' foreign offices on residents of the country in which the office was located (e.g. Deutsche mark loans to German residents booked at the German branch of the reporting U.S. bank)]

COUNTRY	CLAIMS		Bank borrowers	Public borrowers	COUNTRY	CLAIMS		Bank borrowers	Public borrowers
	Total [1]	Percent short-term [2]				Total [1]	Percent short-term [2]		
Total [3]	**323,329**	**66**	**155,483**	**78,053**	Korea, Rep. of	9,956	67	4,808	2,353
Algeria	1,020	31	333	585	Kuwait	1,260	42	865	11
Argentina	7,975	67	1,811	4,042	Liberia	2,087	33	10	56
Australia	6,150	51	937	489	Malaysia	1,726	18	120	965
Austria	1,760	80	1,324	348	Mexico	*26,525*	29	4,428	13,503
Bahamas	6,555	94	6,117	54	Morocco	911	69	483	380
Bahrain	1,962	98	1,808	55	Netherlands	2,529	75	1,001	151
Belgium-Luxembourg	7,685	89	6,239	502	Netherlands Antilles	1,397	62	424	33
Brazil	*23,869*	36	*8,088*	11,918	New Zealand	*905*	*38*	*51*	177
British West Indies	7,878	98	7,597	153	Nigeria	1,539	46	152	1,227
Canada	12,054	76	7,174	576	Norway	3,387	46	663	136
Chile	6,697	33	2,932	2,629	Panama	3,313	60	1,237	412
China:					Peru	2,357	56	406	1,590
Mainland	878	85	353	416	Philippines	5,454	65	1,168	2,443
Taiwan	2,845	62	916	818	Poland	693	11	299	391
Colombia	2,967	58	1,149	1,139	Portugal	1,466	52	588	722
Denmark	2,643	60	990	361	Saudi Arabia	1,854	72	459	16
Ecuador	2,144	50	227	1,729	Singapore	7,085	95	5,812	147
Egypt	*1,284*	72	870	182	South Africa	*4,705*	*84*	*3,229*	*353*
Finland	2,114	71	1,229	322	Soviet Union	143	41	106	32
France	12,328	79	9,288	1,607	Spain	5,634	52	2,219	1,406
German Dem. Rep.	372	59	210	150	Sweden	4,000	77	2,556	747
Germany, Fed. Rep	4,252	78	1,439	562	Switzerland	2,998	83	1,256	140
Greece	2,966	34	233	907	Thailand	2,191	75	1,055	266
Hong Kong	7,302	81	4,060	44	Turkey	2,018	41	413	1,488
Hungary	765	46	81	663	United Arab Emirates	1,099	88	680	220
India	755	49	202	322	United Kingdom	40,346	87	30,143	750
Indonesia	3,382	56	342	1,019	Uruguay	1,064	32	49	891
Ireland	1,205	54	456	529	Venezuela	*10,813*	*80*	*2,263*	*5,375*
Israel	2,064	77	1,471	404	Yugoslavia	2,379	34	1,222	962
Italy	9,049	65	5,391	2,369					
Japan	18,160	80	11,589	182					

[1] Includes nonbank private borrowers, not shown separately. [2] Maturity, one year or less. [3] Includes countries not shown separately.

Source: Board of Governors of the Federal Reserve System, Federal Financial Institutions Examination Council, statistical release.

NO. 835. SAVINGS AND LOAN ASSOCIATIONS—FINANCIAL SUMMARY: 1970 TO 1984

[**In billions of dollars, except number of associations.** As of **December 31**, except as indicated. Includes Puerto Rico and Guam. Excludes associations which have either liquidated or converted to banks; for details, see source. Minus sign (−) indicates outflow. See also *Historical Statistics, Colonial Times to 1970*, series X 834-844]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Number of associations	5,669	4,931	4,821	4,761	4,725	4,684	4,613	4,292	3,825	3,502	3,391
Number insured	4,365	4,078	4,044	4,065	4,053	4,039	4,002	3,779	3,343	3,040	2,938
Total assets	**176.2**	**338.2**	**391.9**	**459.2**	**523.6**	**579.0**	**629.8**	**664.2**	**707.6**	**773.4**	**902.4**
Cash and investment securities	16.5	30.9	35.7	39.2	44.9	46.3	57.6	63.1	85.4	104.3	125.4
Mortgage loans outstanding [1]	150.3	278.6	323.0	381.2	432.9	475.7	502.8	518.5	483.6	494.8	555.3
Other assets	9.3	28.7	33.2	38.9	45.9	56.9	69.4	82.6	138.6	174.3	221.7
Total liabilities	**163.8**	**318.5**	**369.9**	**434.0**	**494.6**	**546.3**	**596.4**	**635.8**	**681.4**	**742.5**	**867.6**
Deposit accounts	146.4	285.7	335.9	386.8	431.0	470.0	511.0	525.1	568.0	634.5	724.3
Other	17.4	32.7	34.0	47.2	63.6	76.3	85.4	110.7	113.4	108.0	143.3
Net worth [2]	12.4	19.8	22.0	25.2	29.0	32.6	33.4	28.4	26.2	30.9	34.8
Mortgage loans made during year [1 3 4]	**21.4**	**55.0**	**78.8**	**107.4**	**110.3**	**100.5**	**72.5**	**53.3**	**54.3**	**135.3**	**157.0**
Home construction [4]	4.2	8.7	13.0	18.2	20.1	18.6	13.5	10.3	9.1	18.5	18.5
Home purchase [4]	*10.2*	*30.7*	*45.7*	*62.5*	*65.6*	*60.7*	*41.9*	*27.5*	*20.5*	*50.2*	59.1
Net new savings [5]	5.3	29.3	34.4	32.0	23.5	15.0	10.7	−25.4	−6.4	63.2	56.9

[1] Includes real estate sold on contract. [2] Includes permanent stock. [3] Includes loans not shown separately. [4] Covers only 1-4 unit residential structures. [5] Insured institutions only. Includes FSLIC-insured savings and loan associations and FSLIC-insured savings banks.

Source: U.S. Federal Home Loan Bank Board, *Savings and Home Financing Source Book*, annual.

NO. 836. SAVINGS INSTITUTIONS—SELECTED FINANCIAL ITEMS, STATES AND OTHER AREAS: 1983

[**In millions of dollars, except number of associations.** As of **December 31**, except some State-chartered institutions submit their reports on dates other than Dec. 31. Covers savings and loan associations and savings banks. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	Number of institutions	Total assets	Mortgage loans outstanding	Deposits
Total	**3,645**	**833,836**	**528,536**	**684,055**
U.S.	**3,631**	**830,141**	**526,912**	**681,643**
Region:				
Northeast	719	118,949	67,677	101,476
Midwest	1,159	213,293	134,328	179,562
South	1,366	242,163	158,358	205,796
West	387	255,736	166,549	194,809
N. Eng	**205**	**20,648**	**13,354**	**17,981**
ME	18	808	476	702
NH	14	1,502	1,092	1,343
VT	4	286	207	255
MA	129	8,680	5,887	7,583
RI	4	905	678	766
CT	36	8,467	5,014	7,332
Mid Atl	**514**	**98,301**	**54,323**	**83,495**
NY	88	32,027	14,912	26,882
NJ	166	37,656	20,469	31,538
PA	260	28,618	18,942	25,075
E. No. Cent	**856**	**154,171**	**96,144**	**131,201**
OH	316	48,275	32,380	41,346
IN	125	11,018	7,789	9,912
IL	278	52,233	30,260	45,723
MI	52	28,598	15,907	21,784
WI	85	14,047	9,808	12,436
W. No. Cent	**303**	**59,122**	**38,184**	**48,361**
MN	40	11,984	6,365	9,632
IA	60	*8,265*	*5,841*	*6,899*
MO	88	18,082	12,169	15,681
ND	7	2,872	1,825	2,252
SD	17	1,296	839	1,172
NE	26	6,959	4,835	4,909
KS	65	9,664	6,310	7,816
So. Atl	**650**	**134,280**	**88,271**	**114,113**
DE	17	299	200	261
So. Atl.—Con.				
MD	158	15,682	10,210	13,414
DC	7	3,299	2,070	2,684
VA	70	15,589	10,068	12,878
WV	20	2,041	1,275	1,816
NC	151	14,904	10,114	13,298
SC	44	7,788	5,285	6,772
GA	68	12,268	8,314	11,034
FL	115	62,410	40,735	51,956
E. So. Cent	**235**	**24,786**	**16,635**	**22,251**
KY	74	6,886	4,846	6,197
TN	76	8,840	5,934	7,870
AL	37	5,768	3,791	5,222
MS	48	3,292	*2,064*	*2,962*
W. So. Cent	**481**	**83,097**	**53,452**	**69,432**
AR	40	6,324	3,745	5,727
LA	111	12,052	8,202	10,721
OK	55	8,267	5,534	6,816
TX	275	56,454	35,971	46,168
Mt	**129**	**36,504**	**22,622**	**28,177**
MT	12	1,181	817	1,048
ID	9	1,341	723	1,042
WY	12	1,161	768	1,009
CO	39	10,631	7,260	8,469
NM	26	3,608	2,392	2,870
AZ	8	10,253	5,418	7,564
UT	16	5,371	3,595	3,838
NV	7	2,958	1,649	2,337
Pac	**258**	**219,232**	**143,927**	**166,632**
WA	45	12,654	8,263	9,688
OR	21	8,684	5,899	6,219
CA	181	194,103	127,002	147,854
AK	5	493	282	373
HI	6	3,298	2,481	2,498
PR	12	3,615	1,573	2,353
GU	2	78	54	59

Source: U.S. Federal Home Loan Bank Board, *Asset and Liability Trends*, annual.

NO. 837. SAVINGS INSTITUTIONS (FSLIC-INSURED)—SELECTED FINANCIAL ITEMS AND RATIOS OF CONDITION: 1970 TO 1984

[As of **Dec. 31** for assets, liabilities and net worth; calendar year for other items. FSLIC-Federal Savings and Loan Insurance Corporation. Beginning 1983, includes FSLIC-insured savings and loan associations which changed to FSLIC-insured savings banks. Minus sign (−) indicates either loss or outflow]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984
Assets	**Bil. dol.**	**170.5**	**329.0**	**510.8**	**566.7**	**615.3**	**651.0**	**686.2**	**814.6**	**977.5**
Mortgage assets	Bil. dol.	146.1	280.1	439.6	486.4	519.5	542.3	555.7	647.2	751.6
Mortgage loans outstanding	Bil. dol.	146.1	271.3	423.5	466.5	492.7	509.5	494.6	554.6	638.9
Residential [1]	Bil. dol.	120.6	216.8	*347.6*	*385.5*	*409.4*	*423.5*	*399.4*	423.6	456.2
Commercial	Bil. dol.	25.2	52.8	73.1	77.8	79.7	82.0	90.4	124.6	174.1
Other	Bil. dol.	.2	1.7	2.8	3.2	3.6	4.0	4.9	6.4	8.6
Mortgage-backed securities	Bil. dol.	(NA)	8.8	16.1	19.9	26.8	32.8	61.1	92.6	112.7
Nonmortgage loans	Bil. dol.	1.9	6.6	11.5	15.8	18.7	*18.6*	20.8	29.1	46.7
Cash and securities	Bil. dol.	15.8	29.9	43.4	45.9	55.9	61.1	80.6	109.8	136.8
Other assets	Bil. dol.	6.7	12.3	16.3	18.6	21.2	29.1	29.1	28.5	42.4
Liabilities	Bil. dol.	158.6	*309.9*	*482.6*	*535.1*	*582.9*	*623.2*	660.9	781.9	940.3
Deposits without a fixed maturity	Bil. dol.	84.1	119.0	135.8	117.8	106.9	99.4	124.3	203.1	199.9
Passbook savings account	Bil. dol.	84.1	119.0	135.5	117.4	105.7	91.4	(NA)	(NA)	62.6
Money market deposit accounts	Bil. dol.	–	–	–	–	–	–	(NA)	(NA)	108.4
Transaction accounts (N.O.W.)	Bil. dol.	–	–	.3	.4	1.2	8.0	14.7	23.4	28.9
Small fixed maturity accounts	Bil. dol.	57.5	158.6	270.4	314.9	352.2	365.4	370.2	384.3	471.2
Managed liabilities	Bil. dol.	10.8	20.5	56.1	81.6	103.1	136.3	153.3	178.4	251.3
Large time deposits	Bil. dol.	(NA)	(NA)	14.2	26.8	39.7	47.5	55.5	80.0	113.4
FHLB advances	Bil. dol.	*10.5*	17.4	31.6	40.1	46.6	62.4	63.9	57.2	71.7
Other borrowing	Bil. dol.	.3	3.0	10.3	14.6	16.8	*26.4*	34.0	41.1	66.2
Other liabilities	Bil. dol.	6.2	11.8	20.3	20.8	20.8	22.1	13.1	16.1	17.9
Net worth	**Bil. dol.**	**11.9**	**19.1**	**28.1**	**41.6**	**32.4**	**27.8**	**25.3**	**32.8**	**37.2**
Net worth to total assets ratio	***Ratio***	**7.0**	**5.8**	**5.5**	**5.5**	**5.3**	**4.3**	**3.6**	**3.7**	**4.0**
Gross operating income	Bil. dol.	10.7	23.7	40.6	48.6	56.1	65.2	71.5	80.0	100.6
Operating expense	Bil. dol.	1.9	3.9	6.2	7.1	7.9	9.0	10.1	12.3	15.3
Cost of funds	*Bil. dol.*	6.1	17.6	28.7	36.4	47.4	63.3	70.3	67.7	84.4
Net income before taxes	*Bil. dol.*	1.2	*2.1*	5.7	5.2	1.2	−6.2	−5.9	2.7	1.4
Net income after taxes	Bil. dol.	.9	1.4	3.9	3.6	.8	−4.6	−4.3	2.0	1.1
Gross savings receipts	*Bil. dol.*	.62.0	151.1	266.4	354.5	454.5	520.8	634.5	879.0	1,106.6
New savings received	*Bil. dol.*	*56.5*	*138.4*	*245.7*	*330.6*	*424.2*	*482.0*	*590.8*	*832.0*	*1,052.3*
Interest/dividends credited	Bil. dol.	5.5	12.8	20.7	23.9	30.3	38.8	43.7	47.0	54.3
Savings withdrawals	Bil. dol.	51.2	109.1	222.2	315.6	413.5	507.4	597.3	768.8	995.4
Net savings *inflow*	Bil. dol.	10.8	42.1	44.2	38.9	41.0	13.4	37.3	110.2	111.2
Net *new savings received*	*Bil. dol.*	*5.3*	29.3	23.5	15.0	*10.7*	*−25.4*	*−6.4*	*63.2*	*58.9*
Mortgage loans closed	Bil. dol.	20.8	53.8	108.3	98.7	71.3	52.3	53.4	138.2	165.6
Average *cost of funds*	Percent	5.30	6.32	6.67	7.47	8.94	10.92	11.38	9.63	10.03
Average *effective dividend rate paid*	*Percent*	*5.14*	*6.21*	*6.56*	*7.29*	*8.78*	*10.71*	*11.19*	*9.71*	*9.93*
Average interest return on mortgages	Percent	6.56	7.66	8.47	8.83	9.31	9.87	10.68	11.17	11.66
Net after taxes income to average assets	Percent	.57	.47	.82	.67	.13	−.73	−.65	.27	.20

– Represents zero. NA Not available. [1] Includes 1-4- family and multifamily conventional loans and all FHA- and VA-underwritten loans.

Source: U.S. Federal Home Loan Bank Board, *Combined Financial Statements,* annual; *Savings and Home Financing Source Book,* annual; and *Federal Home Loan Bank Board Journal,* monthly.

NO. 838. MERGERS OF FEDERAL HOME LOAN BANK MEMBERS: 1970 TO 1984

[As of **Dec. 31.** Every Federal savings and loan association, every Federal savings bank, and every State-chartered savings and loan association insured by the Federal Savings and Loan Insurance Corporation (FSLIC) is required to become a member of the Federal Home Loan Bank (FHLB). Some savings banks and savings and loan associations that are not insured by the FSLIC may elect to become members of the FHLB system]

YEAR	FHLB members	MERGERS APPROVED FOR FHLB MEMBERS					Insurance-of-accounts cases [2]
		Total		Voluntary	Supervisory [1]	FSLIC-assisted [1]	
		Number	Percent of FHLB *members*				
1970	4,792	79	1.7	(NA)	(NA)	(NA)	–
1975	4,340	130	3.0	(NA)	(NA)	(NA)	–
1979	4,242	51	1.2	(NA)	(NA)	(NA)	–
1980	4,250	141	3.3	109	21	11	–
1981	4,244	296	7.0	217	56	23	1
1982	4,029	425	10.6	215	166	44	1
1983	3,555	138	3.8	84	31	23	5
1984	3,407	49	1.4	32	10	7	9

– Represents zero. NA Not available. [1] These types of mergers involve weakened institutions with reported net worth near or below the regulatory minimum and occur when these institutions are unable to resolve their problems independently following FHLBB encouragements for internal restructuring or voluntary merger. These merger types require the FHLBB to arrange and oversee a merger and, in FSLIC-assisted cases, to provide *financial assistance.* [2] These cases are separate from FSLIC-assisted cases and involve institutions that cease to exist. Some cases are payouts and others are transfers of insured accounts, in which insured deposits became available at another institution.

Source: U.S. *Federal Home Loan Bank Board,* unpublished data.

No. 839. Federal and State-Chartered Credit Unions—Summary: 1970 to 1984

[As of December 31. Federal data include District of Columbia, Puerto Rico, Canal Zone, Guam, and Virgin Islands. Beginning 1983, State data cover only federally insured State-chartered credit unions. Beginning 1981, data exclude corporate central credit unions which have mainly other credit unions as members. See also *Historical Statistics, Colonial Times to 1970*, series X 864-878]

YEAR	CREDIT UNIONS REPORTING [1]		MEMBERS (1,000)		ASSETS (mil. dol.)		LOANS OUTSTANDING (mil. dol.)		SAVINGS (mil. dol.)	
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State
1970	12,977	10,679	11,966	10,853	8,861	9,089	6,969	7,137	7,629	7,857
1975	12,737	9,871	17,066	14,196	20,209	17,804	14,869	13,300	17,530	15,522
1980	12,440	9,025	24,519	19,235	40,092	33,143	26,350	22,633	36,263	29,480
1981	11,951	8,746	25,449	19,620	39,181	32,596	27,238	23,156	35,248	28,971
1982	11,426	8,464	26,105	20,393	45,494	36,886	28,192	23,454	41,352	33,236
1983	10,962	4,821	26,799	13,713	54,482	20,066	33,201	16,228	49,891	23,572
1984	10,547	4,645	28,170	15,205	63,658	29,189	42,132	19,951	57,927	26,327

[1] Represents operating credit unions.

Source: National Credit Union Administration, *Annual Report of the National Credit Union Administration*, and unpublished data.

No. 840. Federally Sponsored Credit Agencies—Selected Balance Sheet Items: 1970 to 1984

[In billions of dollars. As of Dec. 31. Assets and liabilities valued at par. Debt includes only publicly offered securities which are not guaranteed by U.S. Government. See *Historical Statistics, Colonial Times to 1970*, series N 300, for FHLB advances]

AGENCY AND ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Federal National Mortgage Association:											
Assets: Mortgage loans	15.5	31.8	32.9	34.4	43.2	50.8	57.3	59.8	69.7	75.7	84.4
Liabilities: Notes, bonds, and debentures	15.2	30.0	30.6	31.9	41.1	48.5	55.2	58.7	69.6	74.6	83.7
Federal Home Loan Banks (FHLB):											
Assets: Advances to members	10.6	17.8	15.9	20.2	32.7	41.8	49.0	65.2	66.0	59.0	74.6
Liabilities: Notes and bonds	10.2	18.9	16.8	18.3	27.6	33.3	41.3	58.1	56.0	48.9	65.1
Farm credit banks:											
Liabilities: Notes, bonds, and debentures	13.0	27.9	32.0	37.3	41.8	52.5	62.9	71.4	71.9	72.4	71.3
Federal Home Loan Mortgage Corporation:											
Liabilities: Notes, bonds, and debentures [1]	.3	1.6	1.7	1.7	2.3	2.8	2.5	2.6	4.5	6.8	10.3
Student Loan Marketing Association:											
Liabilities: Notes	(X)	(X)	(X)	(X)	(X)	(X)	(X)	.4	2.3	3.1	5.4

X Not applicable. [1] Includes collateralized mortgage obligations.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*. Also published in Federal National Mortgage Association, *Annual Report*, and Federal Home Loan Banks, *Statements of Condition*.

No. 841. Holdings of Construction, Long-Term Mortgage, and Land Loans, by Type of Loan, 1970 to 1984, and by Lender, 1984

[In billions of dollars. As of end of year]

TYPE OF LOAN	1970	1975	1980	1982	1983	1984						
						Total [2]	Lender					
							Savings and loan assn.	Commercial banks	Mutual savings banks	Life insurance companies	Federal credit agencies	Mortgage pools
Mortgage credits, total	422	731	1,318	1,462	1,612	1,858	641	363	106	154	176	312
Construction loans	18	41	63	78	110	142	68	64	4	1	2	-
1-4 unit family *homes*	5	13	26	26	33	37	24	12	1	-	-	-
Multifamily *residential*	6	12	14	17	23	25	12	9	1	-	2	-
Nonresidential	7	17	22	36	54	79	32	43	2	1	-	-
Farm properties	(Z)	-	-	-	-	-	-	-	-	-	-	-
Long-term mortgage *loans*	400	679	1,242	1,368	1,484	1,688	556	290	103	153	176	312
1-4 unit family *homes*	267	435	857	940	1,020	1,162	443	179	74	14	100	297
FHA insured	62	68	105	119	145	155	11	5	7	3	19	98
VA guaranteed	37	57	91	98	114	120	15	3	8	2	11	77
Conventional	168	310	661	723	760	887	417	171	58	9	69	122
Multifamily	46	82	114	116	124	149	51	10	14	19	19	7
Nonresidential	66	128	205	230	258	294	61	91	15	108	7	-
Farm properties	20	34	66	81	83	83	-	10	-	12	51	8
Land loans	4	11	13	16	18	28	17	10	-	-	-	-

- Represents zero. Z Less than $500 million. [2] Includes other lenders not shown separately.

Source: U.S. Dept. of Housing and Urban Development, *The Supply of Mortgage Credit, 1970-1979*; and monthly and quarterly press releases based on Survey of Mortgage Lending Activity.

NO. 842. MORTGAGE ACTIVITY OF BANKS, INSURANCE COMPANIES, AND SAVINGS AND LOAN ASSOCIATIONS: 1970 TO 1984

[**In billions of dollars.** *Loans outstanding* are as of **end of year.** Bank and savings and loan data include Puerto Rico. See *Historical Statistics, Colonial Times to 1970,* series N 266-267, X 836-839, and X 911]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Commercial banks:											
Loans outstanding [1]	73.3	136.2	151.3	177.8	212.7	243.8	262.3	282.7	299.0	328.0	363.4
Nonfarm residential	45.6	82.9	94.3	111.7	136.3	158.1	170.2	181.7	185.5	196.2	210.2
FHA-insured	7.9	6.3	5.6	5.3	5.2	4.8	4.4	4.5	4.6	5.6	5.6
VA-guaranteed	2.6	3.1	3.0	3.0	2.8	2.7	2.4	2.4	2.7	3.1	3.2
Conventional	35.1	73.5	85.7	103.4	128.3	150.6	163.3	174.7	178.2	187.5	201.4
Other nonfarm	23.3	46.9	50.3	58.3	68.0	77.1	83.5	92.7	105.1	122.4	143.0
Farm	4.4	6.4	6.7	7.8	8.5	8.6	8.5	8.3	8.4	9.3	10.2
Mutual savings banks:											
Loans acquired	6.1	8.9	12.1	15.3	15.5	14.0	8.2	5.6	7.0	17.3	21.3
Loans outstanding [2]	57.9	77.2	81.6	88.1	94.4	99.7	100.1	99.3	97.1	99.5	106.4
Nonfarm residential	49.9	63.8	67.3	72.9	78.5	83.7	83.9	83.4	81.6	83.8	88.7
FHA-insured	16.1	14.4	14.6	14.0	13.8	13.8	13.2	12.5	11.7	10.7	9.5
VA-guaranteed	12.0	12.4	12.3	12.0	11.9	11.4	10.8	10.3	9.7	8.8	7.9
Conventional	21.8	37.0	40.4	46.9	52.9	58.5	59.9	60.6	60.2	64.3	71.3
Other nonfarm	7.9	13.3	14.3	15.2	15.9	16.0	16.1	15.8	15.5	15.7	17.7
Life insurance companies:											
Loans acquired	6.6	8.8	9.0	13.3	16.9	19.6	18.3	13.0	10.0	18.8	19.2
Nonfarm	6.3	7.7	7.5	10.9	14.2	16.8	16.5	11.8	9.3	17.6	18.2
Farm	.3	1.1	1.5	2.4	2.7	2.8	1.8	1.2	.7	1.2	1.0
Loans outstanding	74.4	89.2	91.6	96.8	102.9	115.1	127.9	135.6	138.5	148.4	154.5
Nonfarm	68.7	82.4	84.1	87.9	92.4	103.0	115.0	122.5	125.7	135.7	142.1
FHA-insured	11.4	7.9	7.3	6.6	6.1	5.8	5.5	5.1	4.8	4.4	4.1
VA-guaranteed	5.4	3.9	3.6	3.3	3.2	3.0	2.8	2.6	2.5	2.3	2.0
Other	51.9	70.6	73.2	78.0	83.1	94.2	106.7	114.8	118.4	129.0	136.0
Farm	5.6	6.8	7.5	6.8	10.5	12.2	12.8	13.1	12.8	12.7	12.4
Savings and loan associations:											
Loans made [3]	25.8	62.6	90.7	123.8	128.2	116.9	86.7	83.1	61.6	147.5	182.3
Loans outstanding [4]	150.3	278.6	323.0	381.2	432.9	475.8	502.8	517.9	492.2	512.9	641.4
FHA-insured	10.2	16.5	14.7	13.9	13.2	13.0	12.8	12.0	12.1	12.8	12.3
VA-guaranteed	8.5	14.0	16.6	16.2	15.8	15.6	15.0	14.2	14.0	15.5	15.0
Conventional	131.7	248.0	291.7	351.0	403.9	447.2	475.0	491.7	466.1	484.6	614.1

[1] Includes loans held by nondeposit trust companies; excludes holdings of trust departments of commercial banks. [2] Includes a small amount of farm loans not shown separately. [3] Includes Guam. [4] Includes shares pledged against mortgage loans, junior liens and real estate sold on contract.

Source: U.S. Dept. of Housing and Urban Development, *The Supply of Mortgage Credit, 1970-1979;* and monthly and quarterly press releases based on the Survey of Mortgage Lending Activity.

NO. 843. MORTGAGE DEBT OUTSTANDING AND DELINQUENCY RATE: 1970 TO 1985

[**In billions of dollars, except rate.** As of **Dec. 31,** except as noted. Includes Puerto Rico and Guam. See also *Historical Statistics, Colonial Times to 1970,* series N 273 and N 276]

TYPE OF PROPERTY, HOLDER, AND LOAN TYPE	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985 [1]
Mortgage debt, total	**474**	**806**	**1,023**	**1,176**	**1,342**	**1,475**	**1,584**	**1,658**	**1,828**	**2,034**	**2,077**
Residential nonfarm	358	598	769	893	1,024	1,128	1,205	1,250	1,369	1,516	1,549
1- to 4-family homes	298	495	658	772	894	992	1,068	1,110	1,219	1,351	1,382
Savings and loan assns	125	224	311	356	394	420	433	393	391	431	434
Commercial banks	42	77	105	129	150	160	170	174	181	198	202
Mutual savings banks	42	50	58	63	66	68	68	67	97	114	119
Life insurance companies	27	18	15	14	16	18	17	17	15	14	14
Federal agencies	22	38	36	44	53	61	68	78	87	98	102
Individuals and others	40	89	134	165	215	265	312	382	448	495	511
5 or more units	60	101	112	121	129	136	136	140	150	165	168
Commercial	86	159	190	212	236	256	278	301	349	408	416
Farm	30	51	64	71	83	92	102	107	109	111	111
Delinquency rate, 1- to 4-unit residential mortgage loans [2]	**3.13**	**4.37**	**4.62**	**4.58**	**4.63**	**4.97**	**5.24**	**5.53**	**5.59**	**5.66**	(NA)
Conventional loans	1.74	2.71	2.76	2.68	2.77	3.08	3.27	3.71	3.89	3.97	(NA)
VA loans	3.03	4.17	4.42	4.54	4.82	5.34	5.67	5.95	6.08	6.38	(NA)
FHA	3.65	5.45	5.84	6.01	6.21	6.55	6.81	7.05	7.06	7.27	(NA)

NA Not available [1] End of 1st quarter. [2] Number of loans delinquent 30 days or more as percentage of mortgage loans serviced in survey. Annual average quarterly figures.

Source: Mortgage debt, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly; and delinquency rate, Mortgage Bankers Association, Washington, DC, *National Delinquency Survey,* quarterly.

No. 844. Mortgage and Consumer Debt Outstanding—Families with Debt and Amount, by Age and Family Income: 1983

[Families include one-person units: for definition of Family , see text, p. 4. Based on a sample survey of 3,024 families residing in the coterminous United States, excluding those on military reservations. Data are subject to sampling variability, see Appendix III]

Age of family head and 1982 family income	Mortgage debt [1]						Consumer debt							
	Percent of homeowners with debt [2]				Amount outstanding [3 4] (dollars)		Percent of families with debt [6]	Amount outstanding [4 6] (dollars)		Percent of families with installment debt				
	Total	Ratio of monthly debt payments to monthly income			Mean	Median [5]		Mean	Median [5]	Total	Ratio of monthly debt payments to monthly income			
		1-9 percent	10-19 percent	20 percent or more							1-9 percent	10-19 percent	20 percent or more
All families	**57**	**29**	**18**	**10**	**27,147**	**21,010**	**62**	**5,400**	**2,382**	**41**	**25**	**11**	**5**
Under 25 years	61	18	26	17	24,577	20,049	64	3,584	2,263	45	21	16	9
25-34 years	67	31	38	19	32,266	27,137	77	4,781	2,265	55	34	15	7
35-44 years	84	42	27	14	31,871	25,268	79	6,673	3,030	55	36	14	6
45-54 years	67	42	16	9	23,767	16,167	71	5,780	3,152	49	31	12	5
55-64 years	43	29	8	6	18,334	12,100	57	6,325	1,700	32	18	9	4
65-74 years	20	10	6	3	14,703	10,067	31	3,537	943	14	7	4	3
75 years and over	5	3	1	1	11,029	9,981	15	1,117	308	6	2	2	2
Less than $5,000	18	3	3	12	18,611	11,925	33	2,834	677	16	3	3	10
$5,000-$7,499	27	3	6	17	14,751	8,620	40	1,919	573	21	7	4	10
$7,500-$9,999	27	2	10	14	17,173	13,488	48	4,152	1,006	35	14	12	9
$10,000-$14,999	40	10	16	14	17,201	13,470	54	3,452	1,451	34	14	13	7
$15,000-$19,999	53	21	19	13	17,375	12,943	66	4,295	1,639	44	21	17	6
$20,000-$24,999	57	28	21	7	18,606	16,097	72	4,149	2,336	49	27	18	5
$25,000-$29,999	70	33	25	12	23,690	21,095	72	4,632	2,929	50	31	16	3
$30,000-$39,999	72	41	24	7	27,836	24,041	77	5,138	3,594	56	45	10	1
$40,000-$49,999	76	50	21	6	30,031	25,242	80	7,079	4,365	58	47	9	2
$50,000 and over	78	56	17	5	45,233	36,411	75	12,772	5,529	47	39	8	1

[1] Includes farm families and owners of mobile homes. [2] Represents homeowners with regular monthly mortgage payments. [3] Consists of first and second mortgage debt outstanding. [4] Values are for families with outstanding debt. [5] For explanation of median, see Guide to Tabular Presentation. [6] Consists of credit card and other open-end debt, installment debt, and noninstallment consumer debt from all sources for all families.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, December 1984.

No. 845. Consumer Credit: 1970 to 1985

[**In billions of dollars, except percent.** Estimated amounts of credit outstanding as of **end of year or month.** See also *Historical Statistics, Colonial Times to 1970,* series X 551-560]

Type of credit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, May
Credit outstanding	**141.0**	**213.4**	**223.1**	**248.9**	**289.2**	**337.9**	**383.3**	**376.2**	**398.9**	**420.9**	**480.6**	**577.1**	**612.3**
Ratio to disposable personal income [1] (percent)	20.3	21.1	20.1	20.5	21.7	22.9	22.9	20.2	19.2	18.9	20.2	22.0	22.4
Installment	105.5	164.6	172.0	193.5	230.6	273.6	312.0	301.4	316.2	335.0	383.7	460.5	488.7
Automobile paper	36.3	54.3	57.2	67.7	82.9	101.6	116.4	112.2	119.8	126.3	143.1	172.6	187.8
Revolving	5.1	13.7	15.0	17.2	39.3	48.3	57.0	58.5	64.5	69.6	82.0	101.6	103.5
Mobile home paper	2.5	14.6	14.4	14.6	15.0	15.2	16.8	18.8	19.9	22.4	23.9	24.6	24.9
All other loans	61.6	82.0	85.3	94.1	93.4	108.5	121.9	111.8	114.0	116.7	134.7	161.8	172.5
Commercial banks	48.7	80.1	82.9	93.7	112.4	136.1	154.2	147.0	147.6	152.5	172.0	212.4	226.9
Finance companies	27.6	36.1	36.0	38.9	44.9	54.3	68.3	63.2	72.4	78.1	87.4	96.7	104.1
Credit unions	13.0	21.9	25.7	31.2	37.6	44.3	46.5	44.0	46.0	47.3	53.5	67.9	72.4
Retailers [2]	13.9	18.1	18.2	19.3	23.5	26.0	28.1	28.7	31.3	32.4	37.5	40.9	37.5
Other [3]	2.3	8.4	9.2	10.5	12.2	13.0	14.9	18.4	21.0	24.7	33.4	42.6	47.7
Noninstallment	36.0	48.8	51.1	55.4	58.6	64.3	71.3	74.8	80.7	85.9	96.9	116.6	123.6
Single-payment loans	19.3	26.8	27.4	28.8	32.8	35.8	40.0	42.4	44.0	47.1	52.5	61.9	66.0
Charge accounts	9.2	11.2	11.7	13.2	11.0	12.0	12.8	13.1	14.4	14.4	15.8	19.2	19.4
Service credit	7.5	10.9	12.0	13.4	14.8	16.4	18.6	19.3	22.3	24.3	28.6	35.5	38.2
Installment credit: Net change [4]	4.5	9.1	7.3	21.0	35.1	41.9	38.7	.9	14.5	12.7	47.7	76.4	9.0
Life insurance policy loans [5]	16.1	22.9	24.5	25.8	27.6	30.1	34.8	41.4	48.7	53.0	54.1	54.5	(NA)
Delinquency rate, bank installment loans [6]	2.14	3.13	2.77	2.57	2.62	2.71	2.93	2.82	2.61	2.39	1.94	2.09	[7]1.90

NA Not available. [1] See table 733. Consumer credit outstanding, seasonally adjusted. [2] Excludes 30-day charge credit held by retailers, oil and gas companies, and travel and entertainment companies. [3] Includes mutual savings banks, savings and loan associations, and gasoline companies. [4] Net change equals outstandings, seasonally adjusted less outstandings of the previous period, seasonally adjusted. [5] Source: American Council of Life Insurance, Washington, DC, Figures are annual statement asset values. These loans are not included in "Credit outstanding." [6] Ratio of seven types of closed-end installment loans (excluding revolving credit and bank cards) delinquent 30 days or more as a percentage of total installment loans outstanding; ratio based on number of loans. Source: American Bankers Association, Washington, DC; *Delinquency Rates on Bank Installment Loans;* quarterly. [7] As of March.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 846. Installment Credit—Finance Rates on Selected Types of Credit for Commercial Banks and Finance Companies: 1974 to 1985

[**Percent per year.** Annual averages, except as indicated. Commercial bank rates are "most common" rates for direct loans with specified maturities; finance company rates are weighted averages for purchased contracts]

TYPE	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, May
Commercial banks:												
New automobiles (48 months) [1]	10.97	11.36	11.07	10.92	11.02	12.02	14.30	16.54	16.83	13.92	13.71	[2] 13.16
Mobile homes (120 months) [1]	11.45	11.82	11.75	11.84	12.09	12.77	14.99	17.45	18.05	15.91	15.58	[2] 15.03
Other consumer goods (24 months)	12.99	13.08	13.02	12.97	13.19	13.85	15.47	18.09	18.65	16.68	16.47	[2] 16.09
Credit-card plans	17.21	17.16	17.05	16.89	17.03	17.03	17.31	17.78	18.51	18.78	18.77	[2] 18.74
Finance companies:												
New automobiles	12.61	13.12	13.17	13.14	13.15	13.51	14.82	16.17	16.15	12.58	14.62	11.87
Used automobiles	17.18	17.63	17.63	17.62	17.67	17.98	19.10	20.00	20.75	18.74	17.84	17.84

[1] For 1974–1982, maturities were 36 months for new car loans and 84 months for mobile home loans.
[2] Data for midmonth of quarter only.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly; and *Annual Statistical Digest*.

No. 847. Families Using Financial Services—Selected Characteristics: 1983

[See headnote, table 844. For definition of median, see Guide to Tabular Presentation]

FINANCIAL SERVICE	Percent of all families	Median family income, 1982 (dollars)	FINANCIAL ASSETS [1] (dollars)		LIQUID ASSETS [2] (dollars)	
			Mean	Median	Mean	Median
All families	(x)	**19,410**	**23,774**	**2,300**	**12,727**	**1,968**
Holders of credit cards:						
Gasoline	28	31,000	50,738	10,425	22,548	7,968
Bank	42	30,000	39,798	7,325	18,879	5,509
Travel and entertainment	10	40,000	80,008	11,975	27,086	9,711
Retail store cards	57	25,800	*29,379*	*4,697*	*15,702*	*3,700*
Other [3]	5	39,500	73,545	10,706	31,732	8,605
Money market deposit account	8	29,479	72,308	26,274	40,929	19,715
Money market mutual fund account	6	40,000	*94,528*	*31,300*	*44,306*	*19,900*
Brokerage account	7	47,627	145,757	50,320	42,493	20,686
Institution where main checking account is held:						
Commercial bank	64	22,600	*31,513*	*4,355*	*16,061*	*3,478*
Savings and loan or savings bank	11	23,152	21,069	5,231	14,351	4,128
Credit union	4	25,000	14,281	2,640	7,481	2,138

X Not applicable. [1] Comprises liquid assets plus stocks, other bonds, nontaxable holdings (municipal bonds and shares in certain mutual funds), and trusts. [2] Comprises checking accounts, savings accounts, money market accounts, certificates of deposit, IRA and Keogh accounts, and savings bonds. [3] Comprises airline and automobile rental cards, and other miscellaneous credit cards.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, December 1984.

No. 848. Percent of Families Using Selected Financial Services, by Age and Family Income: 1983

[See headnote, table 844]

AGE OF HEAD AND 1982 FAMILY INCOME	CREDIT CARDS						Money market deposit account	Money market mutual fund account	Brokerage account
	At least one	Gasoline	Bank	Travel and entertainment	Any retail	Other [1]			
All families	**62**	**26**	**40**	**9**	**54**	**4**	**8**	**6**	**7**
Under 25 years	38	8	20	7	32	2	3	2	2
25–34 years	61	20	37	10	52	4	4	5	5
35–44 years	73	30	52	13	63	5	8	9	10
45–54 years	69	30	45	10	61	5	7	5	8
55–64 years	72	37	50	11	62	5	12	7	9
65–74 years	60	26	37	5	53	2	14	7	9
75 years and over	35	15	16	(Z)	26	1	10	4	2
Less than $5,000	18	3	4	(Z)	14	(Z)	1	(Z)	1
$5,000—$7,499	29	6	12	2	25	2	3	1	(Z)
$7,500—$9,999	33	14	19	2	26	(Z)	4	2	1
$10,000—$14,999	49	16	26	2	40	(Z)	7	3	3
$15,000—$19,999	64	19	36	5	55	3	6	5	5
$20,000—$24,999	71	22	40	6	62	2	8	4	2
$25,000—$29,999	78	31	49	10	67	3	10	4	6
$30,000—$39,999	87	40	63	13	76	6	10	8	6
$40,000—$49,999	88	43	70	14	81	6	13	12	14
$50,000 and over	95	61	80	17	83	14	19	23	32

Z Less than .5 percent. [1] Comprises airline and automobile rental cards, and other miscellaneous credit cards.

No. 849. Bank Debits and Deposit Turnover: 1971 to 1985

[**Debits in trillions of dollars; turnover as ratio of debits to deposits.** Annual averages of monthly data, except as indicated]

ITEM	1971	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, May
Debits to:												
Demand deposits, all banks [1]	11.3	25.1	29.3	34.3	40.2	49.8	63.1	81.2	91.0	108.5	128.1	[2] 149.3
Major New York City banks	4.1	9.7	11.5	13.8	15.0	18.5	25.2	34.0	38.0	47.2	57.3	[2] 66.4
Other banks	7.3	15.4	17.8	20.4	25.2	31.3	37.8	47.2	53.0	61.2	70.8	[2] 82.9
ATS/NOW accounts [3]	(NA)	(NA)	(NA)	(NA)	(Z)	(Z)	.2	.7	1.0	1.4	1.6	[2] 1.8
Money market deposit accounts (MMDA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.6	.8	1.1
Savings deposits [4]	(NA)	(NA)	(NA)	(NA)	.4	.6	.7	.7	.7	.7	.6	[2] .6
Deposit turnover:												
All banks [1]	64	105	117	129	139	163	203	286	325	380	434	[2] 485
Major New York City banks	171	358	414	502	542	644	815	1,114	1,298	1,510	1,839	[2] 2,080
Other banks	47	73	80	86	96	113	135	186	212	241	268	[2] 300

NA Not available. Z Less than $50 billion. [1] Represents accounts of individuals, partnerships, and corporations, and of States and political subdivisions at insured commercial banks. [2] Seasonally adjusted. [3] Accounts authorized for negotiable orders of withdrawal (NOW) and accounts authorized for automatic transfer to demand deposits (ATS). [4] Excludes ATS and NOW accounts, MMDA and special club accounts, such as Christmas and vacation clubs.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 850. Money Stock and Liquid Assets: 1970 to 1985

[**In billions of dollars, except percent.** As of **December,** except as indicated. Seasonally adjusted averages of daily figures. See *Historical Statistics, Colonial Times to 1970,* series X 410-417 for similar data]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, May
M1 [1]	217	291	310	335	363	389	415	442	481	528	559	582
M2 [1]	628	1,023	1,164	1,287	1,389	1,631	1,631	1,794	1,954	2,189	2,372	2,445
M3 [1]	678	1,172	1,312	1,473	1,646	1,804	1,989	2,236	2,447	2,702	2,995	3,076
L [1]	816	1,368	1,516	1,704	1,910	2,116	2,325	2,597	2,855	3,176	3,540	(NA)
Currency	49	74	81	89	98	106	117	124	134	148	159	163
Demand deposits	166	214	224	239	252	261	266	235	239	244	249	256
Travelers checks	1	2	3	3	4	4	4	4	4	5	5	6
Other checkable deposits [2]	(z)	1	3	4	9	18	28	78	104	131	146	157
Savings deposits	261	389	453	492	481	423	402	344	359	307	289	289
Money market deposit accounts [2]	(z)	(z)	(z)	(z)	(z)	(z)	(z)	(z)	43	376	395	464
Small denomination time deposits [3]	151	338	391	446	521	635	729	824	852	785	885	892
Large denomination time deposits [4]	45	130	118	145	195	222	259	302	328	331	415	428
Money market mutual funds, total [2]	(z)	4	3	4	10	44	77	187	234	181	231	237
General purpose and broker/dealer [2]	(z)	3	2	2	6	33	62	151	185	138	168	172
Institution only [2]	(z)	(z)	1	1	3	10	15	36	51	43	63	65
Overnight repurchase agreements and Eurodollars [2]	3	16	26	34	51	65	75	99	122	137	128	132
Annual percent change: [5]												
M1	5.0	6.0	6.6	8.1	8.3	7.2	6.7	6.5	8.8	9.8	5.9	[6] 7.2
M2	6.5	10.3	13.7	10.6	8.0	17.4	–	10.0	8.9	12.0	8.4	[6] 8.4
M3	7.2	11.6	11.9	12.3	11.8	9.6	10.3	12.4	9.4	10.4	10.8	[6] 9.3
L	6.9	10.9	10.8	12.4	12.1	10.8	9.9	11.7	9.9	11.2	11.5	(NA)

– Represents zero. NA Not available. Z Less than $500 million. [1] M1 is currency plus demand deposits plus travelers checks of nonbank issuers plus other checkable deposits at banks and thrift institutions; M2 is M1 plus overnight RP's and Eurodollars, balances of general purpose and broker/dealer money market mutual fund shares, money market deposits accounts, and savings and small time deposits at commercial banks and thrift institutions; M3 is M2 plus large time deposits and term RP's at commercial banks and thrift institutions, term Eurodollars, and balance of institutions—only money market mutual funds; and L is M3 plus other liquid assets such as savings bonds, short-term Treasury securities, bankers' acceptances, and commercial paper. [2] Not seasonally adjusted. [3] Issued in amounts of less than $100,000. Includes retail repurchase agreements. Excludes individual retirement accounts and Keogh accounts at commercial banks and thrifts. [4] Issued in amounts of $100,000 or more and are net of holdings of domestic banks, thrift institutions, the U.S. Government, money market mutual funds, and foreign banks and official institutions. [5] From previous year shown; for 1970, from 1965. For definition of annual percent change, see Guide to Tabular Presentation. [6] Change from May 1984-May 1985.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 851. Money in Circulation, by Denomination: 1975 to 1984

[**In millions of dollars.** As of **December 31**]

DENOMINATION	1975	1980	1983	1984	DENOMINATION	1975	1980	1983	1984
Total [1]	**86,547**	**137,244**	**171,935**	**183,779**	$20	28,344	40,739	49,355	51,987
Coin and small currency	**54,865**	**73,893**	**84,777**	**88,686**	**Large currency**	**31,681**	**63,352**	**87,157**	**95,091**
					$50	8,157	13,731	19,307	21,184
					$100	23,139	49,264	67,505	73,567
Coin	8,959	12,419	14,269	14,890	$500	175	163	157	155
$1 [2]	2,809	3,499	3,628	3,844	$1,000	204	189	183	180
$2	135	677	699	706	$5,000	2	2	2	2
$5	3,841	4,635	4,936	5,173	$10,000	4	3	3	3
$10	10,777	11,924	11,890	12,086					

[1] Outside Treasury and Federal Reserve banks. [2] Paper currency only; $1 silver coins reported under coin.

Source: U.S. Dept. of the Treasury, *Monthly Statement of United States Currency and Coin,* Form 1028, through 1980, and *Treasury Bulletin,* quarterly, beginning 1983.

No. 852. Selected Time Deposits and Other Accounts at Insured Commercial Banks—Deposits and Interest Rates: 1983 to 1985

[Estimates based on data collected from a sample of about 550 banks]

Type of deposit	Amount outstanding (mil. dol.)				Average rate paid (percent)			
	1983, Dec.	1984, June	1984, Dec.	1985, June	1983, Dec.	1984, June	1984, Dec.	1985, June
"Super NOW" accounts [1]	28,769	30,717	34,686	38,641	7.30	7.52	7.01	6.15
Money market deposit accounts [2]	225,996	241,109	265,619	309,260	8.36	9.04	8.10	6.85
Money market certificates: [3]								
7–31 day	4,815	5,080	5,354	5,526	8.50	9.16	8.01	6.92
32–91 day	14,653	16,959	17,953	18,550	8.61	9.53	8.07	7.02
92–182 day	177,543	167,575	165,349	156,628	9.42	10.62	8.77	7.53
183 day–1 year	22,720	45,596	59,429	65,841	9.56	10.90	9.11	7.81
1–2½ year	43,431	59,898	69,875	78,604	10.07	11.26	9.73	8.40
2½ year or more	111,409	106,591	107,119	109,643	10.48	11.54	10.18	8.98
All IRA and Keogh Plan deposits	30,144	40,224	44,033	56,182	(NA)	(NA)	(NA)	(NA)
Retail repurchase agreements [4]	1,342	1,108	1,228	1,455	8.19	8.85	7.49	6.38

NA Not available. [1] Negotiable order of withdrawal accounts containing an agreement between depositor and depository such that, provided certain conditions—including a $2,500 minimum balance—are met, some or all funds deposited are eligible to earn more than 5.25 percent. [2] Deposits with a $2,500 initial and average balance requirement, no required minimum maturity but institutions must reserve the right to require at least seven days' notice prior to withdrawal, no restrictions on depositor eligibility, or limitations on the amount of interest that may be paid unless the average balance falls below $2,500 during which period the NOW account rate ceiling applies; such accounts may allow up to six transfers per month, no more than three of which may be draft and may permit unlimited withdrawals by mail, messenger, or in person. Estimates based on weekly deposit reports submitted by about 10,500 commercial banks. [3] All interest-bearing time certificates and open account time deposits with balances of less than $100,000, including those held in IRAs and Keogh Plan deposits. [4] Retail repurchase agreements are in denominations of less than $100,000 with maturities of less than 90 days that arise from the transfer of direct obligations of, or obligations fully-guaranteed as to principal and interest by, the U.S. Government or an agency thereof.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Statistical Release H6*, monthly.

No. 853. Money Market Interest Rates: 1970 to 1985

[**Percent per year.** Annual averages of monthly data, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series X 444–453]

Type	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, Jan.–May [1]
Federal funds, effective rate	7.18	5.82	5.04	5.54	7.93	11.19	13.36	16.38	12.26	9.09	10.23	8.33
Commercial paper, 3-month [2]	(NA)	6.25	5.24	5.55	7.94	10.97	12.66	15.32	11.89	8.88	10.10	8.33
Prime rate charged by banks	7.91	7.86	6.84	6.82	9.06	12.67	15.26	18.87	14.86	10.79	12.04	10.48
Eurodollar deposits, 3-month	8.52	7.03	5.58	6.03	8.78	11.96	14.00	16.79	13.12	9.57	10.75	8.71
Finance paper, 3-month [3]	7.18	6.15	5.20	5.49	7.80	10.47	11.49	14.08	11.23	8.70	9.73	8.14
Bankers acceptances, 90-day [4]	7.31	6.29	5.08	5.54	8.06	10.99	12.72	15.32	11.89	8.90	10.14	8.31
Large negotiable certificates of deposit, 3-month, secondary market	7.56	6.44	5.27	5.64	8.22	11.22	13.07	15.91	12.27	9.07	10.37	8.45
Federal Reserve discount rate [5]	5½–6	6–7¾	5¼–6	5¼–6	6–9½	9½–12	10–13	12–14	8½–12	8½	8–9	7½–8
U.S. Government securities: [6]												
3-month Treasury bill	6.39	5.76	4.97	5.27	7.19	10.07	11.43	14.03	10.61	8.61	9.52	7.99
6-month Treasury bill	6.51	6.09	5.25	5.53	7.58	10.06	11.37	13.80	11.07	8.73	9.76	8.24
1-year Treasury bill	6.48	6.28	5.52	5.71	7.74	9.75	10.89	13.14	11.07	8.80	9.92	8.45
Prime 1-year municipals [7]	4.35	3.91	3.12	2.91	4.15	5.34	6.25	7.92	7.88	5.29	6.05	5.38

NA Not available. [1] Monthly average. [2] Averages of daily offering rates of dealers. [3] Placed directly; averages of daily offering rates quoted by finance companies. [4] Averages of the most representative daily offering rates of dealers. Beginning Aug. 15, 1974, closing rates were used, and from Jan. 1, 1981, rates of top-rated banks only. [5] Federal Reserve Bank of New York, low and high. The discount rates for 1980 and 1981 do not include the surcharge applied to frequent borrowings by large institutions. The surcharge reached 3 percent in 1980 and 4 percent in 1981. Surcharge was eliminated in Nov. 1981. [6] Averages based on daily closing bid yields in secondary market, bank discount basis. [7] Averages based on quotations for one day each month. Source: Salomon Brothers, Inc., New York, NY, *An Analytical Record of Yields and Yield Spreads.*

No. 854. Federal Reserve Bank of New York—Discount Rates: 1974 to 1985

[**Percent per year.** Rates for short-term adjustment credit. For rates applicable to other types of discount window credit, see source. See also *Historical Statistics, Colonial Times to 1970*, series X 454–455]

Effective date	Rate	Effective date	Rate	Effective date	Rate	Effective date	Rate
1974: Apr. 25	8	**1978:** Jan. 9	6½	**1980:** [1] Feb. 15	13	**1982:** July 20	11½
Dec. 9	7¾	May 11	7	May 30	12	Aug. 2	11
1975: Jan. 10	7¼	July 3	7¼	June 13	11	Aug. 16	10½
Feb. 5	6¾	Aug 21	7¾	July 28	10	Aug. 27	10
Mar. 10	6¼	Sept. 22	8	Sept. 26	11	Oct. 12	9½
May 16	6	Oct. 16	8½	Nov. 17	12	Nov. 22	9
1976: Jan. 19	5½	Nov. 1	9½	*Dec. 5*	13	Dec. 15	8½
Nov. 22	5¼	**1979:** July 20	10	**1981:** [1] May 5	14	**1984:** April 9	9
1977: Aug. 31	5¾	Aug. 17	10½	Nov. 2	13	Nov. 21	8½
Oct. 26	6	Sept. 19	11	Dec. 4	12	Dec. 24	8
		Oct. 8	12			**1985:** May 20	7½
						In effect May 31, **1985**	7½

[1] See table 853, footnote 5.

Source of tables 853 and 854: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*,

No. 855. Bank Effective Interest Rates for Commercial and Industrial Loans, Construction and Land Development Loans, and Farm Loans, by Size of Loan: 1980 to 1985

[In **percent**. Represents loans made during the first full business week in **May**. Based on a stratified random sample of member banks of the Federal Reserve System and nonmember banks, totaling approximately 340 banks]

TYPE AND SIZE OF LOAN	1980	1983	1984	1985	TYPE AND SIZE OF LOAN	1980	1983	1984	1985
Commercial and industrial loans:					**Construction and land development loans**	**18.32**	**11.72**	**13.76**	**13.02**
Short-term	**17.75**	**10.31**	**12.45**	**9.90**	$1,000 to $24,999	17.14	14.44	15.04	15.60
$1,000 to $24,999	17.90	13.86	14.93	13.78	$25,000 to $49,999	15.68	13.99	14.78	15.71
$25,000 to $49,999	18.78	13.68	14.46	13.02	$50,000 to $99,999	18.69	12.91	14.71	13.92
$50,000 to $99,999	18.95	12.62	14.41	12.89	$100,000 to $499,999	19.56	12.08	13.92	14.51
$100,000 to $499,999	18.49	11.87	13.86	12.39	$500,000 and over	16.99	10.91	13.19	11.01
$500,000 to $999,999	19.13	11.34	13.37	11.19					
$1 million and over	17.10	9.87	12.12	9.34	**Farm loans**	**17.38**	**13.26**	**14.25**	**13.07**
					$1,000 to $9,999	16.46	14.01	14.64	14.04
Long-term	**18.37**	**11.46**	**13.12**	**11.03**	$10,000 to $24,999	16.98	13.80	14.35	13.30
$1,000 to $99,999	18.26	14.52	15.00	16.08	$25,000 to $49,999	17.10	13.60	14.41	13.83
$100,000 to $499,999	18.64	12.87	13.91	12.27	$50,000 to $99,999	17.38	14.23	14.24	13.25
$500,000 to $999,999	18.62	11.92	13.50	11.56	$100,000 to $249,999	17.40	13.68	14.51	13.36
$1 million and over	18.30	10.35	12.56	10.26	$250,000 and over	18.14	12.21	13.75	11.57

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 856. Bond Yields, Stock Yields, and Mortgage Rates: 1970 to 1984

[**Percent per year**. Annual averages of monthly data, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series X 474-491]

TYPE	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
U.S. Treasury, constant maturities: [1] [2]											
3-year	7.29	7.49	6.77	6.69	8.29	9.72	11.55	14.44	12.92	10.45	11.89
5-year	7.38	7.77	7.18	6.99	8.32	9.52	11.48	14.24	13.01	10.80	12.24
10-year	7.35	7.99	7.61	7.42	8.41	9.44	11.46	13.91	13.00	11.10	12.44
20-year	6.86	8.19	7.86	7.67	8.48	9.33	11.39	13.72	12.92	11.34	12.48
U.S. Govt., long-term bonds [2] [3]	6.58	6.98	6.78	7.06	7.89	8.74	10.81	12.87	12.23	10.84	11.99
State and local govt. bonds, Aaa [4]	6.12	6.42	5.65	5.20	5.52	5.89	7.84	10.42	10.88	8.80	9.61
State and local govt. bonds, Baa [4]	6.75	7.62	7.49	6.12	6.27	6.72	9.00	11.75	12.48	10.17	10.37
High-graded municipal bonds (Standard & Poor's) [5]	6.51	6.89	6.49	5.56	5.90	6.39	8.51	11.23	11.57	9.47	10.15
Municipal (Bond Buyer, 20 bonds)	6.35	7.05	6.64	5.68	6.03	6.52	8.59	11.33	11.66	9.51	10.10
Corporate Aaa seasoned [4]	8.04	8.83	8.43	8.02	8.73	9.63	11.94	14.17	13.79	12.04	12.71
Corporate Baa seasoned [4]	9.11	10.61	9.75	8.97	9.49	10.69	13.67	16.04	16.11	13.55	14.19
Corporate Aaa utility bonds [6]	8.72	9.17	8.46	8.12	8.90	9.92	12.68	15.65	14.71	12.25	13.40
Corporate, by years to maturity: [7]											
5 years	8.10	7.70	7.96	7.25	7.75	9.40	12.80	13.25	13.78	9.90	10.20
10 years	8.00	8.00	8.18	7.60	7.98	9.35	12.40	13.00	13.99	10.55	11.80
20 years	7.60	8.35	8.30	7.75	8.20	9.08	12.30	13.00	14.00	11.00	12.60
30 years	7.60	8.35	8.30	7.95	8.25	9.10	12.30	13.00	14.00	11.00	12.60
Corporate (Moody's) [4]	8.51	9.57	9.01	8.43	9.07	10.12	12.75	15.06	14.94	12.78	[8] 13.49
Industrials (38 bonds) [9]	8.26	9.25	8.84	8.28	8.90	9.85	12.35	14.50	14.54	12.25	13.21
Railroads (13 bonds) [10]	8.77	9.39	8.85	8.13	8.64	9.60	11.48	13.22	13.68	12.08	13.07
Public utilities (40 bonds)	8.68	9.88	9.17	8.58	9.22	10.39	13.15	15.62	15.33	13.31	[8] 14.03
Stocks (Standard & Poor's): [5]											
Preferred (10 stocks) [11]	7.22	8.36	7.98	7.61	8.25	9.11	10.60	12.36	12.53	11.02	11.59
Common: Composite (500 stocks)	3.83	4.31	3.77	4.62	5.28	5.47	5.26	5.20	5.81	4.40	4.64
Industrials (400 stocks)	3.62	3.96	3.48	4.43	5.06	5.20	4.95	4.90	5.48	4.04	4.05
Home mortgages: [12]											
FHA insured, secondary market	9.03	9.19	8.82	8.68	9.70	10.87	13.44	16.31	15.31	13.11	13.82
Conventional, new-home [13]	8.52	9.10	8.99	8.95	9.68	11.15	13.95	16.52	15.79	13.43	13.80
Conventional, existing-home [13]	8.56	9.14	9.04	9.00	9.70	11.16	13.95	16.55	15.82	13.45	13.81

[1] Yields on the more actively traded issues adjusted to constant maturities by the U.S. Treasury. [2] Yields are based on closing bid prices quoted by at least five dealers. [3] Averages (to maturity or call) for all outstanding bonds neither due nor callable in less than 10 years, including several very low yielding "flower" bonds. [4] Source: Moody's Investors Service, New York, NY.

[5] Source: Standard & Poor's Corp., New York, NY, *Standard & Poor's Outlook*, weekly. [6] Based on first trading day of each month, deferred call, new issue estimate. Source: Salomon Brothers, Inc., New York, NY, *An Analytical Record of Yields and Yield Spreads*. [7] Source: Scudder, Stevens & Clark, New York, NY, unpublished data. [8] The Aaa public utility average was suspended on Jan. 17, 1984 because of a lack of appropriate issues. The average corporate does not include Aaa utilities from Jan. 17 to Oct. 12. The Aaa utility average was reinstated on Oct. 12. Thirty public utility bonds were used during the period Jan. 17-Oct. 12, 1984. [9] Covers 40 bonds for period 1970-1983. [10] Covers 23 bonds for period 1970-1981, 15 bonds for 1982, and 17 bonds for 1983. [11] Yields based on 10 stocks, 4 yields. Issues converted to a price equivalent to $100 par and a 7 percent annual dividend before averaging. [12] Averages based on quotations for 1 day each month as compiled by FHA. [13] Primary market.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 857. Security Prices: 1970 to 1984

[Annual averages of monthly figures, except as noted. See also *Historical Statistics, Colonial Times to 1970,* series X 492-498]

CLASS OR ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Bond prices (dollars per $100 bond):											
Standard & Poor's: Municipal [1]	72.3	68.9	72.5	81.3	77.9	73.4	57.4	43.2	41.8	51.4	48.0
Dow Jones and Co., Inc.: [2]											
Yearly high	69.7	69.7	93.2	93.9	90.9	86.1	76.6	65.8	71.5	77.8	79.9
Yearly low	*64.4*	*66.2*	*85.7*	*90.7*	*84.5*	*73.4*	*61.0*	*55.0*	*55.7*	*69.4*	*64.8*
Stock prices:											
Standard & Poor's common index (500 stocks) (1941-43=10) [3]	83.2	86.2	102.0	98.2	96.0	103.0	118.7	128.0	119.7	160.4	160.5
Industrial	91.3	96.6	114.4	108.4	106.2	114.8	134.5	144.2	133.6	180.5	181.3
N.Y. Stock Exchange common stock index (Dec. 31, 1965=50):											
Composite	45.7	45.7	54.5	53.7	53.7	58.3	68.1	74.0	68.9	92.6	92.5
Yearly high [4]	52.4	51.2	57.9	57.7	60.4	63.4	81.0	79.1	82.4	99.6	98.1
Yearly low [4]	37.7	37.1	48.0	49.8	48.4	53.9	55.3	65.0	58.8	79.8	85.1
Industrial	48.0	50.5	60.4	57.8	56.3	64.8	78.6	85.4	78.2	107.5	108.0
Transportation	32.1	31.1	39.6	41.1	43.3	47.3	60.5	72.6	60.4	89.4	85.6
Utility	37.2	31.5	37.0	40.9	39.2	38.2	37.3	38.9	39.8	47.0	46.4
Finance	54.6	47.1	52.9	55.2	56.7	61.4	64.3	73.5	72.0	95.3	89.3
American Stock Exchange Market Value Index (Aug. 31, 1973=50) [5]	48.3	41.6	50.8	58.1	72.2	97.8	150.6	171.8	141.3	216.5	208.0
NASDAQ OTC composite [6]	(NA)	77.6	97.9	105.1	118.0	151.1	202.3	195.9	232.4	278.6	247.4
Industrial	(NA)	81.0	100.1	109.4	126.9	175.2	261.4	229.3	273.6	323.7	260.7
Insurance	(NA)	80.9	105.2	114.5	127.2	162.0	166.8	194.3	226.4	257.6	283.1
Banks	(NA)	72.4	92.7	95.3	102.3	108.2	118.4	143.1	156.4	203.8	229.8
Dow Jones and Co., Inc., total (65 stocks) [7]	243.9	247.3	303.9	301.7	283.6	293.5	328.2	364.6	345.4	472.2	463.1
Industrial (30 stocks)	*753.2*	*602.6*	*974.9*	*894.6*	*820.2*	*844.4*	*891.4*	*932.9*	*884.4*	*1,190.3*	*1,176.5*
Transportation (20 stocks)	152.4	163.4	214.0	225.2	222.6	237.8	307.2	398.6	359.8	544.6	513.8
Public utility (15 stocks)	106.8	79.8	92.3	111.0	104.6	104.6	110.4	108.6	112.0	130.0	131.8
Wilshire 5000 equity index [8] (Dec. 31, 1980=1404.596)	[9] 830.3	763.8	903.0	892.1	913.3	1,028.9	1,220.7	1,343.7	1,233.7	1,691.5	1,644.6
Standard & Poor's:											
Dividend-price ratio (percent)	3.83	4.31	3.77	4.62	5.28	5.47	5.26	5.20	5.81	4.40	4.64
Earnings-price ratio (percent)	6.45	9.14	8.90	10.79	11.96	13.46	12.66	11.87	11.30	8.00	9.90

NA Not available. [1] Derived from average yields on basis of assumed 4 percent, 20-year bond; Wednesday closing prices. [2] Source: Dow Jones and Co., Inc., New York, NY. Effective June 30, 1976, the Dow Jones averages of 20 income railroad bonds were discontinued. With the dropping of the rail averages, which had been part of the Dow-Jones 40-bond average, the 40-bond average became a 20-bond average consisting of 10 utility bonds and 10 industrial bonds. [3] Effective July 1976, the index includes 400 industrial stocks (formerly 425), 20 transportation (formerly 15 rail), 40 public utility (formerly 60), and 40 financial stocks, not previously covered. [4] Source: New York Stock Exchange, Inc., New York, NY, *Fact Book,* annual. [5] Beginning July 5, 1983, the American Stock Exchange rebased its index, making August 31, 1973=50, rather than 100. Data before 1983 have been revised to reflect this base index change. [6] Source: National Association of Securities Dealers, Washington, DC, *Fact Book,* annual. OTC=over-the-counter. [7] Source: U.S. Bureau of Economic Analysis. Based on stocks listed on the New York Stock Exchange. [8] Represents return on the market value of all common equity securities for which daily pricing is available. For 1970-1979, annual average of end of month figures; thereafter, annual average of daily figures. Source: Wilshire Associates, Santa Monica, CA, releases. [9] Represents Dec. 31, 1970.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 858. New Securities Publicly Offered by Business, by Type of Security and Issuer: 1970 to 1984

[**In millions of dollars.** Estimated gross proceeds derived by multiplying principal amounts or number of units by offering prices. Covers all new securities publicly offered for cash, for the account of the issuer, with a maturity of more than one year, registered with the Securities and Exchange Commission under the Securities Act of 1933 or exempted from registration pursuant to Regulation A or Subsections 3(a)(2)-3(a)(6) of the Act. See table 457 for new issues of State and local government securities. See also *Historical Statistics, Colonial Times to 1970,* series X 499-500 and X 505-506]

SECURITY AND ISSUER	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	**32,525**	**40,891**	**35,591**	**32,141**	**29,987**	**37,014**	**66,562**	**65,601**	**73,519**	**102,204**	**85,879**
Security:											
Bonds and notes	24,366	31,024	25,368	21,939	20,468	26,468	44,650	38,965	44,771	49,267	59,614
Preferred stock	1,310	3,089	2,238	2,420	1,757	1,965	3,194	1,633	4,952	7,689	4,216
Common stock	6,849	6,778	7,985	7,782	7,762	8,581	18,718	25,003	23,796	45,248	22,049
Issuer:											
Manufacturing	8,847	14,159	8,823	4,980	4,506	6,702	20,275	15,463	13,752	22,838	14,442
Extractive	*1,675*	*1,233*	*842*	*1,740*	*1,970*	*2,486*	*4,211*	*8,553*	*7,323*	*8,580*	*5,513*
Electric, gas, water	10,405	13,955	11,743	11,102	9,139	9,972	13,771	13,304	16,516	12,742	7,517
Communication	5,121	3,603	3,257	3,683	2,958	4,049	6,863	5,871	3,895	5,528	2,162
Transportation	612	968	1,786	728	1,253	1,639	2,296	1,897	1,795	4,005	1,639
Financial and real estate	4,114	5,464	7,582	8,499	8,410	9,987	14,089	15,743	23,646	35,715	45,119
Commercial and other	1,751	1,508	1,559	1,408	1,750	2,179	5,055	4,772	6,592	12,796	9,487

Source: U.S. Securities and Exchange Commission, *SEC Monthly Statistical Review.*

No. 859. Sales of Stocks and Options on Registered Exchanges: 1970 to 1984

[Excludes over-the-counter trading. See also *Historical Statistics, Colonial Times to 1970*, series X517–530]

EXCHANGE	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Market value of all sales, all exchanges [1 2]	Bil. dol.	136	173	198	271	324	522	532	657	1,018	993
New York	Bil. dol.	108	143	157	211	252	398	416	515	816	823
American	Bil. dol.	15	6	11	19	27	47	40	34	47	30
Midwest	Bil. dol.	5	8	9	11	12	21	25	35	60	62
Chicago Option	Bil. dol.	–	6	8	14	14	28	22	32	36	19
Pacific	Bil. dol.	5	5	7	10	9	13	13	21	31	31
Philadelphia	Bil. dol.	3	3	3	5	7	11	11	14	20	19
STOCKS [3]											
Shares sold, all exchanges [2]	Million	4,539	6,226	7,023	9,548	10,850	15,488	15,910	22,415	30,146	30,456
New York	Million	3,213	5,051	5,613	7,617	8,675	12,390	12,843	18,211	24,253	25,150
American	Million	879	539	652	989	1,161	1,659	1,472	1,550	2,209	1,584
Midwest	Million	145	253	282	343	362	598	735	1,144	1,662	1,843
Pacific	Million	165	208	261	366	355	435	457	810	1,070	1,006
Market value, all exchanges [2]	Bil. dol.	131	157	187	251	300	476	491	603	957	959
New York	Bil. dol.	103	134	157	210	251	398	416	514	815	823
American	Bil. dol.	14	6	9	15	21	35	26	20	31	21
Midwest	Bil. dol.	5	7	9	10	12	21	25	35	60	62
Pacific	Bil. dol.	5	5	7	9	8	11	11	18	27	28
OPTIONS											
Contracts traded, all exchanges [2]	Million	(NA)	18	40	61	69	97	109	137	134	119
Chicago Option	Million	(NA)	14	25	34	35	53	58	76	71	59
American	Million	(NA)	4	10	18	19	29	35	39	36	33
Market value of contracts traded, all exchanges [2]	Bil. dol.	(NA)	6.4	10.9	19.7	23.2	45.9	41.4	53.7	59.6	33.8
Chicago Option	Bil. dol.	(NA)	6.3	8.0	14.3	13.8	27.9	22.4	32.3	35.7	18.6
American	Bil. dol.	(NA)	(NA)	1.9	3.6	6.4	12.5	13.8	14.3	15.0	8.9
Option exercises:											
Number of contracts [4]	Million	(NA)	.3	1.3	3.1	2.5	4.9	7.4	9.2	13.6	11.9
Value [4]	Bil. dol.	(NA)	1.3	4.2	7.5	10.9	20.4	34.6	37.1	65.1	54.4

– Represents zero. NA Not available.
[1] Includes market value of rights and warrants and, through 1975, bond sales, not shown separately.
[2] Includes other registered exchanges, not shown separately.
[3] Includes voting trust certificates, American Depository Receipts, and certificate of deposit for stocks.
[4] Prior to 1977, only call options were traded.

Source: U.S. Securities and Exchange Commission, *SEC Monthly Statistical Review.*

No. 860. Volume of Trading on New York Stock Exchange: 1970 to 1984

[**Round lot:** A unit of trading or a multiple thereof. On the NYSE the unit of trading is generally 100 shares in stocks. For some inactive stocks, the unit of trading is 10 shares. **Odd lot:** An amount of stock less than the established 100-share unit or 10-share unit of trading]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Shares traded	Million	3,124	4,839	5,519	5,419	7,371	8,336	11,562	12,049	16,669	21,846	23,309
Round lots	Million	2,937	4,693	5,360	5,274	7,205	8,156	11,352	11,854	16,458	21,590	23,071
Average daily shares	Million	11.6	18.6	21.2	20.9	28.6	32.2	44.9	46.9	65.1	85.3	91.2
High day	Million	21.3	35.2	44.5	35.3	66.4	81.6	84.3	92.9	149.4	129.4	236.6
Low day	Million	6.7	8.7	10.3	10.6	7.6	18.3	16.1	23.9	36.8	53.0	46.4
By size: [1]												
At 100–900 shares	Percent	(NA)	42.1	37.8	33.4	30.2	27.5	24.7	21.1	16.2	14.6	11.3
At 1,000–4,900 shares	Percent	(NA)	31.4	32.4	32.6	33.9	33.7	32.2	31.0	26.5	26.7	25.1
At 5,000–9,900 shares	Percent	(NA)	8.7	9.7	10.3	10.9	11.4	11.4	12.1	12.8	12.7	13.8
At 10,000 shares over [2]	Percent	(NA)	17.9	20.1	23.7	25.0	27.4	31.7	35.8	42.5	46.0	49.8
Odd lots	Million	186	146	159	145	166	180	209	196	211	256	238
Value of shares traded	Bil. dol.	102.5	131.7	165.7	155.3	205.6	244.5	382.4	396.1	495.1	775.3	773.4
Round lots	Bil. dol.	95.3	126.7	159.8	150.2	199.9	238.2	374.9	389.2	488.4	765.3	764.7
Odd lots	Bil. dol.	7.2	5.0	6.0	5.1	5.7	6.3	7.5	6.9	6.7	10.1	8.7
Bond volume (par value)	Mil. dol.	4,495	5,178	5,262	4,646	4,554	4,088	5,190	5,733	7,155	7,572	6,982
Daily average	Mil. dol.	17.7	20.5	20.8	18.4	18.1	16.2	20.5	22.7	28.3	29.9	27.6

NA Not available. [1] Share volume of reported trades by size (percent of total) on New York Stock Exchange.
[2] Includes bunched orders at the opening and re-opening of trading.

Source: New York Stock Exchange, Inc., New York, NY, *Fact Book*, annual.

No. 861. Securities Listed on N.Y. Stock Exchange: 1970 to 1984

[As of **December 31**, except **cash dividends** are for **calendar year**]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Bonds:												
Face value	Bil. dol.	135	334	401	497	509	526	602	681	793	965	1,084
Market value	Bil. dol.	113	315	402	480	465	460	508	574	766	898	1,023
Average price	Percent	83.60	91.89	100.39	96.52	91.37	87.36	84.41	84.24	96.67	93.04	94.29
Stocks:												
Shares	Billion	16.1	22.5	24.5	26.1	27.6	30.0	33.7	38.3	39.5	45.1	49.1
Market value	Bil. dol.	636	685	858	797	823	961	1,243	1,144	1,305	1,584	1,586
Average price	Dollars	39.61	30.48	35.03	30.53	29.84	31.99	36.87	29.87	33.03	35.11	32.31
Cash dividends on common stock	Bil. dol.	19.8	26.9	30.6	36.3	41.2	46.9	53.1	60.6	62.2	67.1	68.2
Industrial	Bil. dol.	13.6	17.6	20.2	23.9	26.6	30.3	34.5	38.7	39.4	42.1	(NA)
Transportation	Bil. dol.	.5	.6	.6	.8	.9	1.0	1.2	1.3	1.0	.9	(NA)
Utilities	Bil. dol.	4.5	6.7	7.7	9.0	10.7	12.2	13.3	15.8	16.9	18.5	(NA)
Finance	Bil. dol.	1.1	1.9	2.1	2.6	2.9	3.5	4.2	4.9	5.0	5.6	(NA)

NA Not available.

Source: New York Stock Exchange, Inc., New York, NY, *Fact Book*, annual.

No. 862. Stock Ownership—Characteristics of Shareowners: 1970 to 1983

[**In thousands.** Represents all publicly owned issues of common and preferred stocks including stock mutual funds. Based on national probability samples; see source for detailed explanation]

CHARACTERISTIC	1970	1975	1980	1981	1983
Total [1]	**30,850**	**25,270**	**30,200**	**32,260**	**42,360**
Male	15,689	12,698	15,666	17,120	20,864
Female	15,161	12,508	14,534	15,140	21,496
Age:					
Under 21 years	2,221	1,818	2,308	2,321	2,749
21–34 years	4,500	2,838	6,407	7,653	10,552
35–44 years	5,801	3,976	5,925	5,624	8,346
45–54 years	7,556	5,675	5,456	5,439	6,586
55–64 years	6,084	5,099	5,144	6,144	6,850
65 years and over	4,330	5,800	4,589	5,079	7,277
Education:					
High school: [2]					
3 years or less	3,566	1,621	1,746	1,861	2,356
4 years	8,697	6,580	5,737	6,045	8,788
College: [2]					
1–3 years	5,867	5,301	9,353	10,093	13,529
4 years or more	9,999	9,886	10,613	11,880	14,375
Minors [3]	2,221	1,818	2,308	2,321	2,749
Income: [4]					
Under $5,000	2,389	780	1,742	2,164	1,460
$5,000–$9,999	5,779	2,636			
$10,000–$14,999	8,346	4,552	3,180	2,537	2,596
$15,000–$24,999	7,670	8,778	6,930	6,829	6,579
$25,000–$49,999	4,114	5,426	11,623	12,090	17,168
$50,000 and over		1,216	3,982	5,457	7,918
Residence by MSA size: [5]					
Under 100,000	175	328	204	208	262
100,000–249,000	2,245	2,059	1,883	2,278	3,060
250,000–499,999	2,686	2,691	2,921	3,146	3,962
500,000–999,999	3,712	3,257	4,345	4,532	6,555
1,000,000 and over	14,881	11,893	15,447	16,788	21,730
Nonmetropolitan areas	6,913	4,978	5,400	5,308	6,791

[1] Includes small number of shareowners not distributed by breakdown. [2] Persons 21 years old and over. [3] Shareowners whose stockholdings are registered in accordance with the Gifts to Minors Statutes. [4] Adult shareowners only.
[5] MSA=Metropolitan statistical area. Prior to 1983, designation was SMSA=standard metropolitan statistical area. For definition, see Appendix II.

Source: New York Stock Exchange, Inc., New York, NY, *Shareownership*, periodic.

No. 863. Commodity Futures Trading on U.S. Exchanges—Volume of Trading: 1970 to 1984

[**In thousands. 1970** for year ending **June 30**; thereafter, for years ending **Sept. 30**]

COMMODITY	1970	1977	1978	1979	1980	1981	1982	1983	1984
Number of contracts traded	**12,398**	**41,023**	**53,222**	**74,309**	**82,691**	**101,124**	**107,644**	**136,077**	**148,822**
Grain	2,162	7,928	10,228	13,023	18,287	19,808	14,885	17,794	15,889
Oilseeds/products	3,677	13,475	14,037	16,570	15,692	20,315	15,763	19,823	23,489
Livestock/products	3,432	5,633	8,502	11,529	11,808	9,804	10,968	11,063	8,429
Foodstuffs	1,961	2,447	2,335	2,360	5,314	4,549	3,580	4,838	4,690
Industrial materials	56	1,677	1,786	2,374	3,560	3,290	3,605	4,690	6,214
Metals	1,110	8,864	13,394	21,879	14,099	17,870	19,307	26,316	22,447
Financial instruments	–	605	1,594	4,571	10,213	20,091	31,251	40,155	51,003
Currencies	–	393	1,346	2,004	3,719	5,398	8,284	11,398	16,661

– Represents zero.

Source: U.S. Commodity Futures Trading Commission, *Annual Report*.

No. 864. Mutual Funds—Net Assets, Sales, and Redemptions: 1970 to 1984

[In billions of dollars, except number of funds. See also *Historical Statistics, Colonial Times to 1970*, series X 536-539]

TYPE OF FUND	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Number of funds	361	431	426	452	477	505	524	564	669	857	1,026	1,352
Assets	47.6	35.8	45.8	51.0	48.5	55.8	94.5	134.7	241.4	296.6	292.9	370.6
Money market funds	(X)	1.7	3.6	3.4	3.5	10.9	45.2	74.4	181.9	206.6	162.5	209.7
Equity funds	45.1	30.9	37.5	39.2	34.1	32.7	35.9	44.4	41.2	53.6	77.0	80.3
Income and bond funds	2.5	3.2	4.7	7.8	8.4	9.3	10.1	11.1	11.0	15.8	22.0	35.7
Municipal bond funds	(X)	(X)	(X)	.5	2.3	2.6	3.0	2.9	3.1	7.4	14.6	21.0
Limited maturity municipal bonds [1]	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1.9	4.2	13.2	16.8	23.8
Sales	4.6	5.3	10.1	13.7	17.1	37.2	119.3	247.5	472.2	627.0	547.8	680.1
Money market funds	(X)	2.2	6.8	9.4	10.7	30.5	111.9	232.2	451.9	581.8	463.0	572.0
Equity funds	4.2	2.6	2.6	2.7	2.4	2.8	3.1	5.6	6.0	8.3	22.4	18.4
Income and bond funds	.4	.5	.7	1.2	1.6	2.0	2.0	2.6	2.3	4.0	6.8	17.6
Municipal bond funds	(X)	(X)	(X)	.5	2.1	1.8	1.7	1.8	1.5	3.5	9.1	9.8
Limited maturity municipal bonds [1]	(X)	(X)	(X)	(X)	(X)	(X)	(X)	5.3	10.5	29.4	44.5	62.3
Redemptions	3.0	3.9	9.6	16.4	16.7	31.5	86.8	216.5	362.6	588.4	565.8	807.0
Money market funds	(X)	.6	5.9	9.8	10.7	24.3	78.4	204.5	346.7	559.6	508.7	531.1
Equity funds	2.8	3.0	3.3	6.0	4.7	5.1	5.7	5.7	5.1	5.2	9.3	10.9
Income and bond funds	.2	.3	.4	.8	.8	1.0	1.4	1.5	1.6	1.7	3.1	5.0
Municipal bond funds	(X)	(X)	(X)	(Z)	.5	1.1	.9	1.0	.8	.7	2.3	4.1
Limited maturity municipal bonds [1]	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3.8	8.3	21.2	42.4	55.9

X Not applicable. Z Less than $50 million. [1] The average maturity of the portfolio is generally less than two years.

Source: Investment Company Institute, Washington, DC, *Mutual Fund Fact Book*, annual.

No. 865. U.S. Life Insurance Companies—Summary: 1970 to 1984

[As of **December 31** or **calendar year**, as applicable. Covers domestic and foreign business of U.S. companies. See also *Historical Statistics, Colonial Times to 1970*, series X 879 and X 890-907]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
U.S. companies	Number	1,780	1,746	1,789	1,840	1,895	1,958	1,991	2,060	2,082	2,134
Sales [1]	Bil. dol.	206.8	316.5	407.7	437.9	526.8	654.7	1,138.6	919.9	1,278.9	1,390.2
Ordinary	Bil. dol.	134.8	207.1	277.3	304.2	359.1	461.5	700.1	661.1	971.9	1,074.3
Group [1]	Bil. dol.	65.4	102.7	123.8	127.7	162.4	189.6	436.0	256.9	305.5	314.9
Industrial	Bil. dol.	6.6	6.7	6.5	6.0	5.3	3.6	2.5	1.9	1.5	1.0
Voluntary termination, ordinary policies: [2]											
All policies in force in U.S.	Percent	5.9	6.7	6.6	6.6	7.2	8.1	8.9	10.0	11.0	11.9
In force 2 years or more	Percent	3.9	4.5	4.7	4.6	5.1	5.8	6.6	7.6	8.6	9.6
Income	Bil. dol.	49.1	78.0	98.0	108.2	119.1	130.9	151.9	170.0	176.0	206.1
Life insurance premiums	Bil. dol.	21.7	29.3	33.8	36.6	39.1	40.8	46.3	50.8	50.3	51.3
Percent of total	Percent	44.2	37.6	34.5	33.8	32.8	31.2	30.5	29.9	28.6	24.9
Annuity considerations	Bil. dol.	3.7	10.2	15.0	16.3	17.9	22.4	27.6	34.6	30.5	42.8
Health insurance premiums	Bil. dol.	11.4	19.1	23.6	25.8	27.9	29.4	31.8	35.0	38.2	40.7
Investment and other	Bil. dol.	12.3	19.4	25.7	29.4	34.2	38.3	46.2	49.6	57.0	71.3
Disbursements	Bil. dol.	39.0	56.2	69.0	72.6	81.1	88.2	101.8	113.3	123.5	138.5
Payments to policyholders [3]	Bil. dol.	25.6	38.1	44.4	47.8	53.7	59.0	65.1	71.2	80.9	89.8
Percent of total	Percent	65.6	65.5	64.3	65.8	66.2	66.9	63.9	62.8	65.5	64.8
Death payments	Bil. dol.	7.2	9.3	10.2	11.1	11.8	12.9	13.6	14.5	16.8	17.6
Matured endowments	Bil. dol.	1.0	1.0	.9	.9	.9	.8	.7	.6	.6	.7
Annuity payments	Bil. dol.	1.7	3.2	4.6	5.1	6.6	7.4	9.6	10.3	12.7	18.0
Policy dividends	Bil. dol.	3.8	5.1	6.3	6.8	7.6	8.1	9.3	9.6	10.8	11.4
Surrender values	Bil. dol.	2.9	3.8	4.3	4.5	5.5	6.4	7.1	9.8	12.5	14.5
Disability benefits	Bil. dol.	.2	.4	.5	.5	.6	.5	.6	.5	.5	.4
Commissions, expenses, etc.	Bil. dol.	12.9	19.4	23.9	23.7	25.9	27.8	35.1	40.3	40.7	46.0
Dividends to stockholders	Bil. dol.	.5	.7	.8	1.1	1.5	1.4	1.6	1.8	1.9	2.7
Taxes, licenses and fees	Bil. dol.	2.2	3.5	4.4	5.1	5.5	4.8	4.2	4.4	4.3	6.1
Federal income taxes	Bil. dol.	1.2	1.9	2.5	3.0	3.3	2.6	1.8	1.6	1.2	2.8

[1] Includes Servicemen's Group Life Insurance of $16.8 billion in 1970, $1.7 billion in 1975, and $45.6 billion in 1981, as well as $84.4 billion of Federal Employees' Group Life Insurance in 1981. [2] Rate is ratio of number of policies lapsed or surrendered (for cash, extended term), less reinstatements, to mean number of policies in force. Includes foreign companies' policies, primarily Canadian. [3] Includes operations of accident and health departments of life insurance companies, not shown separately.

Source: American Council of Life Insurance, Washington, DC. Based on data from *Life Insurance Fact Book;* and unpublished data.

No. 866. U.S. Life Insurance Companies—Financial Items: 1970 to 1984

[**In billions of dollars, except percent.** As of **December 31.** See also *Historical Statistics, Colonial Times to 1970*, series X 908–917]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Assets	**207.3**	**289.3**	**321.6**	**351.6**	**390.0**	**432.3**	**479.2**	**525.8**	**588.2**	**654.9**	**723.0**
Government securities	11.1	15.2	20.3	23.6	26.6	29.7	33.0	39.5	55.5	76.6	99.8
Corporate securities	88.5	133.9	154.9	171.7	191.6	208.8	227.0	241.5	268.5	287.0	322.5
Percent of total assets	42.7	46.3	48.2	48.8	49.1	48.3	47.4	45.9	45.7	45.3	44.6
Bonds	73.1	105.8	120.7	137.9	156.0	169.0	179.6	193.8	212.8	232.1	259.1
Stocks	15.4	28.1	34.3	33.8	35.5	39.8	47.4	47.7	55.7	64.9	63.4
Mortgages	74.4	89.2	91.6	96.8	106.2	116.4	131.1	137.7	142.0	151.0	156.7
Real estate	6.3	9.6	10.5	11.1	11.8	13.0	15.0	18.3	20.6	22.2	25.7
Policy loans	16.1	24.5	25.8	27.6	30.1	34.8	41.4	48.7	53.0	54.1	54.5
Other	10.9	16.9	18.5	21.1	23.7	27.6	31.7	40.1	48.6	54.0	63.8
Interest earned on assets [1] (percent)	5.30	6.36	6.55	6.89	7.31	7.73	8.02	8.57	8.91	8.96	9.45
Liabilities [2]	189.9	266.7	299.5	328.1	363.7	402.3	444.8	488.4	546.7	608.5	672.6
Policy reserves [2]	167.8	237.1	262.8	287.9	318.5	351.6	390.4	428.0	479.4	532.4	584.2
Capital and surplus [2]	17.3	20.6	22.0	23.6	26.2	30.0	34.4	37.4	41.5	46.4	50.4

[1] Net rate. [2] Includes business of accident and health departments of U.S. life insurance companies.

Source: American Council of Life Insurance, Washington, DC, *Life Insurance Fact Book*, annual.

No. 867. U.S. Life Insurance Companies—New Long-Term Investments: 1970 to 1984

[**In billions of dollars, except percent.** Long-term investments are investments of over 1 year in length. Minus sign (–) indicates decrease]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	**23.9**	**39.6**	**35.5**	**42.5**	**55.4**	**66.6**	**68.8**	**72.6**	**77.9**	**83.7**	**110.5**	**169.9**	**202.5**
Annual percent change [1]	–.3	18.3	–10.2	19.7	30.2	20.3	3.2	5.6	7.3	7.4	32.1	53.7	19.2
Government securities	.8	1.4	1.5	3.7	7.3	7.5	6.5	6.9	7.0	10.6	24.3	49.1	62.9
Corporate securities	10.9	20.9	16.1	22.5	31.7	37.8	36.0	33.5	36.4	42.5	58.8	86.9	104.0
Bonds	6.8	12.7	11.3	16.6	24.0	30.2	28.0	23.1	22.3	23.0	33.0	50.8	68.7
Stocks	4.1	8.2	4.8	5.9	7.7	7.6	8.0	10.4	14.1	19.5	25.8	36.1	35.3
Mortgages	7.2	11.5	11.3	9.6	9.8	14.2	17.8	20.7	19.7	13.5	11.5	20.1	20.1
Real estate	.9	1.2	1.3	2.1	1.8	2.0	2.2	2.8	3.3	4.5	4.5	4.3	6.0
Policy loans	4.1	4.6	5.3	4.6	4.8	5.1	6.3	8.7	11.5	12.6	11.4	9.5	9.5

[1] Change from prior year shown; for 1970, change from 1969. For explanation of annual percent change, see Guide to Tabular Presentation.

Source: American Council of Life Insurance, Washington, DC, *Life Insurance Fact Book*, annual.

No. 868. Life Insurance in Force in the U.S.—Summary: 1970 to 1984

[As of **December 31** or **calendar year,** as applicable. Covers life insurance with life insurance companies only. Represents all life insurance in force on lives of U.S. residents whether issued by U.S. or foreign companies. "Families" includes families, subfamilies, and unrelated individuals; see definitions, p. 4. See also *Historical Statistics, Colonial Times to 1970*, series X 879–889]

YEAR	LIFE INSURANCE IN FORCE						COVERAGE ($1,000)		Disposable personal income per family ($1,000)	AVERAGE SIZE POLICY IN FORCE (dollars)			
	Number of policies, total (mil.)	Value (bil. dol.)					Per family	Per insured family		Ordinary	Group	Industrial	Credit [1]
		Total	Ordinary	Group	Industrial	Credit [1]							
1970	355	1,402	731	545	38.6	87.9	20.7	24.4	10.3	6,110	6,910	500	1,000
1971	357	1,503	788	581	39.2	95.0	21.7	25.5	10.8	6,440	7,170	520	1,080
1972	365	1,628	849	631	40.0	108.8	22.9	26.9	11.4	6,790	7,730	530	1,190
1973	369	1,778	928	708	40.6	101.2	24.4	28.8	12.6	7,230	8,010	540	1,300
1974	380	1,985	1,009	827	39.4	109.6	26.5	31.2	13.3	7,690	8,840	550	1,310
1975	380	2,140	1,083	905	39.4	112.0	28.1	33.0	14.4	8,090	9,360	570	1,410
1976	382	2,343	1,178	1,003	39.2	123.6	30.1	35.0	15.3	8,610	10,010	580	1,580
1977	390	2,583	1,289	1,115	39.0	139.4	32.4	37.7	16.5	9,240	10,550	590	1,760
1978	401	2,870	1,425	1,244	38.1	163.1	35.1	40.8	17.9	10,010	11,260	600	1,950
1979	407	3,222	1,586	1,419	37.8	179.3	38.5	44.8	19.6	10,990	12,350	610	2,120
1980	402	3,541	1,761	1,579	36.0	165.2	41.5	48.3	21.4	11,920	13,410	620	2,110
1981	400	4,064	1,978	1,889	34.5	162.4	45.7	53.2	22.7	13,310	15,400	630	2,220
1982	390	4,477	2,217	2,066	32.8	161.1	49.3	57.3	23.9	15,140	16,630	630	2,410
1983	387	4,966	2,544	2,220	31.4	170.7	54.2	63.0	25.5	17,380	17,530	630	2,650
1984	385	5,500	2,888	2,392	30.1	190.0	58.7	68.3	27.5	19,970	18,780	630	2,880

[1] Insures borrower to cover loan in case of death.

Source: American Council of Life Insurance, Washington, DC, *Life Insurance Fact Book*, annual.

No. 869. Life Insurance—Insurance in Force and Benefit Payments by State: 1984

[Applies to policyholders and payments in the U.S. For composition of regions, see fig. 1 inside front cover]

Region, division, and state	Insurance in force: Policies (1,000)	Insurance in force: Value (bil. dol.)	Insurance in force: Avg. per family (dol.)	Benefit payments [1] (mil. dol.)
U.S.	**385,407**	**5,500**	**58,700**	**60,429**
Region:				
Northeast	79,826	1,214	61,800	15,705
Midwest	98,712	1,415	61,100	16,457
South	149,009	1,828	58,300	17,508
West	57,859	1,043	53,500	10,759
New England	**20,851**	**317**	**62,300**	**3,976**
Maine	1,852	21	44,800	251
New Hampshire	1,612	23	57,200	250
Vermont	840	11	48,500	145
Massachusetts	8,936	138	58,100	1,670
Rhode Island	1,816	23	58,000	314
Connecticut	5,793	101	82,600	1,346
Middle Atlantic	**58,976**	**897**	**61,600**	**11,729**
New York	25,473	423	60,000	5,543
New Jersey	11,584	210	73,400	2,570
Pennsylvania	21,919	264	56,700	3,616
East North Central	**70,510**	**986**	**61,100**	**11,839**
Ohio	18,265	249	60,200	3,147
Indiana	9,474	122	56,300	1,464
Illinois	20,409	298	66,300	3,502
Michigan	14,980	216	62,000	2,448
Wisconsin	7,382	101	54,400	1,278
West North Central	**28,202**	**429**	**61,000**	**4,618**
Minnesota	5,977	105	63,600	1,056
Iowa	4,850	72	61,300	867
Missouri	8,479	115	57,200	1,248
North Dakota	1,010	17	62,200	159
South Dakota	994	16	57,200	171
Nebraska	2,705	43	64,700	499
Kansas	4,187	62	62,400	618
South Atlantic	**75,631**	**911**	**58,200**	**9,035**
Delaware	1,524	22	89,600	254
Maryland	7,901	108	64,900	1,164
Dist. of Columbia	2,246	37	118,700	277
Virginia	11,720	142	66,200	1,285
West Virginia	3,031	33	44,600	361
North Carolina	12,127	133	55,400	1,233
South Carolina	7,824	71	57,700	566
Georgia	12,349	143	64,500	1,109
Florida	16,909	221	47,000	2,786
East South Central	**31,001**	**303**	**53,800**	**2,784**
Kentucky	6,037	66	46,600	628
Tennessee	9,272	105	58,700	1,047
Alabama	11,875	87	58,700	740
Mississippi	3,817	45	47,800	369
West South Central	**42,377**	**614**	**61,000**	**5,689**
Arkansas	2,851	39	43,500	355
Louisiana	9,791	104	63,000	956
Oklahoma	4,526	73	54,700	751
Texas	25,209	398	64,300	3,627
Mountain	**17,960**	**280**	**55,900**	**2,730**
Montana	1,123	16	47,800	175
Idaho	1,351	20	51,700	205
Wyoming	674	11	56,300	120
Colorado	4,997	88	65,100	808
New Mexico	1,721	28	52,000	274
Arizona	4,500	69	52,100	669
Utah	2,249	35	59,500	296
Nevada	1,345	19	47,300	183
Pacific	**39,899**	**763**	**52,700**	**8,029**
Washington	5,142	93	49,900	969
Oregon	3,137	55	47,500	644
California	28,921	574	52,800	6,025
Alaska	890	13	64,400	80
Hawaii	1,809	28	72,500	311

[1] Comprises death payments, matured endowments, disability and annuity payments, surrender values, and policy dividends.

Source: American Council of Life Insurance, Washington, DC, *Life Insurance Fact Book,* annual.

No. 870. Property and Liability Insurance: 1970 to 1983

[**In millions of dollars, except companies reporting.** Premiums written represent total premiums on all insurance policies written by companies, with inception dates in years shown. Minus sign (−) indicates loss. See also *Historical Statistics, Colonial Times to 1970,* series X 918, 923, 928, 933, and 940]

Item	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Companies reporting	2,727	2,886	2,880	2,940	2,938	2,867	2,867	2,953	2,994	(NA)
Premiums written [1]	**32,867**	**49,967**	**60,418**	**72,397**	**81,690**	**90,123**	**95,569**	**99,276**	**103,968**	**108,983**
Auto liability	8,958	13,315	16,052	18,829	20,383	22,102	23,319	24,395	26,226	28,080
Physical damage, auto	4,824	7,623	9,565	11,521	12,835	14,538	15,833	16,748	18,005	19,748
Liability, other than auto	2,140	3,981	5,384	6,794	7,706	7,817	7,692	7,385	7,159	7,247
Medical malpractice	(NA)	895	1,133	1,194	1,216	1,204	1,276	1,338	1,490	1,568
Fire [2]	3,147	3,691	4,102	4,415	4,675	4,781	4,784	4,817	4,836	4,608
Homeowners multiple peril	2,565	4,729	5,689	6,766	7,792	8,792	9,821	10,780	11,747	12,512
Commercial multiple peril	1,331	3,176	4,052	4,891	5,830	6,667	6,886	6,870	7,009	7,293
Workers' compensation	3,492	6,186	7,534	9,261	11,300	13,164	14,239	14,616	13,945	14,005
Inland marine	812	1,286	1,444	1,584	1,867	2,081	2,291	2,428	2,510	2,649
Ocean marine	465	861	902	953	1,000	1,009	1,065	1,127	1,101	1,096
Surety and fidelity	562	789	835	912	1,076	1,155	1,248	1,351	1,454	1,649
Burglary and theft	135	120	124	129	133	140	136	128	115	106
Crop-hail	125	312	325	340	351	396	417	504	532	444
Boiler and machinery	115	173	170	213	256	283	293	298	293	356
Glass	40	32	32	34	35	33	32	31	29	27
Statutory underwriting gain/loss	77	−3,594	−1,559	1,926	2,548	24	−1,712	−4,464	−8,303	−11,088
Policyholders' dividends	504	633	630	815	1,252	1,324	1,622	1,824	1,987	2,234
Net underwriting gain/loss	−426	−4,227	−2,189	1,112	1,296	−1,301	−3,334	−6,288	−10,290	−13,322
Net investment income	2,005	4,150	4,806	5,816	7,290	9,279	11,063	13,248	14,907	15,973
Net income/loss before taxes	1,579	77	2,617	6,928	8,586	7,978	7,730	6,961	4,617	2,651
Assets	58,594	94,118	105,586	126,613	149,097	174,228	197,661	212,302	231,693	249,121
Policyholders' surplus	18,520	25,303	24,678	29,300	35,379	42,456	52,196	53,804	60,395	65,606

NA Not available. [1] Total includes all property, liability, and allied lines; other data are for principal lines only.
[2] Includes extended coverage and allied lines.

Source: Insurance Information Institute, New York, NY, *Insurance Facts,* annual. Data from A. M. Best Company, Oldwick, NJ.

No. 871. Automobile Insurance: 1970 to 1984

[In millions of dollars, except as indicated. Premiums earned basis. See also *Historical Statistics, Colonial Times to 1970,* series Q 163-174]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	
									Private passenger	Commercial
Companies reporting	**925**	**1,275**	**1,381**	**1,399**	**1,470**	**1,507**	**1,531**	**1,571**	**1,587**	
Total insurance:										
Premiums earned	14,612	23,860	32,393	35,366	37,621	39,752	42,606	48,236	43,238	7,252
Losses paid [1]	11,198	19,657	22,755	26,130	27,887	30,605	35,106	39,198	35,058	7,127
Percent of premiums	76.6	82.4	70.2	73.9	74.1	77.0	82.4	81.3	81.1	98.3
Bodily injury liability: [2]										
Premiums earned	9,559	15,150	19,997	21,544	22,480	23,623	25,390	28,635	24,960	4,549
Losses paid [1]	7,547	12,277	14,252	16,016	17,221	19,154	21,807	24,919	21,531	4,990
Percent of premiums	79.0	81.0	71.3	74.3	76.6	81.1	85.9	87.0	86.3	109.7
Physical damage: [3]										
Premiums earned	5,053	8,710	12,396	13,822	15,141	16,130	17,215	19,600	18,278	2,703
Losses paid [1]	3,651	7,380	8,503	10,114	10,665	11,452	13,130	14,279	13,527	2,137
Percent of premiums	72.3	84.7	68.6	73.3	70.4	71.0	76.3	72.9	74.0	79.1

[1] Includes adjusting expenses. [2] Includes property damage. [3] Covers auto fire, theft, collision, and comprehensive.

Source: The National Underwriter Co., Cincinnati, OH, *Argus F. C. & S. Chart,* annual (copyright).

No. 872. Private Health Insurance Organizations—Income and Expenses: 1970 to 1983

[In millions of dollars, except percent. Minus sign (−) indicates loss. Expenses are on incurred basis. See also *Historical Statistics, Colonial Times to 1970,* series X 957-962]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
All organizations:											
Total premium income	16,871	27,876	33,178	40,386	48,016	53,577	62,012	72,468	84,858	98,996	109,660
Claims expense	15,321	25,116	31,223	37,578	42,959	49,078	56,905	67,275	78,743	90,977	100,281
Percent of premium income	90.8	90.1	94.1	93.0	89.5	91.6	91.8	92.8	92.8	91.9	91.4
Operating expense	2,304	3,694	4,027	4,609	5,272	5,919	6,816	8,059	9,560	11,504	12,874
Net underwriting gain	−753	−933	−2,073	−1,801	−215	−1,420	−1,710	−2,863	−3,446	−3,485	−3,495
Blue Cross-Blue Shield:											
Premium income	7,371	12,367	14,446	17,268	19,553	21,547	23,471	26,334	30,447	34,338	37,611
Claims expense	7,060	11,640	14,192	16,227	17,826	19,465	21,724	25,466	29,209	32,144	34,398
Operating expense	534	911	1,063	1,193	1,330	1,502	1,716	1,951	2,250	2,476	2,710
Net underwriting gain	−224	−184	−809	−151	397	580	31	−1,083	−1,012	−282	503
Insurance companies [1]:											
Premium income	8,304	12,444	14,075	16,296	19,060	21,059	24,386	28,794	34,398	41,774	46,472
Claims expense	7,104	10,657	12,826	14,959	16,435	19,058	21,830	25,570	30,589	37,256	41,828
Net underwriting gain	−447	−750	−1,375	−1,659	−758	−1,760	−1,698	−1,763	−2,141	−2,888	−3,456
Other plans: Premium income	1,197	3,066	4,657	6,821	9,403	10,971	14,154	17,340	20,013	22,884	25,577

[1] Excludes administrative service agreements and hospital indemnity. Hospital indemnity is a form of health insurance which provides a stipulated daily, weekly, or monthly indemnity during hospital confinement. Indemnity is payable on an unallocated basis without regard to actual expense of hospital confinement.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* Fall 1985, and unpublished data.

No. 873. Health Insurance—Premium Income and Benefit Payments: 1970 to 1983

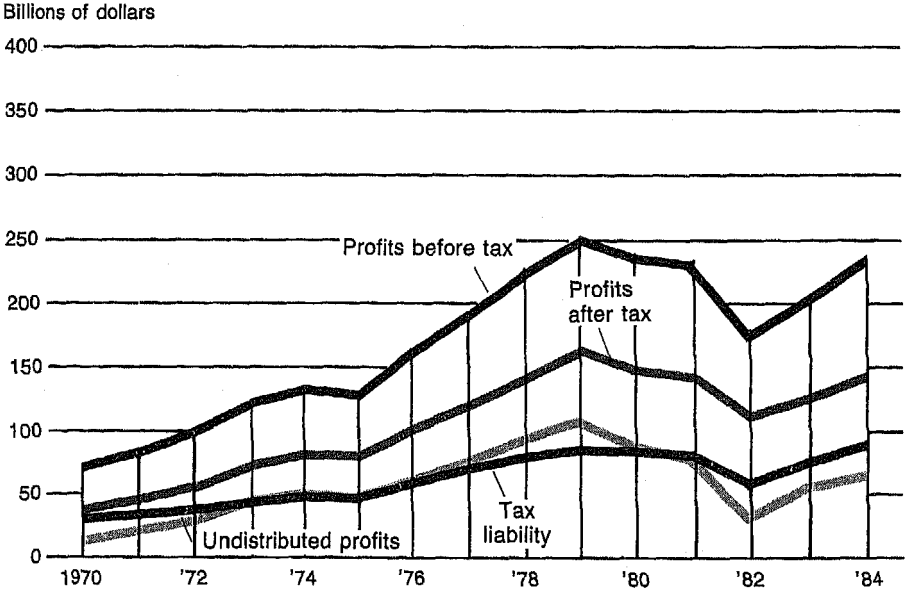
[In billions of dollars. Represents premium income of and benefits paid by insurance companies only. Beginning 1975, includes Puerto Rico and other U.S. outlying areas. Excludes Blue Cross-Blue Shield plans, medical-society sponsored plans, and all other independent plans]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Premiums [1]	***11.5***	***16.1***	***17.9***	***20.8***	***24.5***	***28.7***	***32.7***	***37.9***	***43.7***	***49.0***	***58.3***	***66.2***
Group policies [2]	8.1	11.8	13.2	15.9	19.4	23.2	26.9	31.7	36.8	42.5	50.0	56.5
Individual and family policies	3.4	4.3	4.7	4.9	5.1	5.4	5.8	6.2	6.9	6.5	8.3	9.6
Benefit payments [3]	**9.1**	**11.9**	**13.6**	**16.5**	**20.2**	**22.1**	**26.4**	**31.7**	**37.0**	**41.6**	**49.2**	**53.6**
Group policies [2]	7.5	9.8	11.4	14.2	17.8	19.5	22.9	27.9	33.0	37.7	44.2	48.1
Individual and family policies	1.6	2.1	2.2	2.3	2.4	2.6	3.5	3.8	4.0	3.9	4.9	5.5
Type of coverage:												
Loss of income	1.8	2.2	2.5	2.7	2.9	3.1	3.4	4.7	5.3	5.2	5.5	4.9
Medical expense	7.1	9.4	10.8	13.2	16.1	17.6	21.2	24.8	28.9	33.0	39.6	44.3
Dental	.1	.3	.3	.6	1.2	1.5	1.8	2.2	2.8	3.5	4.0	4.4

[1] *1970 refers to written premiums; thereafter, refers to earned premiums.* [2] *Beginning 1975, insurance company group* premiums and benefit payments include Administrative Service Agreements and Minimum Premium Plans. Amounts for prior years contain only a portion of these data. [3] Beginning 1973, excludes accidental death and dismemberment benefits and accident medical reimbursement benefits.

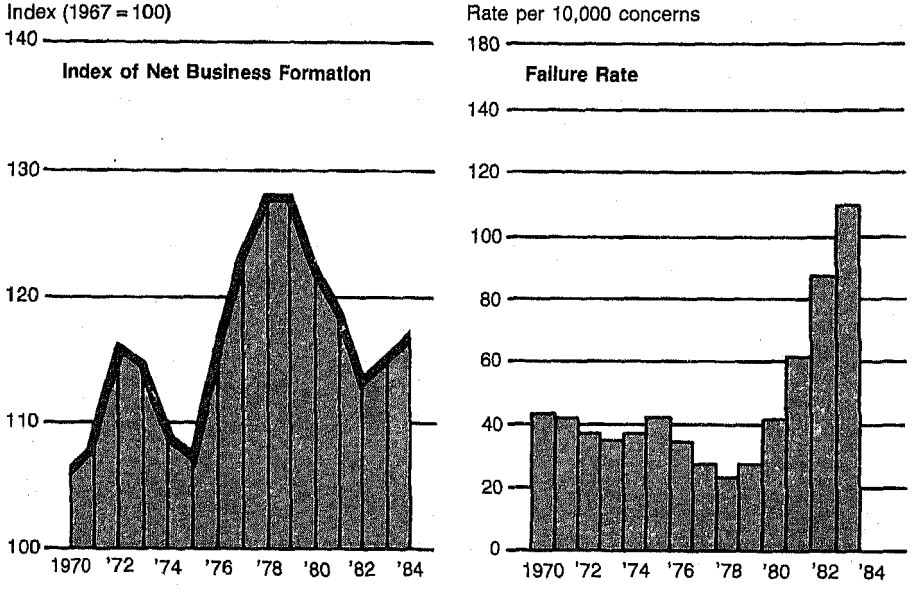
Source: Health Insurance Association of America, Washington, DC, *Source Book of Health Insurance Data,* 1984-1985 edition.

Figure 18.1
Corporate Profits: 1970 to 1984

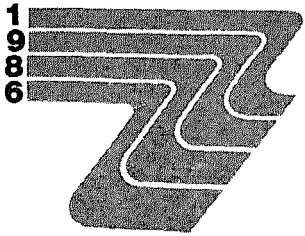


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 910.

Figure 18.2
Index of Net Business Formation and Business Failure Rate: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 883.



Section 18

Business Enterprise

This section relates to the place and behavior of the business firm, and to business initiative in the American economy. It includes data on the number, type, and size of businesses; financial data of domestic and multinational U.S. corporations and their foreign affiliates; business investment, expenditures, and profits; business sales and inventories; consumer cooperatives; and business failures. Additional business data may be found in other sections, particularly 29 and 30.

The principal sources of these data are the Survey of Current Business, published by the Bureau of Economic Analysis (BEA); the *Federal Reserve Bulletin,* issued by the Board of Governors of the Federal Reserve System; the annual *Statistics of Income* reports of the Internal Revenue Service (IRS); *The Failure Record Through (Year),* issued by the Dun & Bradstreet Corporation, New York; and *Fortune* and *The Fortune Directory,* issued by Time, Inc., New York. Other sources are publications of the Securities and Exchange Commission (SEC), the Bureau of the Census, and the Administrative Office of the United States Courts.

Business firms.—A firm is generally defined as a business organization under a single management and may include one or more establishments (i.e., a single physical location at which business is conducted). The terms firm, business, company, and enterprise are used interchangeably throughout this section. A firm doing business in more than one industry is classified by industry according to the major activity of the firm as a whole. The industrial classification is based on the *Standard Industrial Classification (SIC) Manual* (see text, page 388).

The IRS concept of a business firm relates primarily to the legal entity used for tax reporting purposes. The IRS *Statistics of Income* reports present data, based on a sample of tax returns before audit, separately for sole proprietorships, partnerships, and active corporations. A *sole proprietorship* is an unincorporated business owned by one person. Sole proprietorships include the entire range of unincorporated, one-owner businesses, farms, and professional practices, from large enterprises with many employees and hired managers to the part-time operations in which the owner is the only person involved. A *partnership* is an unincorporated business owned by two or more persons, each of whom has a financial interest in the business. The "persons" could be individuals, estates, trusts, or corporations. A *corporation* is a business that is legally incorporated under State laws. The IRS recognizes many types of businesses as corporations, including joint-stock companies; mutual and other insurance companies; and unincorporated associations such as business trusts, mutual savings and loan associations, certain partnerships, mutual savings banks, and cooperative banks. While many corporations file consolidated tax returns, most corporate tax returns represent individual corporations, some of which are affiliated through common ownership or control with other corporations filing separate returns.

Assets and liabilities.—In its annual report, *Statistics of Income, Corporation Income Tax Returns,* the IRS presents balance sheet and income estimates for all active U.S. corporations. The Bureau of the Census issues the *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations* (QFR), which presents quarterly income account and balance sheet data for manufacturing, mining, and trade industries. The Federal Reserve Board issues *Working Capital of U.S. Nonfinancial Corporations,* which presents data on components of current assets and liabilities of all nonfinancial U.S. corporations. Both of these reports were prepared by the Federal Trade Commission until responsibilities for QFR were transferred to Census beginning with the 4th quarter 1982 report.

One of the most comprehensive measures of the investment position of the business sector (and the only measure adjusted to current replacement cost) is the BEA capital stock series. See *Fixed Reproducible Tangible Wealth in the United States, 1925-79,* and periodic updates in the *Survey of Current Business.*

Income, profits, dividends, and taxes.—Several agencies, among them IRS and BEA, compile corporate income account data. These data, however, are not comparable because of differing methods of compilation. A reconciliation of the two can be found in table 8.12 of *National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business* (normally the July issue), published by BEA. The IRS publishes financial data for all business enterprises. These data appear in *Statistics of Income—Partnership Returns, Sole Proprietorship Returns,* and *Corpo-*

ration Income Tax Returns. Supplemental reports published periodically present data on international income and taxes reported by U.S. corporations.

The corporate data issued by BEA are a part of its national income and product accounts (see text, p. 427) and are defined as required for purposes of national income estimation. The primary sources for BEA estimates of profits, taxes, dividends, and undistributed profits are the original corporate tax returns submitted to IRS. Various adjustments of IRS data are required by the national income treatment—particularly with respect to profits which would be disclosed if all tax returns were audited; depletion; capital gain or loss; treatment of bad debts; measurement of income received from abroad; and intercorporate dividends—to make the figures comparable with other entries in the national income accounts. For a discussion of two types of adjustments (inventory valuation and capital consumption), see text, page 427. The BEA's corporate profits data also include net earnings of Federal Reserve banks, credit unions, private noninsured pension funds, and several quasi-government credit agencies not included in IRS data.

Sources and uses of corporate funds.—These data (table 909) show capital requirements of corporations and the manner in which they are financed. Sources of funds should be equal to their uses. Certain discrepancies, however, interfere with this equality due to omission of (1) money accruing to corporations from an excess of sales over purchases of used plant and equipment, (2) transactions in securities held as permanent investments except public offerings, and (3) net purchases of land. Also, the balance sheet data upon which many of the financial flow estimates are based are not fully comparable with the tax-return based estimates of internal sources, or the establishment series underlying the figures on inventory change.

Plant and equipment expenditures.—Estimates of actual and planned expenditures for new plant and equipment in the United States by business are based on quarterly sample surveys conducted by the Bureau of Economic Analysis.

For quarterly data, see current issues of the *Survey of Current Business.* For a discussion of coverage, concepts, and methodology, see the February 1985 issue of the *Survey.*

Sales and inventories.—Sales are estimated aggregate values, and inventories are book values at the end of the period. Sales signifies sales or shipments for retail and wholesale trade and billings or shipments for manufacturing. Trade inventories are valued at cost of merchandise on hand, while manufacturers' inventories are valued at approximate current costs or at book values, as reported by the manufacturer. Inventories (see table 905) are based on data from censuses (conducted every five years, for years ending in "2" and "7") and annual surveys. Monthly data for manufacturing appear in the Bureau of the Census Current Industrial Reports, *Manufacturers' Shipments, Inventories, and Orders,* series M3-1; for data on retail and wholesale trade, see Section 30.

Sales, assets, net income, stockholder's equity, and total returns to investors.—Sales include service and rental revenues but exclude dividends, interest, and other non-operating revenues. All companies on the list must have derived more than 50 percent of their sales from manufacturing and/or mining. Sales of subsidiaries are included when they are consolidated. **Assets** are those shown at the company's year-end. **Net income** is shown after taxes and after extraordinary credits or charges when any are shown on the income statement. **Stockholder's equity** is the sum of capital stock, surplus and retained earnings at the company's year-end. Redeemable preferred stock is excluded when its redemption is either mandatory or outside the control of the company, except in the case of cooperatives. **Total returns to investors** include both price appreciation and dividend yield. Returns are adjusted for stock splits, stock dividends, recapitalizations, and corporate reorganizations as they occur. For further discussion, see Time, Inc., New York, NY, *The Fortune Directory,* May and June issues.

Economic censuses.—The economic censuses constitute comprehensive and periodic canvasses of the Nation's industrial and business activities. The first economic census of the United States was conducted as part of the 1810 decennial census, when inquiries on manufacturing were included with the census of population. Minerals data were collected in 1840. The first censuses of construction and business were taken for 1929. An integrated economic census program was begun for 1954. In that year, the censuses covered the retail and wholesale trades, selected service industries, manufactures, and mineral industries. The economic censuses are taken at 5-year intervals covering years ending in "2" and "7".

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

No. 874. Number of Returns, Receipts, and Net Income, by Type of Business: 1970 to 1982

[Figures are estimates based on samples; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series V 1-12. For further information regarding corporations, see table 895]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982
Number	**1,000**	**12,001**	**13,979**	**14,741**	**15,629**	**16,187**	**16,793**	**13,858**	**14,546**
Receipts [1]	**Bil. dol.**	**2,082**	**3,685**	**4,699**	**5,377**	**6,345**	**7,159**	**7,725**	**7,755**
Net income (less deficit) [2]	**Bil. dol.**	**109**	**196**	**283**	**320**	**361**	**302**	**264**	**198**
Proprietorships, number [3]	1,000	9,400	10,882	11,346	12,018	12,330	12,702	9,585	10,106
Business receipts [1]	Bil. dol.	238	339	394	443	488	506	427	434
Net income (less deficit) [2]	Bil. dol.	33	45	51	59	61	55	53	51
Partnerships, number	1,000	936	1,073	1,153	1,234	1,300	1,380	1,461	1,514
Total receipts [4]	Bil. dol.	93	147	177	219	258	292	272	297
Net income (less deficit) [2]	Bil. dol.	10	8	13	14	15	8	−3	−7
Corporations, number	1,000	1,665	2,024	2,242	2,377	2,557	2,711	2,812	2,926
Total receipts [4]	Bil. dol.	1,751	3,199	4,128	4,715	5,599	6,361	7,026	7,024
Net income (less deficit) [2 5]	Bil. dol.	66	143	219	247	285	239	214	154

[1] See footnote 1, table 876. [2] See footnote 2, table 876. [3] Through 1980, covers individually owned businesses and farms; thereafter nonfarm business. [4] Total taxable receipts before deduction of cost of goods sold, cost of operations, and net loss from sales of property other than capital assets. Includes business receipts, interest, and receipts not specified. [5] Includes constructive taxable income from related foreign corporations

Source: U.S. Internal Revenue Service, 1975 *Statistics of Income, Business Income Tax Returns*, annual; thereafter, *Statistics of Income, Sole Proprietorship Returns*, annual; *Statistics of Income Partnership Returns*, annual; and *Statistics of Income, Corporation Income Tax Return*, annual.

No. 875. Number of Returns and Business Receipts, by Size of Receipts and Type of Business: 1980 to 1982

[See headnote, table 876 and footnote 3, table 874. See also *Historical Statistics, Colonial Times to 1970*, series V 1-12. For further information regarding corporations, see table 895]

SIZE-CLASS OF RECEIPTS	1980		1981		1982							
					Returns (1,000)				Receipts (bil. dol.)			
	Returns (1,000)	Receipts (bil. dol.)	Returns (1,000)	Receipts (bil. dol.)	Total	Nonfarm proprietorships	Partnerships [1]	Corporations [1]	Total	Nonfarm proprietorships	Partnerships [1]	Corporations [1]
Total	**16,793**	**6,523.4**	**13,858**	**6,934.2**	**14,546**	**10,106**	**1,514**	**2,926**	**6,842.3**	**433.7**	**251.6**	**6,157.0**
Under $25,000 [2]	10,290	64.7	8,028	46.8	8,582	7,203	759	620	49.6	45.0	1.7	2.9
$25,000-$49,999	1,811	63.6	1,474	49.9	1,513	1,117	178	218	49.8	39.9	3.3	6.6
$50,000-$99,999	1,589	110.6	1,352	90.8	1,360	844	191	325	88.5	59.2	7.8	21.5
$100,000-$499,999	2,202	473.6	2,068	439.3	2,152	838	293	1,021	450.0	166.4	41.5	242.1
$500,000-$999,999	412	282.2	423	282.4	416	68	52	296	273.9	47.0	23.6	203.3
$1,000,000 or more	488	5,528.6	512	6,023.8	524	36	42	446	5,930.5	76.2	173.7	5,680.6
	PERCENT DISTRIBUTION											
Under $25,000 [2]	61.3	1.0	57.9	.7	59.0	71.3	50.1	21.2	.7	10.4	.7	(z)
$25,000-$49,999	10.8	1.0	10.6	.7	10.4	11.1	11.8	7.4	.7	9.2	1.3	.1
$50,000-$99,999	9.5	1.7	9.8	1.3	9.3	8.3	12.6	11.1	1.3	13.7	3.1	.3
$100,000-$499,999	13.1	7.3	14.9	6.3	14.8	8.3	19.4	34.9	6.6	38.4	16.5	3.9
$500,000-$999,999	2.5	4.3	3.1	4.1	2.9	.7	3.4	10.1	4.0	10.8	9.4	3.3
$1,000,000 or more	2.9	84.8	3.7	86.9	3.6	.4	28	15.3	86.7	17.6	69.0	92.3

Z Less than .05 percent. [1] Business receipts. Active firms only. [2] Includes firms with no receipts.

Source: U.S. Internal Revenue Service, *Statistics of Income, Sole Proprietorship Returns*, annual; *Statistics of Income, Partnership Returns*, annual; and *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 876. Number of Returns, Receipts, and Net Income, by Industry and Type of Business: 1982

[Figures are estimates based on sample of unaudited tax returns; see Appendix III. Due to minor variations in estimating techniques, totals differ slightly from those shown in other IRS tables in this section. For further information regarding corporations, see tables 895. See *Historical Statistics, Colonial Times to 1970*, series V 42-53, for number of active corporations. Minus sign (—) indicates net loss]

Industry	Number of returns (1,000)			Business receipts [1] (bil. dol.)			Net income (less deficit) [2] (bil. dol.)		
	Nonfarm proprietorships	Active partnerships	Active corporations	Nonfarm proprietorships	Active partnerships	Active corporations	Nonfarm proprietorships	Active partnerships	Active corporations
Total [3]	**10,106**	**1,514**	**2,926**	**433.7**	**251.6**	**[4] 6,157.0**	**50.6**	**—7.3**	**154.3**
Agriculture, forestry, and fishing	294	133	91	8.7	5.0	60.6	.6	—.7	—.1
Mining	138	56	37	11.8	17.6	191.2	—.3	—8.8	.5
Construction	1,203	66	282	49.1	18.0	271.6	6.6	1.4	2.3
Manufacturing	249	23	259	10.0	14.8	2358.0	.9	—.8	75.8
Transportation, public utilities [5]	452	18	115	22.7	6.6	606.0	1.6	—.8	18.3
Wholesale and retail trade [3]	2,487	205	840	196.4	69.7	1972.3	6.6	1.6	28.4
Wholesale	277	27	286	33.7	30.2	1047.6	1.9	.3	16.6
Retail	2,123	177	549	159.6	39.4	922.1	4.5	1.3	11.8
Finance, insurance, real estate [6]	962	726	462	24.3	53.5	949.9	5.8	—11.2	21.8
Services	4,275	279	820	108.3	65.8	355.1	28.2	11.9	7.2

[1] Receipts from sales and services less allowances, rebates, and returns; excludes capital gains or losses, and investment income not associated with the taxpayer's business. [2] Net income (less deficit) is defined differently by legal form of organization, basically as follows: (a) Proprietorships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income are excluded; (b) Partnerships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, except capital gains, are included; (c) Corporations: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, such as capital gains and income from foreign corporations considered received for tax purposes only, are included; net profit is before income tax. [3] Includes business not allocable to individual industries. [4] Includes only business receipts portion of finance, insurance and real estate industries, therefore industry components exceed the total. [5] Includes sanitary services. [6] Includes total receipts for the finance, insurance, and real estate industry.

No. 877. Number of Returns, Receipts, and Net Income, by Industry, by Type of Business, and by Size of Business Receipts: 1982

[**Number in thousands; receipts and net income in millions of dollars.** See headnote, table 876. See *Historical Statistics, Colonial Times to 1970*, series V 42-53, for number of active corporations. Minus sign (—) indicates net loss]

Industry	Nonfarm proprietorships [1]			Active partnerships			Active corporations		
	Under $50,000 [2]	$50,000–$99,999	$100,000 or more	Under $100,000 [2]	$100,000–$499,999	$500,000 or more	Under $1,000,000	$1,000,000–$10,000,000	$10,000,000 or more
All industrial divisions: [3]									
Number	8,320	844	942	1,127	293	94	2,479	396	50
Business receipts [4]	84.8	59.2	289.7	12,829	41,480	197,300	476,376	1,035,170	4,645,448
Net income [5]	15.9	12.1	22.6	—22,936	2,405	13,216	—3,173	14,655	142,852
Agriculture, forestry, fishing:									
Number				125	7	1	83	7	1
Business receipts [4]				363	1,383	3,258	15,303	18,406	26,935
Mining:									
Number				45	7	4	30	6	1
Business receipts [4]				497	1,613	15,453	5,072	16,697	169,383
Construction:									
Number				42	20	4	236	43	3
Business receipts [4]				1,485	3,952	12,635	53,331	112,500	105,802
Manufacturing:									
Number				16	6	2	180	66	13
Business receipts [4]				361	1,253	13,210	48,636	199,968	2,109,369
Transportation, public utilities: [6]									
Number		(NA)		13	4	2	98	15	2
Business receipts [4]				407	845	5,317	19,600	41,398	545,041
Wholesale and retail trade:									
Number				117	66	22	632	185	23
Business receipts [4]				4,163	14,554	51,092	173,365	519,549	1,279,392
Finance, insurance, real estate:									
Number				572	116	38	429	27	6
Business receipts [4]				1,108	3,541	48,828	23,634	24,119	289,741
Services:									
Number				190	67	22	772	46	2
Business receipts [4]				4,394	14,069	47,372	135,745	100,674	118,672

NA Not available.
[1] Individually owned businesses. [2] Includes businesses without receipts. [3] Includes businesses not allocable to individual industries. [4] See footnote 1, table 876. [5] Less loss. See footnote 2, table 876. [6] Includes sanitary services.

Source of tables 876 and 877: U.S. Internal Revenue Service, *Statistics of Income, Sole Proprietorship Returns*, annual; *Statistics of Income, Partnership Returns*, annual; and *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 878. Nonfarm Sole Proprietorship Returns—Selected Income and Deduction Items: 1970 to 1983

[**In millions of dollars, except as indicated.** All figures are estimates based on sample. Tax law changes have affected the comparability of the data over time. See *Statistics of Income* reports for a description of appropriate years tax law changes; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series V 4-6]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983, prel.
Number of returns, total (1,000)	5,770	7,221	8,230	8,596	[1] 8,932	[1] 9,585	[1] 10,106	10,698
Number with net business income (1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	6,535	6,761	7,370
Inventory, end of year	11,061	15,578	19,603	21,925	21,996	22,922	21,805	(NA)
Business receipts, total	198,582	273,955	361,630	395,670	411,206	427,063	433,665	445,205
Income from sales and operations	(NA)	272,343	358,922	392,498	407,169	421,700	428,312	439,834
Deductions, total	168,045	234,318	308,149	339,141	356,258	373,991	383,092	386,450
Cost of goods sold/operations	109,149	146,261	187,636	202,499	209,880	209,724	205,471	205,016
Purchases	88,586	117,722	146,141	161,798	168,302	167,751	161,295	(NA)
Labor costs	7,704	8,791	10,971	10,943	10,922	10,923	11,425	8,911
Materials and supplies	6,216	9,091	13,045	13,943	12,909	12,081	12,736	(NA)
Commissions	1,274	2,226	3,680	3,745	3,333	3,540	4,464	(NA)
Salaries and wages	15,107	20,228	25,634	27,339	26,581	28,749	30,403	30,605
Car and truck expenses	(NA)	(NA)	(NA)	11,443	13,378	12,358	(NA)	(NA)
Rent paid	4,637	6,676	8,009	8,886	9,636	10,715	11,797	11,301
Repairs	2,445	3,044	4,150	4,770	5,032	5,414	6,006	(NA)
Taxes paid	3,776	5,424	6,970	7,485	7,672	6,661	7,748	(NA)
Utilities	(NA)	(NA)	(NA)	4,503	4,790	8,276	(NA)	(NA)
Insurance	2,310	3,504	5,309	5,862	6,003	6,239	6,448	(NA)
Interest paid	1,784	3,391	4,998	6,386	7,190	9,052	10,143	8,710
Depreciation	5,452	7,958	10,999	12,929	13,953	15,855	19,122	20,606
Pension and profit sharing plans	73	125	125	136	141	153	136	121
Net income (less loss)	30,537	39,637	53,481	56,528	54,947	53,072	50,553	58,784
Businesses with profit	33,736	45,625	62,271	67,079	68,010	68,553	68,647	76,001
Businesses without profit	3,198	5,988	8,790	10,550	13,063	15,481	18,094	17,297

NA Not available. [1] Includes breakeven businesses.

Source: U.S. Internal Revenue Service, *Statistics of Income, Sole Proprietorship Returns*, annual.

No. 879. Partnership Returns—Selected Income Statement and Balance Sheet Items: 1970 to 1982

[**In millions, except as indicated.** All figures are estimates based on samples. See headnote, table 878. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, Series V 7-9]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982
Active partnerships, number (1,000)	936	1,073	1,153	1,234	1,300	1,380	1,461	1,514
Number with net income (1,000)	640	661	710	762	766	774	749	791
Number with balance sheets (1,000)	556	783	906	1,024	(NA)	1,194	1,198	1,223
Number of partners (1,000)	3,698	4,951	6,080	6,121	6,955	8,420	9,448	9,765
Assets, total [1]	116,753	235,468	296,098	353,696	447,130	597,504	715,233	845,281
Buildings/depreciable assets (net)	(NA)	113,125	(NA)	158,728	(NA)	239,140	367,270	310,846
Inventories, end of year	(NA)	11,985	(NA)	17,203	(NA)	33,218	59,650	100,729
Land	(NA)	36,732	(NA)	46,442	(NA)	70,241	76,333	87,820
Liabilities, total	(NA)	193,876	(NA)	293,050	(NA)	488,734	580,034	701,630
Accounts, payable	(NA)	12,302	(NA)	20,943	(NA)	33,899	29,092	37,255
Short-term debt [2]	(NA)	22,709	(NA)	27,811	(NA)	48,002	55,692	73,278
Long-term debt [3]	(NA)	[4] 136,297	(NA)	114,943	(NA)	178,044	196,509	236,218
Nonrecourse loans	(NA)	([4])	(NA)	83,747	(NA)	118,910	138,134	154,509
Partner's capital accounts	(NA)	41,593	(NA)	60,646	(NA)	108,770	135,199	143,651
Total receipts	93,348	148,418	180,849	219,192	258,198	291,998	272,130	296,690
Business receipts	90,209	142,506	171,424	207,731	242,654	271,109	230,027	251,609
Interest received [5]	942	2,447	3,103	4,347	7,246	10,869	13,773	15,260
Deductions, total	83,558	140,680	167,585	204,745	242,992	283,749	274,865	304,005
Cost of goods sold/operations	46,041	64,673	75,853	87,217	102,097	113,886	130,044	144,595
Salaries and wages	8,129	12,489	14,745	16,585	19,393	22,336	21,953	23,205
Taxes paid	3,159	5,771	6,914	7,365	8,329	9,553	5,040	5,289
Interest paid	4,470	12,097	13,455	16,023	21,276	28,362	19,586	21,517
Depreciation [6]	4,579	10,109	12,335	14,520	17,663	21,576	27,263	32,362
Net income (less loss)	9,790	7,738	13,264	14,447	15,206	8,249	−2,735	−7,315
Businesses with profit	14,419	22,432	28,930	33,689	40,001	45,062	50,567	53,557
Businesses without profit	4,629	14,694	15,665	19,243	24,795	36,813	53,302	60,871

NA Not available [1] Total assets, total liabilities, and partner's capital accounts are somewhat understated because not all partnership returns filed contained a complete balance sheet. [2] Represents mortgages, notes, and bonds payable in less than one year. [3] Represents mortgages, notes, and bonds payable in one year or more. [4] Tax year 1975 long term debt included nonrecourse loans. [5] Beginning 1982, includes both interest and dividends. [6] Beginning 1981, not comparable with earlier years due to change of form to form 4562.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Summer 1983 and Spring 1985.

No. 880. Employees and Payroll, by Employment-Size Class and Industry: 1983

[Excludes government employees, railroad employees, self-employed persons, etc. See "General Explanation" in source for definitions and statement on reliability of data]

EMPLOYMENT SIZE-CLASS	Unit	All industries [1]	Agricultural services [2]	Mining	Contract construction	Manufacturing	Transportation [3]	Wholesale trade	Retail trade	Finance and insurance [4]	Services
Employees, total	1,000	72,971	325	972	3,765	18,232	4,551	5,122	15,232	5,545	18,832
Under 20 employees	1,000	20,135	196	148	1,586	1,412	757	2,044	6,193	1,671	5,796
20 to 99 employees	1,000	20,806	78	264	1,192	3,701	1,146	1,967	6,224	1,621	4,550
100 to 249 employees	1,000	10,328	27	181	407	3,362	711	597	1,719	713	2,611
250 to 499 employees	1,000	6,466	13	146	191	2,770	510	262	615	439	1,521
500 to 999 employees	1,000	5,186	(Z)	124	110	2,330	416	154	278	365	1,398
1,000 or more employees	1,000	10,050	(Z)	109	279	4,657	1,011	98	203	736	2,956
Annual payroll	**Bil. dol**	**1,269**	**4.2**	**27.0**	**80.2**	**397.7**	**108.4**	**107.3**	**150.9**	**107.7**	**277.3**
Under 20 employees	Bil. dol	298	2.5	3.6	28.5	24.5	13.0	39.6	57.4	28.6	92.7
20 to 99 employees	Bil. dol	319	1.0	6.6	26.3	68.0	23.9	40.8	59.8	31.2	60.7
100 to 249 employees	Bil. dol	175	(Z)	5.0	9.8	64.6	16.8	13.6	18.1	14.0	32.5
250 to 499 employees	Bil. dol	122	(Z)	4.4	4.8	55.9	12.9	6.5	7.7	9.1	20.7
500 to 999 employees	Bil. dol	107	(Z)	4.0	2.8	52.1	11.2	4.2	4.2	7.7	20.6
1,000 or more employees	Bil. dol	248	(Z)	3.5	7.9	132.5	30.7	2.7	3.7	17.1	50.0

Z Less than 500 or $500 million. [1] Includes nonclassifiable establishments not shown separately. [2] Includes forestry and fisheries. [3] Includes other public utilities. [4] Includes real estate.

No. 881. Employees and Payroll, by Employment-Size Class: 1975 to 1983

[See headnote, table 880]

EMPLOYMENT-SIZE CLASS	Unit	1975	1976	1977	1978	1979	1980	1981	1982	1983
Employees, total	1,000	60,564	62,648	64,976	70,289	74,681	74,836	74,850	74,297	72,971
Under 20 employees	1,000	16,393	16,821	17,605	18,723	19,406	19,423	19,515	19,898	20,136
20 to 99 employees	1,000	16,272	17,099	17,815	19,612	20,992	21,168	21,231	21,143	20,806
100 to 249 employees	1,000	8,052	8,508	8,877	9,769	10,508	10,812	10,940	10,675	10,328
250 to 499 employees	1,000	5,661	5,926	6,079	6,558	7,019	7,028	7,037	6,769	6,466
500 to 999 employees	1,000	4,872	5,053	5,157	5,537	5,780	5,689	5,497	5,436	5,186
1,000 or more employees	1,000	9,315	9,241	9,443	10,090	10,976	10,716	10,630	10,376	10,050
Annual payroll	**Bil. dol**	**596**	**661**	**738**	**841**	**952**	**1,039**	**1,150**	**1,199**	**1,269**
Under 20 employees	Bil. dol	138	151	171	190	210	231	254	272	298
20 to 99 employees	Bil. dol	147	164	183	211	239	261	288	303	319
100 to 249 employees	Bil. dol	78	88	99	114	131	146	164	169	175
250 to 499 employees	Bil. dol	57	64	71	82	93	103	115	117	122
500 to 999 employees	Bil. dol	53	59	65	74	84	91	99	104	107
1,000 or more employees	Bil. dol	123	134	149	170	196	208	229	234	248

Source of tables 880 and 881: U.S. Bureau of the Census, *County Business Patterns*, annual.

No. 882. INC. 100—The Top 100 Smaller Publicly-Held Corporations, Based on Five-Year Sales Growth: 1980 to 1985

[The INC. 100 includes independent, publicly held corporations in a manufacturing, mining, or service industry with sales less than $25 million in respective base years 1975 to 1979. Includes only those 100 companies with the highest sales growth rate. Excludes utilities, banks, insurance companies, and other financial institutions]

ITEM	Unit	1980	1981	1982	1983	1984	1985
Firms by industry:							
Manufacturing	Number	56	53	53	51	51	53
Services	Number	32	30	36	32	42	30
Mining (incl. oil and gas)	Number	12	17	11	17	7	6
Sales, total	Bil. dol	4.6	5.0	5.0	5.3	4.5	5.5
Percent change (5 yr.): [1]							
Top 100 companies	Percent	753	1,188	1,247	1,177	2,030	(NA)
Top company	Percent	9,534	36,567	43,154	88,970	43,670	(NA)
100th company	Percent	321	510	592	500	783	(NA)
All manufacturing corporations [2]	Percent	78	78	54	41	34	(NA)
Net income, total	Mil. dol	292.7	347.8	404.8	463.5	173.2	179.5
Mean sales	Mil. dol	29.8	29.6	28.7	27.1	20.2	27.1
Net income as percent of sales (mean)	Percent	7.2	8.7	8.9	9.6	5.7	4.1
Number acquiring other firms	Number	48	58	45	43	45	44
Number incorporated (past 10 yrs.)	Number	32	41	56	53	77	84
Employees, total	Number	78,146	88,732	62,597	68,273	50,578	(NA)

NA Not available. [1] Represents 5 year growth from prior year shown; 1980 change 1975. [2] Source: U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

Source: Except as noted, Bradford W. Ketchum, Jr., senior editor, INC. Magazine, Boston, MA, *INC.*, selected monthly issues. (Copyright.)

No. 883. New Business Concerns and Business Failures: 1970 to 1984

[See also *Historical Statistics, Colonial Times to 1970*, series V 21-24]

Formations and failures	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Business formations:														
Index, net formations [1] (1967 = 100)	106.4	115.9	114.9	109.2	107.0	115.6	123.2	128.2	128.3	122.4	118.6	113.2	114.8	117.1
New incorporations (1,000)	264	317	329	319	326	376	438	478	525	534	582	567	600	635
Failures, number [2] (1,000)	10.7	9.6	9.3	9.9	11.4	9.6	7.9	6.6	7.6	11.7	16.8	24.9	31.3	(NA)
Rate per 10,000 concerns	44	38	36	38	43	35	28	24	28	42	61	88	110	(NA)

NA Not available. [1] Source: U.S. Bureau of Economic Analysis press release. [2] See footnote 2, table 884.

Source: Except as noted, Dun & Bradstreet Corporation, New York, NY, Monthly New Business Incorporation Report.

No. 884. Industrial and Commercial Failures—Number and Liabilities: 1946 to 1984

[Excludes Hawaii prior to 1975, Alaska prior to 1976. Excludes all railroad failures. Excludes real estate and financial companies. See also *Historical Statistics, Colonial Times to 1970*, series V 20-30]

Yearly average or year	Total concerns in business [1] (1,000)	Failures [2]			
		Number	Rate per 10,000 concerns	Current liabilities [3] (mil. dol.)	Average liability ($1,000)
1946-1950	2,493	5,652	21	213	45
1951-1955	2,635	9,317	35	370	39
1956-1960	2,674	14,177	53	708	50
1961-1965	2,565	14,849	57	1,261	86
1966-1970	2,481	10,993	44	1,324	121
1971-1975	2,559	10,117	40	2,730	270
1976-1980	2,770	8,694	31	3,213	371
1965	2,527	13,514	53	1,322	98
1966	2,520	13,061	52	1,386	106
1967	2,519	12,364	49	1,265	102
1968	2,481	9,636	39	941	98
1969	2,444	9,154	37	1,142	125
1970	2,442	10,748	44	1,888	176
1971	2,466	10,326	42	1,917	186
1972	2,490	9,566	38	2,000	209
1973	2,567	9,345	36	2,299	246
1974	2,591	9,915	38	3,053	308
1975	2,679	11,432	43	4,380	383
1976	2,782	9,628	35	3,011	313
1977	2,793	7,919	28	3,095	391
1978	2,786	6,619	24	2,656	401
1979	2,708	7,564	28	2,667	353
1980	2,780	11,742	42	4,635	395
1981	2,745	16,794	61	6,955	414
1982	2,806	24,908	88	15,611	627
1983	2,851	31,334	110	16,073	513
1984, prel	2,966	(NA)	(NA)	(NA)	(NA)

NA Not available.

[1] Data represent number of names listed in July issue of *Dun & Bradstreet Reference Book*. [2] Includes concerns discontinued following assignment, voluntary or involuntary petition in bankruptcy, attachment, execution, foreclosure, etc.; voluntary withdrawals from business with known loss to creditors; also enterprises involved in court action, such as receivership and reorganization or arrangement which may or may not lead to discontinuance; and businesses making voluntary compromise with creditors out of court. [3] Liabilities exclude long-term publicly held obligations; offsetting assets are not taken into account.

No. 885. Industrial and Commercial Failures—Number and Liabilities, by State: 1982 and 1983

Division and state	Number		Current liabilities [1] (mil. dol.)	
	1982	1983	1982	1983
U.S	**24,908**	**31,334**	**15,610.8**	**16,072.9**
N.E	**650**	**831**	**481.5**	**271.9**
ME	94	90	22.7	30.0
NH	56	72	34.3	17.1
VT	14	32	2.8	7.9
MA	331	398	379.4	132.7
RI	58	76	13.1	9.0
CT	97	163	29.1	75.3
M.A	**2,854**	**3,349**	**2,184.7**	**1,990.2**
NY	1,273	1,488	1,482.8	1,174.8
NJ	512	689	346.6	315.4
PA	1,069	1,192	355.3	500.0
E.N.C	**4,279**	**5,367**	**1,851.1**	**1,658.0**
OH	1,165	1,467	291.9	430.3
IN	405	628	134.0	177.5
IL	1,087	1,445	866.0	504.4
MI	1,216	1,327	392.5	415.9
WI	406	500	166.7	129.8
W.N.C	**1,831**	**2,080**	**550.8**	**557.3**
MN	430	452	174.4	232.7
IA	179	220	50.0	52.4
W.N.C.—Con.				
MO	551	682	141.0	112.8
ND	77	92	39.7	31.5
SD	86	70	22.8	19.8
NE	146	104	36.3	21.7
KS	362	460	86.5	86.5
S.A	**3,064**	**3,799**	**1,202.5**	**1,585.2**
DE	31	56	5.1	128.9
MD	193	313	91.1	136.8
DC	47	61	18.5	97.1
VA	549	601	190.0	198.7
WV	241	259	39.1	61.0
NC	441	480	365.2	127.6
SC	98	145	22.3	31.4
GA	550	459	198.5	158.6
FL	914	1,425	272.7	645.0
E.S.C	**1,736**	**1,996**	**602.0**	**595.6**
KY	367	467	210.7	163.9
TN	814	989	226.8	252.9
AL	377	356	102.3	102.7
MS	178	184	62.2	76.2
W.S.C	**2,416**	**3,643**	**2,557.7**	**5,799.4**
AR	170	216	65.9	106.3
LA	328	589	494.2	1,692.7
OK	559	858	376.0	1,123.0
TX	1,359	1,980	1,621.6	2,876.9
Mt	**1,868**	**3,113**	**1,678.5**	**1,033.5**
MT	61	106	51.3	34.3
ID	71	137	18.1	42.1
WY	31	138	22.8	39.6
CO	653	1,501	1,316.2	607.1
NM	217	183	27.9	26.4
AZ	505	534	118.5	163.2
UT	147	338	69.2	70.2
NV	183	196	54.6	50.6
Pac	**6,210**	**7,156**	**4,501.9**	**2,581.8**
WA	1,146	1,222	266.2	397.3
OR	1,174	1,292	359.9	341.2
CA	3,673	4,423	3,805.8	1,782.1
HI	146	145	58.3	34.2
AK	71	74	11.7	27.0

[1] See headnote, and footnotes 2 and 3, table 884.

Source of tables 884 and 885: Dun & Bradstreet Corporation, New York, NY, *The Failure Record Through 1983*, and *Monthly Failure Report*.

No. 886. Industrial and Commercial Failures—Number and Liabilities, by Industry and Size of Liability: 1975 to 1983

[1975 excludes Alaska. See footnotes, table 884]

Industry and size of liability	Failures						Current liabilities (mil. dol.)					
	1975	1979	1980	1981	1982	1983	1975	1979	1980	1981	1982	1983
Total	**11,432**	**7,564**	**11,742**	**16,794**	**24,908**	**31,334**	**4,380**	**2,667**	**4,635**	**6,955**	**15,611**	**16,073**
Mining and manufacturing	1,645	1,165	1,599	2,223	3,683	4,433	1,021	970	1,885	2,369	5,510	6,372
Under $100,000	789	424	501	731	1,113	1,444	35	21	25	37	57	59
$100,000 and over	856	741	1,098	1,492	2,570	2,989	986	949	1,860	2,332	5,453	6,313
Wholesale trade	1,089	908	1,284	1,709	2,783	3,598	407	421	591	1,130	2,798	2,784
Under $100,000	611	342	468	590	845	1,364	28	17	24	31	42	56
$100,000 and over	478	566	816	1,119	1,938	2,234	379	404	567	1,099	2,755	2,728
Retail trade	4,799	3,183	4,910	6,882	9,730	11,429	1,836	637	994	1,559	4,479	2,329
Under $100,000	3,520	1,920	2,698	3,739	5,193	6,288	136	88	130	190	245	261
$100,000 and over	1,279	1,263	2,212	3,143	4,537	5,141	1,700	549	864	1,369	4,235	2,068
Construction	2,262	1,378	2,355	3,614	4,872	5,247	641	291	752	852	1,374	1,549
Under $100,000	1,433	718	1,147	1,840	2,334	2,633	58	33	56	88	108	110
$100,000 and over	829	660	1,208	1,774	2,538	2,614	583	258	696	764	1,266	1,438
Commercial service	1,637	930	1,594	2,366	3,840	6,627	475	348	413	1,046	1,450	3,039
Under $100,000	1,151	526	868	1,333	2,024	3,780	42	21	38	60	90	150
$100,000 and over	486	404	726	1,033	1,816	2,847	433	327	375	986	1,360	2,889

Source: Dun & Bradstreet Corporation, New York, NY, *The Failure Record Through 1983,* and *Monthly Failure Report.*

No. 887. Bankruptcy Petitions Filed and Pending: 1905 to 1984

[**In thousands.** For years ending **June 30,** except **1905** ending **Sept. 30.** Covers all U.S. bankruptcy courts. Bankruptcy petitions "Filed" means the commencement of a proceeding through the presentation of a petition to the clerk of the bankruptcy court; "Pending" is a proceeding in which the administration has not been completed]

Year	Filed	Pending	Year	Filed	Pending	Year	Filed	Pending	Year	Filed	Pending
1905	17	28	1945	13	21	1966	192	169	1975	254	202
1910	18	28	1950	33	38	1967	208	185	1976	247	271
1915	28	44	1955	59	56	1968	198	184	1977	214	254
1920	14	30	1960	110	95	1969	185	179	1978	203	240
1925	46	60	1961	147	124	1970	194	191	1979	226	258
1930	63	61	1962	148	134	1971	201	201	1980	278	346
1935	69	65	1963	155	148	1972	183	197	1981	360	362
1940	53	55	1964	172	157	1973	173	189	1982	368	461
			1965	180	162	1974	190	201	1983	375	537
									1984	344	578

No. 888. Bankruptcy Petitions Filed, by Type of Bankruptcy and Chapter of the Bankruptcy Code: 1975 to 1984

[For years ending **June 30**]

Item	1975	1976	1977	1978	1979	1980 [1]	1981	1982	1983	1984
Total	**254,484**	**246,549**	**214,399**	**202,951**	**226,476**	[2] **277,880**	**360,329**	**367,866**	**374,734**	**344,275**
Business	30,130	35,201	32,189	30,528	29,500	36,449	47,415	56,423	69,818	62,170
Non-business	224,354	211,348	182,210	172,423	196,976	241,431	312,914	311,443	304,916	282,105
Voluntary	253,198	245,383	213,257	201,944	255,549	276,691	358,997	366,331	373,064	342,828
Involuntary	1,286	1,166	1,142	1,007	927	1,189	1,332	1,535	1,670	1,447
Chapter 7 [3]	209,330	209,067	181,194	168,771	183,259	214,357	265,721	255,098	251,322	232,994
Chapter 9 [4]	–	2	1	2	1	–	1	4	3	4
Chapter 11 [5]	3,506	3,235	3,046	3,266	3,042	5,302	7,828	14,059	21,207	19,913
Chapter 13 [6]	41,178	33,579	29,422	30,185	39,442	58,216	86,778	98,705	102,201	91,358
Section 304 [7]	(X)	(X)	(X)	(X)	(X)	5	1	–	1	6

– Represents zero. X Not applicable. [1] For the first three months of 1980 the judiciary operated under the Bankruptcy Act and for the last nine months under the new bankruptcy code established by the Bankruptcy Reform Act of 1978. Includes only those petitions filed under the new bankruptcy code. [2] Includes five Section 304 cases filed under the Reform Act in 1980 and 1 in 1981 which are not included in the subcategories of voluntary/involuntary. [3] Chapter 7, liquidation of non-exempt assets of businesses or individuals. [4] Chapter 9, adjustment of debts of a municipality. [5] Chapter 11, individual or business reorganization. [6] Chapter 13, adjustment of debts of an individual with regular income. [7] 11 U.S.C., Section 304, cases ancillary to foreign proceedings.

Source of tables 887 and 888: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 889. Gross Domestic Product (GDP) of Corporate Business: 1975 to 1984

[**In billions of dollars.** For explanation of GDP, see text, p. 427. Excludes gross product originating in the rest of the world. Minus sign (–) indicates negative value. See *Historical Statistics, Colonial Times to 1970*, series V 141–166, for single-year figures prior to revisions issued in 1981]

ITEM	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Gross domestic product (GDP)	**938**	**1,054**	**1,193**	**1,355**	**1,505**	**1,638**	**1,840**	**1,882**	**2,037**	**2,277**
Capital consumption allowances [1]	99	110	121	138	158	179	203	222	231	246
Net domestic product	838	944	1,071	1,217	1,348	1,459	1,637	1,660	1,806	2,031
Indirect business tax [2]	102	110	118	128	137	156	186	*189*	*206*	*225*
Domestic income	736	834	953	1,089	1,211	1,303	1,451	1,471	1,600	1,806
Compensation of employees	617	694	783	895	1,015	1,112	1,228	1,281	1,357	1,495
Corporate profits with IVA and CCAdj [3]	98	124	152	173	164	146	166	137	200	263
Profits before tax	119	152	180	209	222	205	197	143	178	213
Profits tax liability	*51*	*64*	*73*	*83*	*88*	*85*	*81*	*61*	*76*	*90*
Profits after tax	*69*	*88*	*107*	*126*	*134*	*120*	*116*	*82*	*103*	*123*
Dividends	25	29	30	36	38	40	52	57	63	72
Undistributed profits	44	59	76	90	97	80	64	26	40	51
IVA [3]	–12	–15	–16	–24	–43	–43	–24	–9	–11	–6
CCAdj [3]	–10	–14	–11	–13	–15	–16	–8	3	33	56
Net interest	21	16	18	22	32	46	57	53	42	49
GDP of nonfinancial corporate business	**890**	**1,001**	**1,128**	**1,276**	**1,417**	**1,541**	**1,739**	**1,778**	**1,918**	**2,153**
Capital consumption allowances [1]	95	105	116	131	150	170	192	210	218	231
Net domestic product	795	897	1,013	1,145	1,267	1,371	1,547	1,569	1,700	1,922
Indirect business tax [2]	97	105	113	122	131	148	178	180	197	215
Domestic income	698	791	900	1,023	1,137	1,223	1,369	1,388	1,503	1,707
Compensation of employees	581	*654*	739	844	958	1,046	1,155	1,198	1,263	1,393
Corporate profits with IVA and CCAdj [3]	86	107	129	142	135	120	147	118	171	235
Profits before tax	107	135	156	178	192	178	177	123	149	185
Profits after tax	66	82	97	112	123	111	113	79	91	114
IVA [3]	–12	–15	–16	–24	–43	–43	–24	–9	–11	–6
CCAdj [3]	–10	–13	–11	–12	–14	–15	–6	4	33	55
Net interest	31	30	32	37	44	56	67	72	69	80
CONSTANT (1972) DOLLARS										
GDP of nonfinancial corporate business	**694**	**746**	**796**	**846**	**876**	**860**	**883**	**857**	**896**	**977**
Capital consumption allowances [1]	72	75	77	81	86	89	93	97	100	104
Net domestic product	622	671	718	765	790	770	790	761	796	873
Indirect business tax [2]	79	*83*	87	91	93	93	96	95	98	101
Domestic income	543	588	631	674	698	677	694	666	699	772

[1] With capital consumption adjustment. [2] Plus business transfer payments less subsidies. [3] Inventory valuation and capital consumption adjustments.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 890. Rates of Return on Current-Dollar Net Reproducible Tangible Nonfinancial Corporate Capital Stock Using Various Profit Measures: 1965 to 1984

[**In percent.** The profits concept emphasized in the national income and product account (NIPA) is profits from current production. The NIPA measure excludes capital gains and losses from income and resembles Pigou's concept in that NIPA profits are the excess of income over expenses beyond that necessary to maintain tangible capital intact. See A.C. Pigou, "Maintaining Capital Intact," *Economica* (August 1941): 271–75. See source, pp. 30–42 for details]

YEAR	NIPA profits	NIPA profits plus net interest	After-tax NIPA profits	After-tax NIPA profits plus net interest	Reported profits [1]	Reported profits plus net interest	After-tax reported profits	After-tax reported profits plus net interest
1965	14.8	16.1	8.8	10.2	14.2	15.6	8.1	*9.6*
1970	7.1	9.5	3.5	5.8	7.7	10.0	3.8	6.3
1971	7.8	10.1	4.1	6.3	8.2	10.5	4.2	6.7
1972	8.5	10.7	4.6	6.8	8.9	11.1	4.9	7.2
1973	8.2	10.6	4.0	6.4	10.0	12.4	5.5	8.2
1974	5.5	8.1	1.9	4.4	9.1	11.7	5.2	8.1
1975	6.5	8.8	3.4	5.7	8.1	10.4	4.6	7.3
1976	7.5	9.6	3.8	5.9	9.4	11.5	5.4	*7.8*
1977	8.2	10.2	4.4	6.4	9.9	11.9	6.1	8.1
1978	8.0	10.0	4.2	6.3	10.0	12.1	6.3	8.3
1979	6.6	8.8	3.2	5.4	9.4	11.6	6.0	8.2
1980	5.2	7.6	2.3	4.7	7.7	10.1	4.8	7.2
1981	5.7	*8.4*	3.3	5.9	6.9	9.5	4.4	7.0
1982	4.3	7.0	2.7	5.4	4.5	7.2	2.9	*5.6*
1983	6.0	8.5	4.0	6.4	5.3	7.7	3.2	5.6
1984	7.8	10.5	5.5	8.1	6.2	8.8	3.8	6.5

[1] Represents profits before tax which is equal to NIPA profits less the inventory valuation and capital consumption adjustments, closest to profits as measured on corporation's own books.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, January 1982 and unpublished data.

No. 891. Nonfinancial Corporate Business-Sector Balance Sheet: 1965 to 1984

[In billions of dollars. Represents year-end outstandings]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Total assets	825	1,241	2,090	2,274	2,532	2,874	3,332	3,773	4,153	4,294	4,531	4,803
Tangible assets [1]	567	872	1,533	1,663	1,860	2,110	2,443	2,780	3,096	3,208	3,317	3,517
Reproducible	469	758	1,361	1,476	1,646	1,859	2,138	2,403	2,638	2,712	2,783	2,941
Land	97	113	172	187	214	251	305	377	458	496	534	577
Financial assets	259	370	558	612	672	764	889	993	1,058	1,086	1,214	1,285
Liquid assets	63	69	125	140	143	153	178	194	212	239	287	298
Demand deposits and currency	33	44	54	56	59	63	69	73	63	72	71	69
Time deposits	9	5	22	24	29	31	36	40	55	60	77	81
Consumer credit	15	17	23	25	26	28	29	30	32	33	37	44
Trade credit	119	189	249	268	304	360	430	477	498	486	543	577
Miscellaneous assets	62	94	160	179	198	223	252	292	315	328	347	366
Total liabilities	349	542	771	835	930	1,072	1,236	1,363	1,507	1,588	1,715	1,939
Credit market instruments	222	355	548	591	663	741	836	912	1,015	1,085	1,145	1,320
Profit taxes payable	20	11	14	22	20	25	27	25	19	4	10	10
Trade debt	98	162	180	191	213	264	318	357	383	376	427	454
Foreign direct investment in U.S	9	13	28	31	35	42	54	68	90	122	133	155
Net worth	477	699	1,319	1,440	1,601	1,802	2,096	2,410	2,647	2,707	2,815	2,863

[1] Values at current cost.

Source: Board of Governors of the Federal Reserve System, *Balance Sheets for U.S. Economy.*

No. 892. Working Capital of Nonfinancial Corporations: 1974 to 1984

[In billions of dollars, except ratios. As of December 31. Covers all nonfinancial U.S. corporations]

ITEM	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Current assets	734.6	756.3	823.1	900.9	1,026.1	1,200.9	1,281.6	1,374.5	1,425.4	1,557.3	1,680.9
Cash on hand and in banks [1]	73.0	80.0	86.8	94.3	103.7	116.1	121.0	126.6	144.1	165.8	161.6
U.S. Government securities	11.3	19.6	26.0	18.7	17.8	15.6	17.3	19.2	22.4	30.6	36.4
Receivables, total [2]	265.5	272.1	292.4	325.0	381.9	456.8	491.2	528.0	511.0	577.8	617.7
Inventories	318.9	314.7	341.4	376.6	428.3	501.7	525.4	560.2	575.2	599.3	658.9
Other current assets	65.9	69.9	76.4	87.3	96.3	110.7	126.7	140.5	172.7	183.7	206.3
Current liabilities	451.8	446.9	487.5	546.8	661.9	809.1	877.2	923.2	977.8	1,043.0	1,149.6
Payables	272.3	261.2	273.2	313.7	375.1	456.3	498.3	520.4	552.8	577.9	627.7
Other current liabilities	179.5	185.7	214.2	233.1	286.8	352.8	378.9	402.9	425.0	465.1	521.9
Net working capital	282.8	309.5	335.6	354.1	366.2	391.8	404.4	451.3	447.6	514.3	531.4
Liquidity ratio [3]	.332	.379	.368	.366	.329	.300	.302	.310	.347	.365	.352
Current ratio [4]	1.626	1.693	1.688	1.648	1.553	1.484	1.461	1.489	1.458	1.493	1.462

[1] Includes time certificates of deposits. [2] Includes U.S. Government receivables. [3] Cash plus U.S. Government securities plus "other current assets," divided by "current liabilities." [4] "Current assets" divided by "current liabilities."

Source: Through 1981, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census. Published quarterly in Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin.*

No. 893. Largest Manufacturing Corporations—Percent Share of Assets Held: 1965 to 1984

[Prior to 1970, excludes newspapers. Data prior to 1974 not strictly comparable with later years]

CORPORATION RANK GROUP	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
100 largest	46.5	48.5	44.7	44.4	45.0	45.4	45.9	45.5	46.1	46.7	46.8	47.7	48.3	48.9
200 largest	56.7	60.4	56.9	56.7	57.5	58.0	58.5	58.3	59.0	59.7	60.0	60.8	60.8	60.7

Source: Through 1981, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census, unpublished data.

No. 894. Largest Manufacturing Companies—Percent Share of Total Value Added by Manufacture: 1954 to 1977

["Largest companies" are those which were largest in each of the specified years in terms of value added. For details, see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series P 177-180]

COMPANY RANK	1954 Census	1958 Census	1962 ASM	1963 Census	1966 ASM	1967 Census	1970 ASM	1972 Census	1976 ASM	1977 Census
Largest 50 companies	23	23	24	25	25	25	24	25	24	24
Largest 100 companies	30	30	32	33	33	33	33	33	34	33
Largest 150 companies	34	35	36	37	38	38	38	39	40	39
Largest 200 companies	37	38	40	41	42	42	43	43	44	44

Source: U.S. Bureau of the Census, *Census of Manufactures* and *Annual Survey of Manufactures (ASM).*

NO. 895. CORPORATION INCOME TAX RETURNS—SELECTED BALANCE SHEET, INCOME STATEMENT, AND TAX ITEMS: 1970 TO 1982

[In billions of dollars, except number of returns. Federal returns and active corporations only. See headnote, table 520. See also *Historical Statistics, Colonial Times to 1970,* series V 129-136]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982
Number of returns, total (1,000)	**1,665**	**2,024**	**2,242**	**2,377**	**2,578**	**2,711**	**2,812**	**2,926**
Number with net income (1,000)	1,008	1,226	1,425	1,524	1,599	1,597	1,597	1,608
Small Business Corporation returns (1,000)	257	358	428	479	519	545	541	564
Assets, total	2,635	4,287	5,926	6,014	6,845	7,617	8,547	9,358
Notes and accounts receivable	615	1,052	1,338	1,589	1,817	1,985	2,240	2,420
Inventories	190	318	396	443	504	535	588	581
Investments in Government obligations	197	316	381	404	421	472	515	606
Net capital assets, except land [1]	553	825	1,002	1,116	1,265	1,419	1,592	1,762
Liabilities, total	1,882	3,189	3,975	4,520	5,125	5,673	6,303	6,888
Accounts payable	149	263	347	404	483	542	620	679
Short-term debt [2]	171	272	320	381	453	505	586	667
Long-term debt [2]	363	587	694	781	886	987	1,058	1,224
Net worth	752	1,097	1,351	1,495	1,720	1,944	2,244	2,470
Receipts, total	1,751	3,199	4,128	4,715	5,616	6,361	7,026	7,024
Business receipts	1,621	2,962	3,814	4,354	5,153	5,732	6,245	6,157
Interest on government obligations	10	17	22	25	30	38	51	(NA)
Other interest	62	126	154	195	259	329	443	[3] 516
Rents and royalties	17	27	39	38	40	54	66	83
Net short-term capital gain less net long-term capital loss	(Z)	(Z)	1	1	1	2	2	3
Net long-term capital gain less net short-term capital loss	5	8	12	15	20	25	29	26
Net gains, sales of noncapital assets	5	8	11	12	15	20	17	21
Dividends received from domestic corporations	5	9	14	13	17	19	17	18
Dividends received from foreign corporations	3	5	8	9	13	15	14	14
Deductions, total	1,683	3,053	3,909	4,467	5,332	6,125	6,814	6,869
Cost of sales and operations	1,146	2,130	2,725	3,113	3,722	4,205	4,509	4,271
Bad debts	6	14	14	16	17	19	22	27
Taxes paid	50	82	104	116	128	163	170	166
Interest paid	62	129	153	192	262	345	477	515
Contributions or gifts	1	1	2	2	2	2	3	3
Depreciation	53	86	107	121	138	157	186	213
Depletion	6	5	6	6	8	9	8	7
Pension, profit-sharing, stock bonus, and annuity plans	12	27	36	42	47	52	53	54
Net loss, sale of noncapital assets	1	2	2	2	4	6	8	10
Net income (less loss)	66	143	219	247	285	239	214	154
Income subject to tax	72	147	213	240	280	247	240	205
Income tax before credits [4]	33	66	96	107	119	104	101	85
Tax credits, total	5	26	40	44	54	42	44	40
Foreign tax credit	5	20	26	26	37	25	22	19
Investment credit	1	6	11	13	15	15	19	17
Income tax after credits [4]	28	39	56	63	65	62	57	45
Additional tax for tax preferences	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1	(Z)
Income tax, total	28	40	57	64	66	63	58	47
Distribution to stockholders, except in own stock	32	45	62	70	87	97	120	132

NA Not available. Z Less than $500 million. [1] Net capital assets, except land, consisted of depreciable, depletable, and intangible assets less accumulated depreciation, depletion and amortization. [2] Short-term debt is the abbreviated title given to mortgages, notes and bonds payable in less than 1 year. Long-term debt is the abbreviated title given to mortgages, notes and bonds payable in 1 year or more. [3] Includes interest on government obligations for the United States. [4] Consists of normal tax, surtax, and alternative tax for tax years 1970 through 1978, and regular tax and alternative tax for tax years 1979–1981. Tax year 1970 includes surcharge of $784 million.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns,* annual.

No. 896. Active Corporations—Income Tax Returns, by Asset Size-Class, 1980 and 1982, and by Industry, 1982

[**In billions of dollars, except as indicated.** Detail may not add to total because of rounding and the exclusion of data to prevent disclosure of individual taxpayer's identity. See headnote and footnotes, table 520. See also *Historical Statistics, Colonial Times to 1970*, series V 167–183 and V 193–196]

Industry and item	Total	Asset size-class					
		Under 10 mil. dol.	10–24.9 mil. dol.	25–49.9 mil. dol.	50–99.9 mil. dol.	100–249.9 mil. dol.	250 mil. dol. and over
1980							
Number of returns (1,000)	2,711	2,675	17	8	5	3	3
Returns with—							
Assets, end of year (1,000)	2,632	2,597	17	8	5	3	3
New income (1,000)	1,597	1,571	13	6	3	2	2
Income tax less credits [1] (1,000)	989	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total receipts [2]	6,361.3	1,990.5	307.4	214.5	246.4	371.0	3,229.5
Business receipts	5,731.6	1,911.5	287.6	192.7	218.9	329.8	2,789.0
Interest [3]	368.9	30.5	11.1	15.4	19.6	29.0	261.4
Total deductions [2]	6,125.4	1,953.0	296.8	205.4	236.0	355.5	3,076.8
Cost of sales and operations	4,204.9	1,364.4	223.4	146.3	167.3	248.7	2,053.5
Interest paid	344.6	49.7	11.1	12.9	16.9	24.7	229.2
Receipts less deductions	235.9	37.5	10.6	9.1	10.4	15.5	152.7
Net income less deficit	239.0	37.2	10.3	8.4	9.8	14.8	158.4
Income tax [4]	105.1	17.3	4.8	3.8	4.1	6.4	68.8
Income tax less credits [1]	63.0	14.4	4.1	3.1	3.2	4.7	33.4
Distributions to stockholders [5]	97.4	8.9	2.3	2.4	3.3	5.7	74.8
1982							
Number of returns (1,000)	2,926	2,887	18	9	5	3	3
Returns with—							
Assets, end of year (1,000)	2,816	2,777	18	9	5	3	3
Net income (1,000)	1,608	1,584	12	5	3	2	2
Income tax less credits [1] (1,000)	970	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total receipts [2]	7,024.1	2,173.0	336.9	248.4	240.0	375.4	3,647.3
Business receipts	6,157.0	2,060.1	314.6	219.4	203.2	327.6	3,031.1
Interest [3]	529.8	48.6	12.9	19.8	26.2	33.8	388.4
Total deductions [2]	6,869.3	2,155.6	331.5	242.9	233.9	367.8	3,537.0
Cost of sales and operations	4,270.9	1,411.5	234.7	159.0	148.5	238.6	2,078.1
Interest paid	515.0	69.6	13.8	17.9	23.2	32.2	358.4
Receipts less deductions	154.8	17.4	7.5	6.0	6.1	7.6	110.3
Net income less deficit	154.3	16.8	7.0	5.3	5.3	6.7	113.2
Income tax [4]	86.8	14.5	4.5	3.5	3.6	5.0	55.7
Income tax less credits [1]	47.1	11.8	3.7	2.7	2.6	3.6	22.7
Distributions to stockholders [5]	132.5	13.1	3.3	3.2	4.0	6.7	102.2
Percent distribution:							
Number of returns	100.0	98.7	.6	.3	.2	.1	.1
Total assets or liabilities	100.0	9.9	3.1	3.4	4.1	6.0	73.5
Total receipts	100.0	30.9	4.8	3.5	3.4	5.3	51.9
Total deductions	100.0	31.4	4.8	3.5	3.4	5.4	51.5
Net income less deficit	100.0	10.9	4.6	3.4	3.4	4.4	73.4
Income tax [4]	100.0	16.7	5.1	4.0	4.1	5.8	64.2
Agriculture, forestry, and fishing:							
Number of returns	91,320	90,978	250	56	24	7	6
Total assets or liabilities	50.4	39.3	3.6	2.0	1.7	1.1	2.8
Total receipts	65.4	49.7	4.2	3.0	2.4	.9	5.1
Mining:							
Number of returns	36,676	35,523	600	267	126	80	79
Total assets or liabilities	192.4	20.7	9.3	9.2	11.0	12.6	129.5
Total receipts	203.1	26.2	6.5	6.4	5.9	6.6	151.5
Construction:							
Number of returns	282,345	280,894	1,013	263	97	55	26
Total assets or liabilities	153.1	88.5	15.1	8.8	6.8	8.7	25.2
Total receipts	281.7	202.9	22.7	13.0	7.2	10.3	25.6
Manufacturing:							
Number of returns	259,106	251,692	4,033	1,439	706	554	657
Total assets or liabilities	2,060.7	157.7	62.6	52.4	50.0	100.3	1,637.7
Total receipts	2,488.3	369.0	108.8	81.1	76.0	128.7	1,723.6
Transportation and public utilities:							
Number of returns	115,470	114,073	637	244	123	109	284
Total assets or liabilities	919.9	37.8	9.8	8.6	8.9	17.2	837.4
Total receipts	632.3	76.8	12.6	10.4	9.3	15.4	507.8
Wholesale and retail trade:							
Number of returns	839,547	834,293	3337	984	446	289	198
Total assets or liabilities	753.4	306.9	49.8	34.3	33.1	54.7	274.6
Total receipts	2,017.7	1,063.2	140.9	86.8	83.6	137.3	505.9
Finance, insurance, real estate:							
Number of returns	461,630	441,084	7,337	5,305	3,769	2,260	1,875
Total assets or liabilities	4,987.5	157.5	120.6	190.5	262.8	347.3	3,908.8
Total receipts	949.9	108.3	23.7	32.2	41.0	60.7	684.0
Services:							
Number of returns	819,706	817,919	1061	367	186	109	64
Total assets or liabilities	237.9	112.9	15.9	13.0	13.5	17.8	64.8
Total receipts	380.8	272.7	19.1	15.0	14.6	15.5	43.9

NA Not available. [1] Credits include foreign tax, investment, work incentive, U.S. possessions tax, job, nonconventional source fuel, alcohol fuel, and, beginning 1982, research credits. [2] Includes items not shown separately. [3] Includes interest on Government obligations and other interest. [4] Income tax is before deductions for foreign tax, U.S. possessions tax, investment, work incentive (WIN) jobs, nonconventional source fuel, alcohol fuel credits and, beginning 1982, research credits. [5] Other than own stock.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

NO. 897. FIXED NONRESIDENTIAL PRIVATE CAPITAL VALUED IN CURRENT AND CONSTANT (1972) DOLLARS: 1970 TO 1984

[**In billions of dollars.** Stocks as of **Dec. 31**; depreciation over entire calendar year. Data refer to privately owned assets and are based on the fixed capital formation components of the gross national product. Excludes residential capital and government enterprises; includes nonprofit institutions. Gross stocks allow for retirement; net stocks allow for retirement and depreciation. Estimates are based on straight-line depreciation and 85 percent of service lives given in *Bulletin F*, Internal Revenue Service. For single-year figures prior to revisions issued in 1981 and data in constant (1958) dollars, see *Historical Statistics of the United States, Colonial Times to 1970*, series F 480–527]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	CURRENT DOLLARS										
All industries: [1]											
Gross stocks	1,363.6	2,470.6	2,670.8	3,003.9	3,414.8	3,920.1	4,467.4	4,964.5	5,296.2	5,521.1	5,799.7
Equipment	645.1	1,157.3	1,277.7	1,433.6	1,626.1	1,858.5	2,130.0	2,398.7	2,569.1	2,702.7	2,843.9
Structures	718.6	1,313.3	1,393.0	1,570.3	1,788.6	2,061.7	2,337.5	2,565.8	2,727.0	2,818.4	2,955.7
Net stocks	807.3	1,440.8	1,542.8	1,726.8	1,960.3	2,248.2	2,550.4	2,822.4	2,986.8	3,085.3	3,237.1
Equipment	368.9	651.4	712.5	797.6	907.3	1,038.8	1,182.9	1,322.9	1,395.5	1,451.4	1,528.5
Structures	438.4	789.4	830.3	929.3	1,053.0	1,209.4	1,367.6	1,499.5	1,591.3	1,633.9	1,708.6
Depreciation	69.8	126.8	139.0	154.4	175.2	201.6	231.5	263.7	288.9	302.6	319.0
Equipment	47.5	84.8	94.7	106.0	119.7	137.0	156.9	179.2	196.8	207.8	219.7
Structures	22.2	42.0	44.4	48.3	55.5	64.6	74.6	84.5	92.1	94.8	99.3
Manufacturing:											
Gross stocks	343.6	577.3	623.0	703.1	797.5	922.4	1,053.1	1,161.6	1,232.5	1,269.6	1,318.6
Equipment	198.1	348.3	386.0	438.7	496.5	577.6	668.5	757.1	805.6	836.1	872.1
Structures	145.5	229.1	237.0	264.4	301.0	344.8	384.6	404.5	425.9	433.4	446.5
Net stocks	191.2	319.3	343.9	387.3	438.2	508.8	579.7	636.4	665.0	672.4	691.6
Equipment	112.3	198.2	219.0	248.8	281.0	328.1	377.7	423.5	440.9	446.3	460.6
Structures	78.9	121.2	124.8	138.5	157.2	180.7	202.1	212.8	224.2	226.0	231.0
Depreciation	18.9	31.6	34.5	38.5	43.2	50.1	58.0	65.7	71.4	74.7	78.1
Equipment	14.0	23.3	26.1	29.5	33.2	38.5	44.8	51.4	56.5	59.2	62.0
Structures	4.9	8.3	8.4	8.9	10.1	11.7	13.3	14.3	14.9	15.5	16.1
Nonfarm nonmfg:											
Gross stocks	927.2	1,728.6	1,866.0	2,094.2	2,375.8	2,721.5	3,101.5	3,464.3	3,710.1	3,888.3	4,110.9
Equipment	394.9	716.4	787.1	877.4	992.5	1,126.4	1,286.0	1,448.2	1,561.4	1,659.8	1,763.0
Structures	532.3	1,012.2	1,078.9	1,216.8	1,383.3	1,595.1	1,815.5	2,016.1	2,148.7	2,228.5	2,347.9
Net stocks	563.1	1,026.4	1,093.9	1,219.9	1,382.0	1,579.3	1,791.7	1,995.5	2,127.5	2,217.9	2,350.5
Equipment	228.3	401.5	434.9	483.1	549.7	624.6	709.2	795.9	850.6	901.3	965.4
Structures	334.7	624.9	658.9	736.8	832.3	954.7	1,082.5	1,199.6	1,276.9	1,316.6	1,385.1
Depreciation	45.7	86.2	94.6	104.7	119.2	136.7	156.7	179.3	197.5	207.5	220.3
Equipment	29.4	54.5	60.6	67.5	76.3	86.9	98.9	112.9	124.4	132.3	141.4
Structures	16.2	31.7	34.0	37.2	42.9	49.8	57.7	66.5	73.2	75.2	78.9
	CONSTANT (1972) DOLLARS										
All industries: [1]											
Gross stocks	1,452.6	1,766.9	1,821.9	1,888.0	1,969.8	2,056.8	2,137.1	2,222.1	2,293.1	2,364.2	2,462.5
Equipment	665.1	850.7	885.4	929.4	985.8	1,045.1	1,096.6	1,149.0	1,188.8	1,233.4	1,299.1
Structures	787.5	916.1	936.5	958.6	984.0	1,011.7	1,040.6	1,073.1	1,104.3	1,130.8	1,163.4
Net stocks	860.1	1,033.7	1,056.9	1,089.5	1,135.3	1,184.8	1,226.1	1,270.5	1,300.4	1,329.4	1,384.6
Equipment	379.7	480.4	495.7	519.2	553.2	588.7	615.4	642.3	656.2	674.3	712.7
Structures	480.3	553.3	561.2	570.3	582.1	595.9	610.8	628.3	644.2	655.1	671.9
Depreciation	76.2	96.1	99.6	103.8	109.2	115.3	121.3	126.9	132.4	137.5	144.2
Equipment	50.8	66.6	69.4	73.0	77.5	82.8	87.8	92.4	96.7	100.8	106.6
Structures	25.4	29.5	30.1	30.8	31.6	32.5	33.5	34.6	35.7	36.7	37.6
Manufacturing:											
Gross stocks	363.6	420.1	433.6	450.8	469.8	494.7	516.6	537.6	551.3	561.2	576.8
Equipment	204.4	253.0	265.4	281.0	297.8	319.7	338.9	356.9	367.8	377.4	392.3
Structures	159.1	167.1	168.2	169.7	172.0	175.0	177.7	180.7	183.6	183.8	184.5
Net stocks	202.2	232.7	239.7	249.2	259.5	275.1	287.0	297.2	300.3	300.1	306.0
Equipment	115.8	144.3	151.1	160.3	169.7	183.3	193.6	202.1	203.7	204.3	210.5
Structures	86.3	88.4	88.6	88.9	89.9	91.7	93.4	95.1	96.6	95.9	95.5
Depreciation	20.4	24.0	25.0	26.2	27.6	29.4	31.3	33.0	34.5	35.6	36.9
Equipment	14.8	18.0	19.0	20.1	21.5	23.1	25.0	26.6	28.0	29.0	30.3
Structures	5.6	6.0	6.0	6.1	6.1	6.2	6.3	6.5	6.6	6.6	6.6
Nonfarm nonmfg:											
Gross stocks	988.7	1,228.5	1,265.1	1,309.0	1,365.9	1,422.7	1,478.0	1,539.9	1,597.4	1,659.0	1,742.6
Equipment	405.0	532.0	551.6	577.3	613.6	647.8	678.7	712.5	742.3	778.4	830.4
Structures	583.7	696.5	713.5	731.7	752.4	774.9	799.4	827.4	855.0	880.6	912.2
Net stocks	600.7	732.6	745.8	765.8	797.8	828.6	857.4	891.6	920.3	951.4	1,002.6
Equipment	233.8	299.4	306.2	319.1	341.8	361.9	378.4	397.3	411.6	430.9	464.4
Structures	366.9	433.2	439.6	446.7	456.0	466.6	479.0	494.3	508.7	520.5	538.2
Depreciation	50.1	65.4	67.7	70.4	74.0	78.1	81.9	85.7	89.7	93.9	99.4
Equipment	31.5	43.3	45.0	47.1	50.1	53.4	56.4	59.3	62.4	65.6	70.2
Structures	18.5	22.1	22.7	23.3	23.9	24.6	25.4	26.4	27.4	28.3	29.2

[1] Includes farm, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925–79, Survey of Current Business*, February 1981, October 1982, August 1983, August 1984, and unpublished data.

No. 898. Fixed Nonresidential Business Capital—Average Age of Gross Stocks, Using Constant (1972) Cost Valuation: 1970 to 1984

[**Age in years.** As of **Dec. 31.** See headnote, table 897, and *Historical Statistics, Colonial Times to 1970*, series F 516-527]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
All industries: Gross stocks	10.3	10.1	10.1	10.1	10.1	10.0	10.0	10.0	10.0	10.1	10.1
Equipment	6.5	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.4	6.3
Structures	13.5	13.5	13.7	13.8	13.9	14.0	14.0	14.1	14.1	14.3	14.3
Manufacturing: Gross stocks	9.8	9.6	9.5	9.5	9.4	9.2	9.1	9.0	9.1	9.2	9.2
Equipment	6.6	6.6	6.6	6.5	6.5	6.4	6.4	6.4	6.6	6.7	6.8
Structures	14.0	14.2	14.3	14.3	14.3	14.2	14.2	14.1	14.1	14.2	14.4
Nonfarm nonmfg.: Gross stocks	10.4	10.2	10.3	10.4	10.3	10.3	10.3	10.3	10.3	10.4	10.2
Equipment	6.4	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.1	6.0
Structures	13.2	13.2	13.4	13.6	13.7	13.8	13.9	13.9	14.0	14.1	14.1
Farm: Gross stocks	10.5	10.4	10.3	10.3	10.2	10.2	10.4	10.6	11.0	11.4	11.7
Equipment	6.7	6.4	6.4	6.4	6.3	6.3	6.5	6.7	7.0	7.2	7.4
Structures	15.2	15.3	15.3	15.2	15.1	15.2	15.3	15.5	15.8	16.2	16.6

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925-79*, and *Survey of Current Business*, August 1984 and unpublished data.

No. 899. Gross Private Domestic Investment: 1965 to 1984

[**In billions of dollars**]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
CURRENT DOLLARS												
Gross private domestic investment	113.5	144.2	206.1	257.9	324.1	386.6	423.0	401.9	484.2	414.9	471.6	637.8
Fixed investment	103.7	141.0	213.0	246.0	301.0	360.1	408.8	411.7	458.1	441.0	485.1	579.6
Nonresidential	72.7	103.9	157.7	174.1	205.2	248.9	290.2	308.8	353.9	349.6	352.9	425.7
Structures	27.0	38.7	55.4	58.8	64.4	78.7	98.3	110.9	135.3	142.1	129.7	150.4
Producers' durable equipment	45.8	65.2	102.3	115.3	140.8	170.2	191.9	197.9	218.6	207.5	223.2	275.3
Residential	30.9	37.1	55.3	72.0	95.8	111.2	118.6	102.9	104.3	91.4	132.2	153.9
Less: Capital consumption allowances [1]	56.0	88.1	159.3	175.0	195.2	222.5	256.0	293.2	330.3	358.8	377.1	403.3
Equals: Net private domestic investment	57.5	56.2	46.8	82.8	128.9	164.1	167.0	108.7	153.9	56.0	94.5	234.5
CONSTANT (1972) DOLLARS												
Gross private domestic investment	151.9	158.5	154.8	184.5	214.2	236.7	236.3	208.5	230.9	194.3	221.0	289.9
Fixed investment	140.1	154.8	161.5	176.7	200.9	220.7	229.1	212.9	219.6	204.7	224.6	265.1
Nonresidential	97.4	113.8	119.3	125.6	140.3	158.3	169.9	165.8	175.0	166.9	171.0	204.9
Structures	40.6	43.9	38.3	39.5	40.4	44.6	49.1	48.8	53.2	53.3	49.2	56.9
Producers' durable equipment	56.8	69.9	81.1	86.1	99.9	113.7	120.8	117.0	121.8	113.5	121.8	148.0
Residential	42.7	41.0	42.2	51.2	60.7	62.4	59.1	47.1	44.5	37.9	53.7	60.2
Less: Capital consumption allowances [1]	74.8	96.1	120.8	125.1	129.9	135.8	143.0	149.8	156.3	161.9	168.1	175.2
Equals: Net private domestic investment	77.2	62.4	34.0	59.4	84.3	100.9	93.3	58.7	74.5	32.4	52.9	114.7

[1] With capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July issues.

No. 900. Capital Stock Per Hour Worked: 1980 to 1983

[**In 1972 dollars.** Represents the "capital/labor ratio"]

1972 industry code	INDUSTRY	1980	1981	1982	1983	1972 industry code	INDUSTRY	1980	1981	1982	1983
49	Public utilities	161.04	162.44	165.74	170.83	20	Food	14.19	14.69	15.13	15.19
29	Petroleum	94.55	89.27	96.45	103.06	34	Fabricated metals	11.56	12.13	13.62	13.71
10-14	Mining	59.36	55.90	58.61	66.78	22	Textiles	11.38	12.08	13.70	12.98
48	Communications	52.64	54.31	56.07	61.54	30	Rubber and plastics	11.52	11.52	12.26	11.60
33	Primary metals	38.08	39.39	49.80	52.25	24	Lumber and wood	10.15	10.79	11.97	10.45
21	Tobacco	36.68	38.22	41.57	46.00	36	Electric machinery	10.51	11.08	11.83	12.02
28	Chemicals	32.27	33.29	35.01	36.01	38	Instruments	8.93	9.31	9.77	10.30
41-47	Transportation	29.55	29.87	31.88	32.15	27	Printing and publishing	8.33	8.63	8.81	8.84
26	Paper	27.64	28.60	30.60	31.00	50-59	Wholesale, retail trade	8.70	8.94	9.19	9.42
32	Stone, clay, glass	19.79	21.19	23.66	22.91	25	Furniture and fixtures	6.45	6.49	6.90	6.30
70-89	Services	23.27	23.40	23.44	23.00	31	Leather	4.27	4.37	4.55	4.86
37	Transmission equipment	17.18	17.99	20.52	19.88	15-17	Construction	3.90	4.14	4.44	4.30
35	Nonelectric mach	14.19	14.94	17.07	18.54	23	Apparel	3.68	3.81	4.10	3.99
60-64	Finance and insurance	15.08	16.27	17.77	19.52						

Source: The Conference Board, New York, NY, *Economic Road Maps*, monthly. (Copyright.)

No. 901. Business Expenditures for New Plant and Equipment: 1970 to 1985

[**In billions of dollars.** Based on sample and subject to sampling variability; see text, p. 516. The figures cover expenditures both for new facilities and for expansion or replacement of existing facilities that are chargeable to fixed asset accounts and for which depreciation or amortization accounts are ordinarily maintained. They exclude expenditures for land and mineral rights; maintenance and repair; used plant and equipment, including that purchased or acquired through mergers or acquisitions; assets located in foreign countries; residential structures; and a few other items. They also differ from the nonresidential fixed investment data in type of detail, data sources, coverage, and timing. For further information, see the February 1985 *Survey of Current Business*]

INDUSTRY	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985 [1]
CURRENT DOLLARS											
All industries [2]	**91.9**	**142.4**	**184.8**	**217.8**	**255.0**	**282.8**	**315.2**	**309.6**	**304.8**	**353.5**	**384.4**
Manufacturing	37.0	53.7	67.5	78.6	95.9	112.3	126.5	120.7	116.2	138.4	153.6
Durable goods [3]	19.8	25.4	32.8	39.5	48.5	55.4	59.8	55.4	53.1	66.0	75.0
Primary metals	3.2	5.4	5.0	5.1	6.1	6.8	7.4	6.9	6.0	7.1	7.9
Fabricated metals	1.2	2.0	2.5	2.9	3.2	3.3	3.6	3.1	2.8	3.4	3.6
Electrical machinery	3.5	3.1	4.6	5.9	7.5	9.8	10.6	11.0	11.4	14.5	16.5
Machinery, except electrical	3.8	4.9	6.4	7.4	10.2	11.4	13.7	13.4	13.5	15.4	16.4
Transportation equipment [3]	4.6	5.5	8.3	10.8	13.0	15.0	15.4	12.6	11.3	16.1	20.3
Motor vehicles	3.0	3.3	5.8	7.2	8.3	9.0	9.8	7.8	7.3	11.1	15.4
Aircraft	.9	1.2	1.1	1.8	2.7	3.6	3.4	3.4	2.9	3.6	3.6
Stone, clay, and glass	1.1	1.7	2.3	3.2	4.0	4.0	3.4	2.9	2.8	3.1	3.1
Nondurable goods [3]	17.2	28.3	34.7	39.1	47.4	57.0	66.7	65.3	63.1	72.4	78.6
Food and beverage	3.3	4.4	5.7	6.5	7.3	8.2	9.5	8.7	7.8	8.8	10.3
Paper	1.7	2.9	3.5	3.8	5.2	6.5	6.1	5.6	5.9	7.1	7.8
Chemicals	3.4	7.1	7.4	7.8	9.8	11.6	13.1	12.7	13.0	15.3	17.3
Petroleum	5.2	9.1	11.8	13.2	15.2	19.6	26.0	26.4	23.1	25.5	26.1
Rubber	.9	1.2	1.8	2.3	2.5	2.0	2.2	2.2	2.5	3.1	3.4
Nonmanufacturing [2]	54.9	88.8	117.3	139.2	159.0	170.5	188.7	189.8	188.6	215.2	230.8
Mining	2.0	6.1	9.8	11.2	12.8	16.0	21.4	20.0	15.2	16.9	16.5
Public utilities	13.0	20.2	27.8	31.5	35.6	37.7	41.2	45.4	45.0	47.4	48.4
Transportation	7.2	9.9	12.2	13.4	16.0	16.6	15.8	14.8	14.0	16.5	17.5
Commercial and other	32.7	52.5	67.5	83.1	94.6	100.1	110.2	109.6	114.5	134.4	148.3
Wholesale and retail trade	8.8	14.8	20.8	25.4	28.7	28.4	30.2	30.4	37.0	44.9	(NA)
Finance and insurance	3.9	10.0	10.1	13.3	17.5	21.2	26.0	27.2	28.4	33.8	(NA)
Personal and business serv. [4]	9.6	14.8	20.3	24.9	25.8	25.6	27.2	25.9	25.0	28.7	(NA)
Communication	10.4	12.9	16.3	19.4	22.5	24.9	26.9	26.1	24.0	27.0	(NA)
Addenda: [5]											
Total nonfarm business [6]	106.1	162.6	208.1	245.3	284.9	314.5	349.3	347.5	343.3	398.1	433.1
Manufacturing	37.0	53.7	67.5	78.6	95.9	112.3	126.5	120.7	116.2	138.4	153.6
Nonmanufacturing	69.2	108.9	140.7	166.8	189.0	202.1	222.7	226.8	227.1	259.7	279.4
Surveyed quarterly	54.9	88.8	117.3	139.2	159.0	170.5	188.7	189.9	188.6	215.2	230.8
Surveyed annually [7]	14.2	20.2	23.3	27.6	30.0	31.7	34.0	36.9	38.6	44.6	48.7
CONSTANT (1972) DOLLARS [8]											
All industries [2]	**100.3**	**107.9**	**126.0**	**138.4**	**149.2**	**152.2**	**155.7**	**147.5**	**146.4**	**168.2**	**180.5**
Manufacturing	40.1	40.0	45.1	48.4	54.1	57.8	59.1	54.2	53.7	64.0	70.7
Durable goods [3]	21.4	19.4	22.7	25.4	28.7	30.3	30.7	27.9	27.0	33.1	37.1
Primary metals	3.5	4.1	3.4	3.2	3.5	3.6	3.6	3.2	2.8	3.3	(NA)
Fabricated metals	1.3	1.5	1.7	1.9	1.9	1.8	1.8	1.5	1.4	1.7	(NA)
Electrical machinery	3.8	2.4	3.3	4.0	4.8	5.8	5.9	6.0	6.2	7.7	(NA)
Machinery, except electrical	4.1	3.8	4.5	4.9	6.1	6.4	7.3	7.0	7.2	8.0	(NA)
Transportation equipment [3]	5.0	4.1	5.6	6.8	7.5	7.8	7.4	5.9	5.5	7.7	(NA)
Motor vehicles	3.3	2.5	4.0	4.6	4.8	4.8	4.9	3.8	3.6	5.3	(NA)
Aircraft	1.0	.9	.8	1.1	1.6	1.9	1.6	1.6	1.4	1.8	(NA)
Stone, clay, and glass	1.1	1.3	1.6	2.0	2.3	2.1	1.7	1.4	1.3	1.4	(NA)
Nondurable goods [3]	18.7	20.6	22.4	23.0	25.4	27.5	28.4	26.3	26.6	30.9	33.6
Food and beverage	3.6	3.3	4.0	4.2	4.2	4.4	4.8	4.3	3.8	4.2	(NA)
Paper	1.9	2.2	2.4	2.4	3.1	3.5	3.1	2.7	2.9	3.4	(NA)
Chemicals	3.7	5.4	5.0	4.9	5.7	6.2	6.4	6.0	6.2	7.3	(NA)
Petroleum	5.7	6.0	6.6	6.4	6.5	7.2	7.8	7.2	7.0	8.1	(NA)
Rubber	1.0	.9	1.2	1.5	1.4	1.1	1.1	1.1	1.2	1.5	(NA)
Nonmanufacturing [2]	60.3	68.0	81.0	90.0	95.1	94.4	96.6	93.3	92.7	104.2	109.8
Mining	2.2	4.1	5.5	5.5	5.5	5.7	6.2	5.2	4.4	5.1	5.1
Public utilities	14.5	14.4	17.5	18.6	19.3	18.9	18.9	19.8	19.2	19.9	20.0
Transportation	7.8	7.5	8.2	8.3	9.0	8.4	7.6	6.9	6.4	7.4	7.6
Commercial and other	35.9	42.0	49.7	57.7	61.4	61.3	64.0	61.4	62.7	71.8	77.2
Wholesale and retail trade	9.5	11.6	15.1	17.0	17.4	16.0	16.2	16.0	19.2	22.4	(NA)
Finance and insurance	4.2	8.3	8.0	9.9	12.2	14.0	16.5	16.8	17.6	20.7	(NA)
Personal and business serv. [4]	10.4	11.4	14.3	16.3	15.7	14.3	14.2	13.2	12.6	14.1	(NA)
Communication	11.8	10.7	12.4	14.5	16.0	17.1	17.1	15.3	13.4	14.7	(NA)
Addenda: [5]											
Total nonfarm business [6]	115.7	124.2	143.4	157.9	168.7	171.3	175.3	168.2	167.7	192.6	206.9
Manufacturing	40.1	40.0	45.1	48.4	54.1	57.8	59.1	54.2	53.7	64.0	70.7
Nonmanufacturing	75.6	84.2	98.4	109.4	114.6	113.5	116.2	114.0	114.1	128.6	136.2
Surveyed quarterly	60.3	68.0	81.0	90.0	95.1	94.4	96.6	93.2	92.7	104.2	109.8
Surveyed annually [7]	15.3	16.2	17.4	19.4	19.5	19.1	19.6	20.7	21.4	24.4	26.5

NA Not available.
[1] Estimates based on planned capital expenditures as reported by business in January through March 1985.
[2] Surveyed quarterly.
[3] Includes industries not shown separately.
[4] Includes construction.
[5] Quarterly estimates for selected nonmanufacturing industries were discontinued effective with the April-May 1984 survey. Annual estimates for these industries are based on capital expenditures reported by business in January through March each year.
[6] "All industries" plus the part of nonmanufacturing that is surveyed annually.
[7] Consists of real estate; professional services; membership organizations and social services; and forestry, fishery, and agricultural services.
[8] Procedures for preparing constant-dollar estimates are described in the February 1985 *Survey of Current Business*. To estimate real spending plans, BEA adjusts the survey results for assumed price changes.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly.

No. 902. Composite Indexes of Economic Cyclical Indicators: 1975 to 1984

[1984 figures are preliminary. See source for discussion of composite indexes. Minus sign (–) indicates decrease]

ITEM	Unit	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
LEADING INDICATORS											
Composite index	1967=100	115.7	130.9	139.4	145.8	145.1	138.2	140.9	136.8	156.0	165.8
Net business formation	1967=100	107.0	115.6	123.2	128.2	128.3	122.4	118.6	113.2	114.8	117.1
Building permits [1]	1967=100	80.9	111.8	144.9	145.4	123.6	96.7	80.0	80.7	129.4	133.3
Common stock prices, index [2]	1941–43=10	86.2	102.0	98.2	96.0	103.0	118.8	128.0	119.7	160.4	160.5
Initial claims, unemployment insurance	1,000	468	381	368	338	379	480	446	578	426	366
Change in sensitive prices [3] [4]	Percent	–.3	1.1	.4	1.3	.9	–	–.6	–.7	1.0	–.2
Change in credit outstanding [5]	Percent	3.5	10.1	15.2	14.6	13.4	5.0	7.0	1.6	5.7	15.2
Vendor performance, slower deliveries	Percent	30	54	55	64	63	40	45	37	54	61
Average workweek, manufacturing [6]	Hours	39.5	40.1	40.3	40.4	40.2	39.7	39.8	38.9	40.1	40.7
Change in inventories (1972 dol.) [4] [7]	Bil. dol.	–18	8	13	20	9	–8	1	–16	2	21
Plant and equipment contracts and orders (1972 dol.)	Bil. dol.	117	132	146	172	185	170	168	148	161	185
New orders, manufacturing, consumer goods and materials (1972 dol.)	Bil. dol.	342	391	433	458	450	400	399	352	409	448
Money supply (M2) [8] (1972 dol.)	Bil. dol.	753	805	852	859	836	796	789	813	886	917
COINCIDENT INDICATORS											
Composite index	1967=100	116.2	124.8	133.6	144.0	150.2	144.8	146.0	136.3	139.9	154.4
Industrial production index	1967=100	117.8	130.5	138.2	146.1	152.5	147.1	151.0	138.6	147.6	163.3
Employees, nonagricultural payrolls	Million	76.9	79.4	82.5	86.7	89.8	90.4	91.2	89.6	90.2	94.5
Personal income less transfer payments (1972 dol.)	Bil. dol.	867	909	956	1,012	1,047	1,044	1,075	1,072	1,095	1,177
Sales, mfg. and trade (1972 dol.)	Bil. dol.	1,569	1,682	1,798	1,902	1,945	1,899	1,915	1,829	1,940	2,113
LAGGING INDICATORS											
Composite index	1967=100	110.9	103.5	106.4	114.0	122.6	124.6	122.4	123.0	111.7	117.4
Labor cost per unit of output, mfg. [9]	Percent	104.6	100.0	100.2	99.5	98.1	100.8	98.7	102.6	95.4	90.1
Ratio, consumer installment credit to personal income	Percent	13.0	12.9	13.6	14.4	14.9	14.0	12.6	12.4	12.7	13.9
Average prime rate charged by banks	Percent	7.9	6.8	6.8	9.1	12.7	15.3	18.9	14.9	10.8	12.0
Average duration of unemployment	Weeks	14.2	15.8	14.3	11.9	10.8	11.9	13.7	15.6	20.0	18.2
Ratio inventories to sales, mfg. and trade (1972 dol.)	Ratio	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.5
Commercial and industrial loans outstanding (1972 dol.) [10]	Bil. dol.	90	80	79	82	87	89	93	107	104	115

– Represents zero. [1] New private housing units authorized. [2] Standard and Poor, 500 stocks. [3] Producer price index of selected crude and intermediate materials and spot market price index of raw industrial materials. [4] Weighted 4-term moving average placed at the terminal month of the span. [5] Business and consumer borrowing. [6] Production workers. [7] Net changes in book value. [8] See table 850. [9] Actual data as percent of trend. [10] Includes commercial paper issued by nonfinancial companies.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, monthly.

No. 903. International Economic Composite Indexes—Average Annual Percent Change: 1960 to 1984

[Average annual percent changes derived from indexes with base 1980=100. Minus sign (–) indicates decrease]

YEARS	4 European countries	8 countries [1] excluding U.S.	9 countries [1]	United States	Canada	France	Italy	United Kingdom	West Germany	Japan	Australia
Leading index:											
1960–1965	3.0	3.1	4.2	5.6	5.5	5.0	2.9	1.1	3.7	2.5	4.0
1965–1970	3.3	4.7	3.2	1.4	2.5	5.7	3.7	.7	3.8	9.2	5.5
1970–1975	1.7	2.0	2.3	2.6	4.5	2.7	2.9	.9	1.3	1.9	1.9
1975–1980	4.4	5.8	5.0	3.8	4.7	5.6	4.5	1.8	5.3	9.2	5.8
1974–1975	–3.7	–6.3	–4.6	–2.2	–2.5	–7.4	–4.0	–3.3	–.5	–14.1	–1.7
1975–1976	7.8	9.4	10.3	11.8	4.3	9.9	6.1	4.6	9.3	14.9	7.9
1976–1977	2.2	2.1	3.8	6.0	2.8	.8	.2	4.2	2.8	1.5	.5
1977–1978	4.3	5.5	5.3	5.2	6.5	5.1	3.2	1.6	6.2	7.8	6.4
1978–1979	6.4	9.3	5.6	.8	8.5	8.9	6.8	1.8	7.6	16.3	9.5
1979–1980	1.4	3.0	–	–4.0	1.6	3.7	6.5	–3.0	.7	6.0	4.2
1980–1981	1.5	–	1.4	3.4	1.3	3.3	3.8	.7	–.5	–3.6	1.1
1981–1982	2.1	.8	–1.9	–5.6	–9.3	2.9	.8	2.3	1.9	.8	–4.6
1982–1983	5.0	5.2	8.3	13.1	13.7	5.4	2.3	3.5	7.1	3.3	7.5
1983–1984	5.4	7.2	7.8	8.9	6.4	8.0	5.0	2.3	5.9	10.5	9.6
Coincident index:											
1960–1965	5.7	7.3	6.4	5.3	5.8	8.7	3.7	3.8	6.6	15.6	6.3
1965–1970	4.4	6.5	5.4	4.0	4.4	5.9	5.9	1.3	5.3	13.3	7.8
1970–1975	2.1	3.1	2.5	1.7	5.3	3.8	2.4	1.2	1.4	4.5	4.3
1975–1980	2.9	3.5	3.9	4.5	3.2	3.4	3.6	.9	3.8	4.7	1.9
1974–1975	–3.8	–2.9	–4.4	–6.5	.6	–4.9	–5.0	–3.9	–2.4	–1.7	–3.4
1975–1976	2.9	3.3	4.8	7.2	4.8	5.0	3.9	–.8	3.6	4.0	1.6
1976–1977	2.6	3.1	4.6	6.9	1.7	3.7	2.0	1.0	3.3	4.8	–1.4
1977–1978	3.5	3.8	5.4	7.6	3.2	2.8	2.5	4.5	4.0	4.6	1.3
1978–1979	4.2	4.8	4.4	3.9	4.5	3.4	4.7	3.8	5.2	5.8	3.2
1979–1980	1.5	2.5	.3	–2.7	1.7	2.0	5.0	–3.6	3.2	4.3	4.7
1980–1981	–2.6	–.1	.5	1.4	3.0	–1.8	–1.7	–7.2	–.4	3.2	5.6
1981–1982	–.7	–.1	–2.5	–5.9	–5.8	1.4	–.7	–1.3	–2.1	2.6	–2.1
1982–1983	–.2	.5	1.6	3.4	1.6	.5	–1.7	.3	–.3	2.1	–7.0
1983–1984	1.6	3.2	5.9	10.1	4.5	–.5	2.7	1.3	2.9	5.0	8.2

– Represents zero. [1] Includes China: Taiwan.

Source: Center for International Business Cycle Research, Columbia Business School, New York, NY, *International Economic Indicators*, monthly.

NO. 904. BUSINESS CYCLE EXPANSIONS AND CONTRACTIONS—MONTHS OF DURATION: 1919 TO 1984

[The lower turning point of a cycle is considered a trough, the upper turning point a peak. Business cycle reference dates are determined by the National Bureau of Economic Research, Inc.]

BUSINESS CYCLE REFERENCE DATE		Contraction (trough from previous peak)	Expansion (trough to peak)	LENGTH OF CYCLE	
Trough	Peak			Trough from previous trough	Peak from previous peak
March 1919	January 1920	7	10	51	17
July 1921	May 1923	18	22	28	40
July 1924	October 1926	14	27	36	41
November 1927	August 1929	13	21	40	34
March 1933	May 1937	43	50	64	93
June 1938	February 1945	13	80	63	93
October 1945	November 1948	8	37	88	45
October 1949	July 1953	11	45	48	56
May 1954	August 1957	10	39	55	49
April 1958	April 1960	8	24	47	32
February 1961	December 1969	10	106	34	116
November 1970	November 1973	11	36	117	47
March 1975	January 1980	16	58	52	74
July 1980	July 1981	6	12	*64*	*18*
November 1982	(x)	16	(x)	28	(x)
Average, all cycles:					
1919–1945 (6 cycles)		18	35	53	53
1945–1982 (8 cycles)		11	45	56	55
Average, peacetime cycles:					
1919–1945 (5 cycles)		20	26	46	45
1945–1982 (6 cycles)		11	34	46	44

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, January 1985.

NO. 905. MANUFACTURING AND TRADE—SALES AND INVENTORIES IN CURRENT AND CONSTANT (1972) DOLLARS: 1970 TO 1984

[In billions of dollars, except ratios. See *Historical Statistics, Colonial Times to 1970*, series V 78–107, for single year figures prior to revisions issued in 1981]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
CURRENT DOLLARS												
Sales, average monthly	**108**	**178**	**182**	**204**	**230**	**261**	**298**	**328**	**357**	**345**	**369**	**412**
Manufacturing	53	85	87	99	113	127	144	154	168	159	170	190
Retail trade	31	45	49	55	60	67	75	80	87	89	98	108
Merchant wholesalers	24	48	47	51	56	66	79	93	101	95	100	114
Inventories [1]	**178**	**286**	**289**	**319**	**351**	**400**	**451**	**494**	**528**	**509**	**520**	**573**
Manufacturing	102	158	160	175	189	211	241	264	283	265	261	286
Retail trade	44	71	72	79	89	103	111	116	127	126	139	155
Merchant wholesalers	32	57	57	64	73	86	99	114	118	118	120	132
Inventory-sales ratio [2]	**1.62**	**1.45**	**1.57**	**1.48**	**1.46**	**1.44**	**1.43**	**1.45**	**1.43**	**1.50**	**1.38**	**1.34**
Manufacturing	1.90	1.65	1.84	1.69	1.61	1.57	1.57	1.66	1.64	1.73	1.52	1.46
Retail trade	1.41	1.48	1.44	1.38	1.39	1.43	1.44	1.41	1.39	1.39	1.35	1.38
Merchant wholesalers	1.29	1.07	1.21	1.19	1.21	1.20	1.18	1.14	1.13	1.23	1.17	1.12
CONSTANT (1972) DOLLARS												
Sales, average monthly	**116**	**141**	**132**	**142**	**152**	**160**	**164**	**160**	**161**	**154**	**164**	**178**
Manufacturing	56	67	62	67	72	76	78	74	75	70	75	81
Retail trade	34	40	40	43	45	47	48	46	47	46	50	54
Merchant wholesalers	26	34	31	32	34	37	38	39	39	37	39	43
Inventories	**194**	**233**	**225**	**235**	**246**	**260**	**264**	**264**	**269**	**259**	**259**	**279**
Manufacturing	113	131	127	131	134	140	145	146	148	139	136	145
Retail trade	46	58	56	59	63	67	66	63	66	64	68	74
Merchant wholesalers	35	44	42	45	*49*	*53*	*53*	*55*	*56*	*55*	*55*	*60*
Inventory-sales ratios [3]	**1.70**	**1.73**	**1.67**	**1.63**	**1.59**	**1.58**	**1.62**	**1.63**	**1.71**	**1.71**	**1.52**	**1.55**
Manufacturing	2.07	2.04	2.04	1.91	1.82	1.79	1.89	1.93	2.04	2.05	1.73	1.77
Retail trade	1.37	1.57	1.36	1.36	1.39	1.41	1.39	1.37	1.43	1.37	1.32	1.36
Merchant wholesalers	1.35	1.37	1.36	1.39	1.39	1.38	1.38	1.37	1.44	1.50	1.34	1.37

[1] Book value; seasonally adjusted end-of-year data. See text, page 516. [2] Average inventories to average sales. Average inventories based on weighted averages of end-of-month figures. [3] End of fourth quarter inventories to average month sales for fourth quarter.

Source: Current dollars from U.S. Bureau of the Census, *Current Business Reports*, "Manufacturing and Trade Inventories and Sales" March 1984 and unpublished data; constant dollars from U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–1976; Survey of Current Business*, July 1982, and September issues and unpublished data.

No. 906. Manufacturing Corporations, Assets, and Profits, by Asset Size: 1970 to 1984

[Corporations and assets as of **end of 4th quarter**; profit for **entire year.** Through 1979, corporations under $10 million based on sample; $10 million and over based on complete canvass, thereafter, under $25 million based on sample and $25 million and over based on compete canvass. For details regarding methodology, see source for fourth quarter, 1981]

Year and item	Unit	Total	Asset-size class						
			Under $10 mil.	$10–$25 mil.	$25–$50 mil.	$50–$100 mil.	$100–$250 mil.	$250 mil.–$1 bil.	$1 bil. and over
1970: [1] Corporations	Number	197,807	[2] 195,000	1,202	533	366	289	218	102
Assets, total	Mil. dol	578,234	69,101	20,471	20,138	25,946	47,783	112,475	282,320
Net profit, total [3]	Mil. dol	28,572	2,812	811	836	1,101	2,315	5,862	14,832
1973: Corporations	Number	(NA)	(NA)	1,462	597	402	327	246	124
Assets, total	Mil. dol	742,266	89,305	26,902	23,373	30,223	53,075	126,635	392,753
Net profit, total [3]	Mil. dol	48,058	6,634	1,731	1,360	1,844	3,142	8,063	25,284
1974: Corporations	Number	(NA)	(NA)	1,699	708	434	383	284	137
Assets, total	Mil. dol	768,954	97,858	28,908	24,734	30,690	60,262	171,821	384,681
Net profit, total [3]	Mil. dol	58,747	7,717	1,896	1,385	2,126	3,700	9,661	32,260
1975: Corporations	Number	(NA)	(NA)	1,750	705	450	392	276	151
Assets, total	Mil. dol	810,910	98,147	31,307	24,720	31,395	62,524	139,113	423,705
Net profit, total [3]	Mil. dol	49,135	6,212	1,831	1,327	1,676	3,553	8,165	26,370
1976: Corporations	Number	(NA)	(NA)	1,705	757	472	400	301	162
Assets, total	Mil. dol	883,860	98,355	32,244	26,538	32,970	62,633	149,412	481,709
Net profit, total [3]	Mil. dol	64,519	7,799	2,238	1,714	2,070	3,945	10,422	36,330
1977: Corporations	Number	(NA)	(NA)	1,793	809	501	409	327	174
Assets, total	Mil. dol	962,996	102,241	35,603	28,595	35,032	63,590	160,107	537,830
Net profit, total [3]	Mil. dol	70,366	8,683	2,189	1,867	2,252	4,401	11,206	39,769
1978: Corporations	Number	(NA)	(NA)	1,780	802	518	408	320	181
Assets, total	Mil. dol	1,086,433	114,006	38,358	30,813	37,429	66,907	164,958	633,963
Net profit, total [3]	Mil. dol	81,185	9,417	2,487	2,264	2,602	4,712	12,311	47,391
1979: Corporations	Number	(NA)	(NA)	1,918	979	571	470	341	225
Assets, total	Mil. dol	1,242,985	124,853	42,007	34,082	40,336	73,172	169,599	758,937
Net profit, total [3]	Mil. dol	98,698	10,119	2,720	2,347	2,898	5,347	13,412	61,854
1980: Corporations	Number	(NA)	(NA)	1,777	941	590	491	369	244
Assets, total	Mil. dol	1,384,474	126,639	43,569	34,930	41,963	75,284	179,959	882,129
Net profit, total [3]	Mil. dol	92,443	7,770	2,235	1,904	2,479	4,532	11,485	62,041
1981: Corporations	Number	(NA)	(NA)	(NA)	845	603	520	376	259
Assets, total	Mil. dol	1,560,353	136,915	57,453	39,756	43,924	82,287	188,913	1,011,105
Net profit, total [3]	Mil. dol	101,302	8,863	3,077	1,944	2,415	4,560	10,087	70,354
1982: Corporations	Number	(NA)	(NA)	(NA)	820	642	510	378	275
Assets, total	Mil. dol	1,614,018	141,363	55,327	38,333	48,013	78,766	180,047	1,072,169
Net profit, total [3]	Mil. dol	71,028	5,193	2,278	1,196	1,421	2,643	6,892	51,405
1983: Corporations	Number	(NA)	(NA)	872	663	683	559	403	275
Assets, total	Mil. dol	1,704,951	149,791	54,506	41,766	52,673	87,391	194,212	1,124,612
Net profit, total [3]	Mil. dol	85,834	7,438	2,893	2,149	2,466	3,861	6,134	60,893
1984: Corporations	Number	(NA)	(NA)	799	872	703	601	420	287
Assets total	Mil. dol	1,853,455	156,671	59,549	49,419	53,517	94,315	206,698	1,233,288
Percent	Percent	100.0	8.5	3.2	2.7	2.9	5.1	11.1	66.5
Net profit, total [3]	Mil. dol	107,648	10,037	3,417	2,527	2,877	4,864	9,278	74,648
Percent	Percent	100.0	9.3	3.2	2.4	2.7	4.5	8.6	69.3

NA Not available. [1] Source: U.S. Securities and Exchange Commission. [2] Data derived from U.S. Internal Revenue Service, *Statistics of Income*, annual. [3] After taxes.

Source: Except as noted, through 1981, U.S. Federal Trade Commission; thereafter, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

No. 907. Largest Industrial Corporations—Sales, Assets, Net Income, and Employees, by Sales Group Rank: 1982 to 1984

[**Sales, assets, and net income in billions of dollars; employees in thousands, except percent.** Excludes large privately owned companies that do not publish sales. Includes service and rental revenues, but companies must derive more than 50 percent of revenues from manufacturing or mining for years ending not later than **Dec. 31** of **year stated,** sales exclude excise taxes collected by manufacturer and include discontinued operations]

Rank by sales group	Sales			Assets [1]			Net income [2]			Employees [3]		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
First 500 largest	**1,672.2**	**1,686.7**	**1,758.7**	**1,308.7**	**1,353.9**	**1,409.4**	**61.4**	**68.8**	**86.9**	**14,362**	**14,053**	**14,195**
Top 100	1,147.4	1,161.1	1,223.0	878.1	913.6	985.5	43.2	52.6	63.0	8,387	8,313	8,792
101–200	264.7	262.9	262.5	218.2	227.0	210.7	6.8	7.1	12.4	2,907	2,767	2,488
201–300	132.4	132.9	139.8	114.2	109.9	110.1	5.3	5.0	6.1	1,492	1,397	1,449
301–400	77.3	78.6	81.1	62.8	65.6	65.3	2.3	2.4	3.2	983	967	892
401–500	50.4	51.2	52.3	35.3	37.8	37.8	1.7	1.8	2.2	591	608	573
Percent of total, first 500:												
Top 100	68.6	68.8	69.5	67.1	67.5	69.9	70.4	76.5	72.4	58.4	59.2	61.9
101–200	15.8	15.6	14.9	16.7	16.8	14.9	14.3	10.3	14.2	20.2	19.7	17.5
201–300	7.9	7.9	7.9	8.7	8.1	7.8	8.7	7.2	6.9	10.4	9.9	10.2
301–400	4.6	4.7	4.6	4.8	4.8	4.6	3.8	3.5	3.6	6.8	6.9	6.3
401–500	3.0	3.0	3.0	2.7	2.8	2.6	2.8	2.6	2.4	4.1	4.3	4.0

[1] Total assets employed in business at end of fiscal year, less depreciation and depletion. [2] After taxes, special charges, and credits. [3] As of year end, or yearly average.

Source: Time, Inc., New York, NY, *The Fortune Directory,* May and June issues. (Copyright.)

No. 908. 500 Largest Industrial Corporations—Selected Financial Items, by Industry: 1983 and 1984

[Data are ranked based on sales per employee for latest year shown. See headnote, table 907. Minus sign (–) indicates decrease. For *definition of median*, see Guide to Tabular Presentation]

Industry	Sales per employee ($1,000)		Changes in profits (percent)		Sales per dollar of stockholder's equity (dol.)		Return on stockholder's equity (percent)		Return on sales (percent)		Total *return to* investors [1] (percent)	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
Total	**92.2**	**100.6**	**12.0**	**24.9**	**2.66**	**2.78**	**10.7**	**13.6**	**3.8**	**4.5**	**30.2**	**–.8**
Petroleum refining	481.4	391.0	–9.1	2.5	2.91	3.15	9.5	9.5	3.4	4.0	22.4	2.7
Mining, crude-oil production	172.7	181.6	3.7	1.1	1.63	1.74	8.9	13.8	6.1	6.3	36.8	–8.4
Beverages	142.3	143.8	23.0	–3.6	3.59	2.99	16.9	15.7	6.0	6.0	48.6	16.4
Food	130.5	146.4	8.9	10.0	4.55	5.15	14.5	16.2	2.7	2.9	26.0	16.3
Chemicals	123.8	129.1	26.9	23.1	2.31	2.58	10.0	12.2	3.5	4.3	34.4	1.6
Soaps, cosmetics	113.1	114.7	2.1	1.2	2.71	2.72	14.7	17.4	5.5	5.8	6.8	5.7
Metal manufacturing	109.7	123.2	27.0	76.4	2.78	2.84	–	7.1	–	3.0	42.5	–21.7
Paper, fiber, wood products	107.5	129.5	22.4	38.4	2.39	2.60	7.1	12.4	3.7	4.8	*34.1*	*12.4*
Rubber, plastic products	99.0	100.6	171.5	31.5	3.03	3.21	10.0	12.1	3.1	3.3	13.7	12.1
Glass, concrete, abrasives, gypsum	93.0	112.5	78.3	65.0	2.16	2.44	8.0	9.5	3.4	4.0	9.5	9.5
Pharmaceuticals	90.2	93.9	13.5	7.7	1.93	1.93	17.5	18.1	10.4	10.0	7.2	18.1
Publishing, printing	88.0	92.2	21.0	17.9	2.18	2.18	17.8	18.4	7.5	8.4	27.1	18.4
Shipbuilding, railroad and transportation equipment [2]	87.2	99.0	43.4	14.9	4.48	5.28	13.2	14.3	3.2	3.3	*30.3*	*14.3*
Motor vehicles	86.8	95.6	93.7	60.3	3.29	3.46	9.9	15.4	3.4	5.2	42.8	15.4
Metal products	83.5	97.4	13.0	28.5	2.88	2.96	9.5	11.7	4.0	4.3	33.1	11.7
Industrial and farm equipment	79.0	82.4	–15.8	83.4	2.25	2.46	4.7	11.8	1.8	3.9	*34.4*	*11.8*
Musical instruments, toys, sporting goods	77.2	77.2	–	156.1	3.86	3.00	–	14.2	–	5.4	2.1	14.2
Aerospace	77.2	88.1	23.6	28.0	3.66	3.70	13.5	13.9	3.6	4.3	32.9	13.9
Measuring, scientific, photo. equip.	70.1	71.8	–2.8	16.8	1.94	2.00	9.9	14.0	5.1	5.6	23.8	14.0
Electronics, appliances	67.6	72.3	9.7	22.6	2.70	2.44	12.0	14.5	4.8	5.7	26.8	14.5
Office equipment (incl. computers)	66.4	73.8	8.7	24.4	1.88	1.96	11.1	12.6	5.7	6.6	28.8	12.6
Textiles, vinyl flooring	55.3	62.6	*22.2*	*16.2*	*2.95*	*3.33*	*8.7*	*8.2*	*3.2*	*3.8*	*32.3*	*8.2*
Apparel	48.6	52.8	23.2	10.7	3.28	3.71	13.0	13.9	3.6	3.5	41.6	13.9

– Represents zero.
[1] Includes both price appreciation and dividend yield, *i.e., to an investor* in the company's stock. [2] Excludes motor vehicles and aircraft.

Source: Time, Inc., New York, NY, *The Fortune Directory,* May and June issues. (Copyright).

No. 909. Corporate Funds—Sources and Uses: 1970 to 1984

[In billions of dollars, except percent. Covers nonfarm nonfinancial corporate business. See text, p. 516]

Source and use	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Sources, total	**102.3**	**157.0**	**254.1**	**317.5**	**345.2**	**335.2**	**364.2**	**309.4**	**436.3**	**480.6**
Internal	61.8	119.7	157.4	175.7	188.8	189.5	230.4	234.3	280.5	336.3
Domestic undistributed profits	7.6	34.0	54.7	62.8	67.3	49.0	46.0	10.4	18.6	34.9
IVA and CCA [1]	–4.1	–21.1	–26.8	–36.1	–56.8	–57.2	–29.6	–5.5	21.8	48.7
Capital consumption allowances	51.8	93.8	114.3	129.2	147.7	167.8	189.5	207.1	215.2	228.5
Foreign earnings [2]	6.5	13.0	15.1	19.7	30.6	29.9	24.4	22.4	24.8	24.3
External [3]	40.5	37.3	96.7	141.8	156.4	145.7	133.8	*75.0*	*155.9*	*144.3*
Percent of total	39.6	23.8	38.1	44.7	45.3	43.5	36.7	24.3	35.7	30.0
Credit market funds	35.3	30.8	72.4	*80.5*	98.2	90.9	91.5	81.4	87.8	91.4
Securities and mortgages	26.3	38.7	35.8	*32.8*	*20.9*	*52.4*	*21.8*	*43.9*	*56.4*	*–21.1*
Equity issues	5.7	9.9	2.7	–.1	–7.8	12.9	–11.5	11.4	28.3	–72.1
Bonds and mortgages [4]	20.6	28.7	33.1	32.9	28.7	39.6	33.3	32.5	28.1	51.0
Loans and short-term paper	9.0	–7.9	36.6	47.7	67.3	38.5	69.7	37.5	31.4	112.5
Other	5.3	6.5	24.3	61.3	68.2	54.8	42.3	–6.4	68.1	52.9
Profit taxes payable	–3.7	–2.4	–1.5	4.3	2.5	–1.7	–6.8	–14.1	5.8	.7
Trade debt	7.5	6.3	22.1	49.1	53.8	39.6	26.0	–7.2	51.0	33.4
Foreign direct investments in U.S.	*1.5*	*2.8*	3.7	7.9	11.9	*16.9*	23.1	*14.9*	*11.3*	*18.8*
Uses, total	**98.7**	**150.9**	**237.6**	**293.6**	**343.7**	**317.6**	**334.2**	**258.0**	**384.3**	**442.9**
Capital expenditures	80.0	109.7	175.1	201.6	219.4	221.2	271.3	229.6	256.2	367.0
Increase in financial assets	18.7	41.2	62.5	92.0	124.3	*96.5*	62.9	28.4	128.1	75.9
Discrepancy (sources less uses)	*3.6*	*6.0*	*16.5*	*23.8*	*1.5*	*17.6*	*30.0*	*51.3*	*52.1*	*37.7*

[1] Inventory valuation and capital consumption adjustment. [2] Foreign branch profits, dividends, and subsidiaries earnings retained abroad. [3] Net increases in liability. [4] Includes industrial pollution control revenue bonds, issued by State and local governments.

Source: Board of Governors of the Federal Reserve System. Data derived from *Flow of Funds Accounts,* annual.

No. 910. Corporate Profits, Taxes, and Dividends: 1970 to 1984

[**In billions of dollars.** Covers corporations organized for profit. Represents profits to U.S. residents, without deduction of depletion charges and exclusive of capital gains and losses; intercorporate dividends from profits of domestic corporations are eliminated; net receipts of dividends, reinvested earnings of incorporated foreign affiliates, and earnings of unincorporated foreign affiliates are added]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Profits before taxes	75.4	132.1	166.3	194.7	229.1	252.7	234.6	221.2	165.5	203.2	235.7
Less: Income tax liability [1]	34.2	50.6	63.8	72.7	83.2	87.6	84.8	81.1	60.7	75.8	89.8
Equals: Profits after taxes	41.3	81.5	102.5	122.0	145.9	165.1	149.8	140.0	104.8	127.4	145.9
Less: Net dividends [2]	22.5	30.8	37.4	40.8	47.0	52.7	58.6	66.5	69.2	72.9	80.5
Equals: Undistributed profits	18.8	50.7	65.1	81.2	98.9	112.4	91.2	73.5	35.6	54.5	65.4
Capital consumption allowances [2]	56.6	89.4	96.3	110.2	124.9	142.7	163.0	195.0	224.8	264.4	301.9
Profits after tax plus capital consumption allowances [3]	97.9	170.9	198.8	232.2	270.7	307.8	312.8	335.0	329.7	391.8	447.8

[1] Federal, State and local. [2] Disbursements to U.S. residents, measured after elimnations of intercorporate dividends. [3] Without capital consumption adjustment. Includes depreciation and accidental damages.

No. 911. Corporate Profits—Financial and Nonfinancial Industries: 1970 to 1984

[**In billions of dollars.** Minus sign (–) indicates loss]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Corporate profits with IVA[1] and CCA[2]	**71.4**	**108.3**	**94.9**	**110.5**	**136.1**	**167.3**	**192.4**	**194.8**	**175.4**	**189.9**	**159.1**	**225.2**	**285.7**
Domestic industries	64.9	94.6	78.6	97.5	123.8	152.1	172.7	164.2	145.5	165.5	136.7	200.4	262.7
Financial	12.2	16.0	15.0	11.5	16.6	22.6	30.6	29.5	25.3	18.1	18.7	29.4	28.1
Nonfinancial	52.7	78.6	63.6	86.1	107.3	129.5	142.1	134.7	120.3	147.4	118.1	171.0	234.7
Rest of the world	6.5	13.7	16.3	13.0	14.3	15.1	19.7	30.6	29.9	24.4	22.4	24.8	23.0
Corporate profits with IVA [1]	68.9	105.6	98.7	120.6	151.6	178.5	205.1	209.6	191.7	197.6	156.0	192.0	230.0
Domestic industries	62.4	92.0	80.4	107.6	137.4	163.4	185.4	179.0	161.9	173.2	87.4	116.5	207.1
Financial	12.1	15.9	15.0	11.8	17.1	23.1	31.0	30.3	26.9	19.5	19.6	29.6	27.8
Federal Reserve banks	3.6	4.5	5.7	5.7	6.0	6.2	7.7	9.6	11.9	14.5	15.4	14.8	16.7
Other	8.6	11.4	9.3	6.2	11.1	16.9	23.3	20.7	15.0	4.9	4.2	14.8	11.1
Nonfinancial	50.2	76.0	65.4	95.8	120.3	140.3	154.4	148.6	134.9	153.7	67.7	86.9	179.2
Manufacturing	26.6	45.5	39.0	52.6	69.2	78.3	86.9	85.6	72.9	84.9	8.3	14.6	85.5
Durable goods[3]	10.2	24.3	13.2	16.9	30.4	38.1	44.3	37.1	20.4	23.0	–3.7	–1.1	29.0
Primary metal industries	.8	2.2	5.4	2.9	2.1	1.1	3.5	3.5	2.7	2.9	–.1	–.2	.4
Fabricated metal products	1.1	2.5	1.6	3.0	3.8	4.4	4.9	5.2	4.2	4.4	–.4	–.2	6.1
Machinery, except electrical	2.9	4.6	2.9	4.7	6.3	8.8	9.4	8.9	7.4	8.2	–1.0	–.6	5.0
Electrical and electronic equipment	1.2	3.0	.4	2.1	3.4	5.6	6.5	5.1	5.2	4.6	–.7	–.6	2.8
Motor vehicles and equipment	1.2	5.7	.1	1.9	7.2	9.4	8.9	4.7	–3.8	.3	–.4	–(Z)	9.8
Nondurable goods [3]	16.5	21.2	25.8	33.6	38.8	40.2	42.6	48.4	52.5	61.9	11.9	15.7	56.5
Food and kindred products	3.2	2.4	2.8	8.6	6.9	6.8	6.0	5.7	6.0	8.6	–.2	–1.0	7.0
Chemicals and allied products	3.9	6.0	5.6	6.5	8.3	7.9	8.3	7.1	6.0	8.0	(Z)	–.1	8.2
Petroleum and coal products	3.5	5.0	10.5	9.6	12.6	11.6	13.8	20.7	28.2	31.8	.4	.3	27.7
Transportation and public utilities	8.2	8.7	6.1	10.0	14.5	17.8	20.6	15.9	17.1	18.8	17.6	22.5	27.7
Wholesale and retail trade	9.5	13.9	12.5	21.3	22.4	26.6	26.9	27.1	23.6	31.8	25.9	33.4	45.9
Other	5.9	8.0	7.9	11.9	14.2	17.6	20.0	20.1	21.3	18.2	15.9	16.4	20.2

Z Less than $50 million. [1] Inventory valuation adjustments. [2] Capital consumption adjustment. [3] Includes other industries not shown separately.

Source of tables 910 and 911: U.S. Bureau of Economic Analysis, *The National Income and Products Accounts of the United States, 1929–76,* and *Survey of Current Business,* July issues.

No. 912. Corporate Profits, by Industry: 1980 to 1984

[**In billions of dollars.** Profits are without inventory valuation and capital consumption adjustments. Minus sign (–) indicates loss. See headnote, table 910]

INDUSTRY	BEFORE TAXES					AFTER TAXES			
	1980	1981	1982	1983	1984	1980	1981	1982	1983
Domestic industries, total	**204.7**	**196.8**	**96.9**	**127.8**	**212.7**	**119.9**	**115.6**	**82.5**	**102.6**
Agriculture [1]	.6	.3	–.1	(Z)	(Z)	.2	–(Z)	–.1	–(Z)
Mining	6.4	4.0	1.5	1.0	(Z)	4.6	2.3	.7	.5
Construction	5.7	4.1	3.5	3.3	(Z)	3.5	2.2	2.5	2.6
Manufacturing	92.1	96.5	12.3	19.4	88.5	52.9	59.9	33.7	36.9
Transportation	3.4	1.9	–.4	1.5	5.4	1.7	.3	–1.0	.3
Communications	7.5	8.1	7.3	6.2	6.7	5.6	6.3	6.0	4.6
Public utilities	9.7	11.2	12.2	14.5	15.8	7.0	8.4	10.4	12.2
Wholesale and retail trade	407	39.0	29.0	39.3	47.8	28.6	27.2	18.5	25.8
Finance, insurance [2]	29.0	20.4	20.4	31.1	(NA)	9.2	1.3	3.2	11.6
Services	9.6	11.3	11.1	11.6	(NA)	6.6	8.0	8.6	8.0
Rest of world [3]	29.9	24.4	22.4	24.8	23.0	29.9	24.4	22.4	24.8

NA Not available. Z Less than $50 million. [1] Includes forestry and fisheries. [2] Includes real estate. [3] Consists of receipts by all U.S. residents, including both corporations and persons, of earnings of unincorporated foreign affiliates, dividends from their incorporated foreign affiliates, and their share of reinvested earnings of their incorporated foreign affiliates, net of corresponding outflows.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* July issues.

No. 913. Manufacturing Corporations—Sales, Profits, Stockholders' Equity, and Debt: 1960 to 1984

[**In billions of dollars.** Prior to 1970, excludes newspapers. Data are not necessarily comparable from year to year due to changes in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. See also *Historical Statistics, Colonial Times to 1970*, series P 93-106]

Year	All manufacturing corps.					Durable goods industries					Nondurable goods industries				
	Sales (net)	Profits		Stockholders' equity [1]	Debt [1]	Sales (net)	Profits		Stockholders' equity [1]	Debt [1]	Sales (net)	Profits		Stockholders' equity [1]	Debt [1]
		Before taxes	After taxes				Before taxes	After taxes				Before taxes	After taxes		
1960	346	28	15	165	41	174	14	7	82	21	172	14	8	83	20
1965	492	47	28	212	58	257	26	15	105	28	235	20	13	106	30
1970	709	48	29	307	134	363	23	13	155	71	346	25	16	152	63
1972	850	63	37	343	149	436	34	18	171	77	414	30	18	172	72
1973	1,017	81	48	374	164	527	44	25	189	86	490	38	23	185	78
1974	1,061	92	59	395	167	529	41	25	196	87	532	51	34	199	80
1975	1,065	80	49	423	183	521	35	21	208	94	544	45	28	215	89
1976	1,203	105	65	463	188	590	51	31	224	91	614	54	34	238	97
1977	1,328	115	70	497	200	657	58	35	240	95	671	57	36	257	106
1978	1,496	133	81	541	222	761	70	42	263	106	736	63	39	278	117
1979	1,742	154	99	600	252	866	72	45	292	123	876	82	54	308	129
1980	1,897	145	92	665	292	883	57	36	316	143	1,014	88	57	349	149
1981	2,145	159	101	743	335	979	67	42	350	159	1,165	91	60	393	176
1982	2,039	108	71	770	371	913	35	22	356	177	1,126	74	49	415	193
1983	2,114	133	86	813	368	973	49	30	372	168	1,141	84	56	440	200
1984	2,335	166	108	864	405	1,108	75	49	396	166	1,227	90	59	469	239

[1] Annual data are average equity or debt for the year (using four end-of-quarter figures).

Source: Through 1981, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.* In U.S. Council of Economic Advisers, *Economic Report of the President,* annual.

No. 914. Manufacturing Corporations—Profits, Stockholders' Equity, Sales, and Debt Ratios: 1980 to 1984

[Averages of quarterly figures at annual rates. Based on sample; see source for discussion of methodology. Minus sign (−) indicates loss. See headnote, table 913]

Industry group	Ratio of profits to stockholders' equity (percent)				Profits per dollar of sales (cents)				Ratio of stockholders' equity to debt			
	1980	1982	1983	1984	1980	1982	1983	1984	1980	1982	1983	1984
All manufacturing corporations [1]	**13.9**	**9.3**	**10.5**	**12.5**	**4.9**	**3.5**	**4.1**	**4.6**	**2.3**	**2.2**	**2.2**	**2.1**
Durable goods industries	**11.2**	**6.1**	**8.0**	**12.4**	**4.0**	**2.4**	**3.1**	**4.4**	**2.2**	**2.2**	**2.1**	**2.4**
Stone, clay, and glass products	10.8	2.3	5.3	9.4	4.2	.8	2.2	3.7	1.9	1.9	1.7	1.7
Primary metal industries	11.7	−9.5	−10.5	−1.5	4.1	−4.2	−4.0	−.5	1.7	1.7	1.2	1.2
Iron and steel	9.0	−15.4	−17.8	−2.7	2.9	−6.2	−5.9	−.7	1.7	1.8	1.0	1.0
Nonferrous metals	15.6	−1.8	−1.6	−.5	5.8	−.9	−.8	−.2	1.8	1.7	1.5	1.5
Fabricated metal products	13.9	7.1	8.1	13.0	4.2	2.3	2.6	3.9	2.1	2.2	1.9	1.8
Machinery, exc. electrical	15.0	8.6	7.9	11.8	6.5	4.3	4.3	5.8	2.2	2.2	2.7	2.6
Electrical and electronic equipment	15.1	11.4	9.9	11.7	5.0	4.2	3.9	4.4	2.6	2.6	2.8	2.9
Transportation equipment	−.6	5.6	15.7	20.4	−.3	1.6	4.2	5.3	2.7	2.4	2.7	3.3
Motor vehicles and equipment	−9.3	2.0	19.7	24.8	−3.4	.5	5.0	6.2	3.4	3.0	3.5	4.0
Aircraft, guided missiles and parts	16.0	12.0	12.1	14.1	4.3	3.3	3.5	4.1	2.8	2.7	3.2	3.7
Instruments and related products	17.5	14.3	11.9	12.5	9.3	8.0	6.9	7.0	4.3	4.5	4.8	4.1
Nondurable goods industries	**16.4**	**11.9**	**12.8**	**12.6**	**5.6**	**4.4**	**4.9**	**4.8**	**2.3**	**2.2**	**2.2**	**2.0**
Food and kindred products	14.7	13.0	12.3	13.3	3.4	3.1	3.7	3.3	1.9	1.8	1.8	1.5
Tobacco manufactures	19.8	18.9	18.5	20.4	11.7	11.4	12.2	12.0	1.8	1.7	2.2	2.3
Textile mill products	8.5	6.9	11.2	11.2	2.2	2.0	3.7	3.2	2.0	2.0	2.0	1.8
Paper and allied products	12.1	5.4	8.3	10.7	5.1	2.4	3.9	4.2	2.0	2.0	1.8	1.7
Printing and publishing	16.4	13.5	17.1	18.2	5.5	4.5	6.9	6.0	2.1	2.1	2.1	2.0
Chemicals and allied products	15.4	11.1	11.9	14.0	7.1	5.5	6.0	6.6	2.2	2.2	2.2	2.3
Industrial	11.9	6.5	7.7	11.5	5.4	3.3	3.7	5.4	1.9	1.9	1.9	2.1
Drugs	19.9	19.6	20.4	20.2	13.2	13.1	13.7	13.3	3.0	2.8	2.8	3.0
Petroleum and coal products	20.0	13.2	12.7	10.0	7.7	5.5	6.2	5.1	3.4	3.0	2.7	2.0
Rubber and misc. plastics products	6.7	8.1	10.0	13.6	2.0	2.5	3.7	3.8	1.6	1.8	2.1	2.0

[1] Includes other industries not shown separately.

Source: 1980, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.* In U.S. Council of Economic Advisers, *Economic Report of the President,* annual.

No. 915. U.S. Largest Public Companies—Return on Equity, Debt Equity Ratio, Sales, and Earnings per Share—by Industry: 1980 to 1984

[For year ending in **September.** Included in the Forbes Universe of 1,000 companies is every firm with revenue of over $450 million in **1984.** Represents industry medians; calculated by listing companies in rank order and selecting the midpoint. Where there is an even number of companies, an arithmetic average of the two middle companies is substituted]

INDUSTRY	PROFITABILITY					GROWTH					
	Return on equity [1]			1984		Sales [4]			Earnings per share		
	5-year rank	1980–84 average (percent)	1984 (percent)	Debt/equity ratio [2]	Net profit margin [3] (percent)	5-year rank	1980–84, average (percent)	1984 (percent)	5-year rank	1980–84 average (percent)	1984 (percent)
All-industry medians	(X)	**15.1**	**13.4**	**.4**	**3.7**	(X)	**10.2**	**11.5**	(X)	**−.6**	**15.8**
Beverages	1	22.4	16.0	.5	6.0	10	13.3	9.9	1	20.2	−.3
Tobacco	2	20.3	19.3	.3	5.7	28	7.4	3.3	4	11.1	16.0
Oilfield drillers and services	3	20.1	1.7	.6	.3	11	13.3	−4.0	35	−29.4	(NS)
Health care	4	19.9	15.6	.3	7.6	20	10.5	7.4	6	10.3	8.6
Publishing	5	19.2	20.6	.3	7.6	8	13.9	13.3	2	12.6	27.3
Petroleum	6	18.9	10.7	.4	3.1	7	15.4	4.6	17	1.2	−6.3
Services	7	18.0	17.1	.4	3.2	13	12.8	16.1	6	10.3	13.4
Electrical equipment	8	17.7	16.3	.1	5.6	24	8.7	11.7	13	3.6	26.5
Computers	9	17.4	12.9	.3	5.6	4	18.2	15.1	15	3.1	28.0
Broadcasting	10	16.9	16.5	.4	4.3	6	16.2	17.3	28	−7.0	27.4
Builders	11	16.7	10.0	.2	2.1	17	11.0	2.8	27	−6.2	−16.2
Retailers-specialty	12	16.1	16.2	.4	3.2	15	12.5	13.4	9	6.8	22.0
Food processors	13	16.0	15.8	.3	2.9	25	8.6	9.2	14	3.2	8.6
Supermarkets	14	15.9	13.3	.7	1.0	21	10.2	8.1	16	3.0	3.6
Natural gas utilities	15	15.8	14.0	.8	3.6	5	16.9	8.8	11	5.2	16.9
Aerospace and defense	16	15.8	15.2	.2	4.0	22	10.1	11.3	22	−1.5	27.6
Electronics	17	15.7	15.9	.2	4.9	13	12.8	19.2	18	.8	27.6
Telecommunications	18	15.7	11.3	.6	6.9	15	12.5	8.2	20	.6	7.4
Leisure and recreation	19	15.3	12.0	.4	4.9	27	8.3	13.5	32	−14.2	−6.3
Apparel	20	15.2	15.9	.2	4.1	26	8.4	7.8	3	12.3	14.3
Banks	21	15.1	13.5	.3	6.8	3	18.6	15.1	5	10.5	6.2
Financial services	22	15.1	11.7	.7	3.8	2	19.7	10.9	12	4.4	−13.6
Insurance	23	15.1	10.9	.1	5.5	23	9.5	12.9	21	.3	−2.9
Diversified companies	24	14.2	11.0	.4	3.5	33	5.4	10.3	23	−1.7	17.0
Chemicals	25	14.1	13.0	.4	3.8	35	4.5	10.1	24	−3.7	31.3
Retailers-general	26	13.9	14.4	.5	3.1	19	10.5	13.1	8	9.3	15.4
Electric utilities	27	13.6	15.5	.9	12.0	9	13.8	8.2	10	6.4	9.9
Surface transportation	28	13.5	12.7	.7	3.4	31	5.5	15.7	26	−5.5	23.7
Consumer products	29	13.4	15.6	.3	5.2	34	5.4	7.4	19	.7	11.4
Industrial machinery	30	13.3	9.8	.3	2.9	38	3.6	14.4	31	−12.2	28.9
Packaging	31	12.2	12.4	.4	2.3	29	6.8	14.0	30	−10.8	42.4
Paper	32	11.2	13.9	.5	4.2	32	5.5	16.5	29	−8.4	70.8
Office equipment	33	10.8	14.3	.2	5.0	30	6.8	7.2	36	(NS)	10.3
Automotive suppliers	34	10.5	16.0	.3	3.5	37	3.8	16.6	33	−14.3	43.8
Parts makers	(X)	13.0	16.6	.3	4.0	(X)	3.8	18.7	(X)	−11.7	43.8
Tire and rubber	(X)	6.5	13.5	.3	2.8	(X)	3.2	12.2	(X)	(NS)	39.0
Building materials	35	9.8	8.9	.4	2.8	39	2.4	13.2	34	−27.1	32.1
Textiles	36	9.5	10.8	.4	3.4	36	4.1	10.5	25	−4.3	26.6
Metals	37	7.9	1.5	.5	(5)	40	.4	22.3	36	(NS)	(NS)
Coal	38	7.8	10.6	.6	3.4	18	10.9	9.6	36	(NS)	65.9
Thrift institutions	39	4.1	9.9	.2	5.1	1	22.8	30.6	40	(NS)	9.1
Air transport	40	2.9	6.3	1.0	(5)	12	13.0	15.5	40	(NS)	(NS)
Heavy equipment	41	2.5	(5)	.6	(5)	42	−5.5	5.8	36	(NS)	(NS)
Automobiles and trucks	42	1.3	18.0	.4	2.3	41	−1.5	25.4	40	(NS)	167.8

NS Not significant. X Not applicable. [1] Represents net income divided by common shareholders' equity. Common shareholders' equity is total shareholders' equity including the stated value of all perferred stock at the beginning of each year minus the involuntary liquidating value of preferred shares. [2] Long-term debt, including capitalized leases, divided by total equity, including preferred equity. [3] Net income divided by net sales, including other operating income. [4] Net sales plus other operating revenue. [5] Deficit.

Source: Forbes, Inc., New York, NY, *Forbes Annual Report on American Industry.* (Copyright.)

No. 916. Federal Government Loans to All Small Businesses: 1970 to 1984

[For years ending **June 30** except, beginning **1977** ending **Sept. 30.** A small business must be independently owned and operated, must not be dominant in its particular industry, and must meet standards set by the Small Business Administration as to its annual receipts or number of employees]

LOANS APPROVED	Unit	1970–1984, avg.	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Loans, all businesses	1,000	25.6	22.3	26.1	31.8	31.7	30.2	31.7	28.7	15.4	19.2	21.3
Minority-operated businesses	1,000	5.8	5.4	5.5	6.2	6.1	5.5	6.0	5.2	2.5	2.7	3.1
Percent of all businesses	Percent	23	24	21	19	19	18	19	18	16	14	15
Value of total loans	Mil. dol	2,467	1,594	2,071	3,049	3,314	3,407	3,858	3,668	2,038	3,007	3,450
Loans to minority-operated businesses	Mil. dol	318	229	262	352	402	428	470	454	238	295	383
Percent of all loans	Percent	13	14	13	12	12	13	12	12	12	10	11

Source: U.S. Small Business Administration, unpublished data.

No. 917. Gross Product of U.S. Multinational Companies (MNC's), by Industry of U.S. Parent: 1977

[**In billions of dollars, except percent.** Gross product is an economic accounting measure of production. It measures U.S. parent companies' contribution to U.S. gross domestic product (GDP) and their majority-owned foreign affiliate (MOFA's) contribution to foreign GDP. The gross product estimates are based on data from the Bureau of Economic Analysis' 1977 benchmark survey of U.S. direct investment abroad and cover nonbank U.S. parent companies that had at least one nonbank MOFA. (MOFA's are foreign affiliates that were owned by more than 50 percent of all U.S. parents combined and that had assets, sales, or net income of more than $3 million in 1977.) Detailed data and the methodology of the benchmark survey are published in U.S. Bureau of Economic Analysis, *U.S. Direct Investment Abroad, 1977*, April 1981]

ITEM	U.S. MNC'S WORLDWIDE			PERCENT DISTRIBUTION	
	Total	U.S. parents	MOFA's	U.S. parents	MOFA's
All industries	**651.7**	**490.5**	**161.1**	**75**	**25**
Mining	2.4	2.0	.4	82	18
Metal mining	.9	.7	.2	80	20
Coal and other nonmetallic minerals	1.6	1.3	.3	83	17
Petroleum	114.1	52.1	62.0	46	54
Oil and gas extraction	4.4	3.5	.8	81	19
Petroleum and coal products	101.1	43.2	57.9	43	57
Petroleum wholesale trade	5.1	2.2	2.9	43	57
Other	3.4	3.1	.3	90	10
Manufacturing	382.3	301.3	81.0	79	21
Food and kindred products	27.9	21.8	6.1	78	22
Chemicals and allied products	51.5	39.1	12.4	76	24
Primary and fabricated metals	40.2	35.4	4.8	88	12
Primary metals	27.3	24.8	2.5	91	9
Fabricated	12.9	10.6	2.3	82	18
Machinery, except electrical	60.4	42.4	18.0	70	30
Office and computing machines	30.3	17.6	12.6	58	42
Construction and related machinery	10.5	8.4	2.1	80	20
Farm and garden machinery and equipment	3.4	2.8	.6	82	18
Other	16.2	13.5	2.7	83	17
Electric and electronic equipment	32.1	26.7	5.4	83	17
Transportation equipment	88.5	71.3	17.2	81	19
Other manufacturing	81.6	64.6	17.0	79	21
Trade	35.3	31.3	4.0	89	11
Wholesale	6.5	5.1	1.5	77	23
Retail	28.7	26.3	2.5	91	9
Finance (except banking), insurance, and real estate	29.2	22.8	6.4	78	22
Other industries	88.4	81.1	7.3	92	8
Construction	(D)	(D)	(D)	71	29
Transportation, communication, and public utilities	66.6	63.8	2.7	96	4
Services	11.7	10.0	1.7	85	15

D Figure withheld to avoid disclosure of information pertaining to a specific organization or individual.

Source: U.S. Bureau of Economic Anaylsis, *Survey of Current Business*, February, 1983.

No. 918. Capital Expenditures by Majority-Owned Foreign Affiliates of U.S. Multinational Companies: 1975 to 1985

[Represents expenditures to acquire, add to, or improve property, plant, and equipment. Data are universe estimates based on Bureau of Economic Analysis' semiannual sample survey. The latest survey, taken in Dec. 1984, covered over 8,500 majority-owned foreign affiliates. See *Survey of Current Business*, March 1985]

INDUSTRY AND AREA OR COUNTRY	EXPENDITURES (bil. dol.)								PERCENT OF TOTAL			
	1975	1979	1980	1981	1982	1983	1984, prel.	1985, prel.	1975	1980	1984, prel.	1985, prel.
Total [1]	**26.8**	**32.6**	**42.4**	**43.7**	**43.8**	**36.0**	**37.5**	**42.5**	**100.0**	**100.0**	**100.0**	**100.0**
Mining	1.2	.7	1.3	1.3	.7	.5	.6	.8	4.5	3.1	1.7	2.0
Petroleum	8.9	11.0	14.8	15.8	19.7	15.5	16.1	17.3	33.2	34.9	43.1	40.1
Manufacturing [1]	11.3	15.4	19.5	19.2	16.8	13.7	14.5	17.7	4.2	46.0	38.7	41.7
Food and kindred products	.7	1.2	1.5	1.4	1.3	1.2	1.3	1.5	2.6	3.5	3.3	3.0
Chemicals and allied products	2.5	2.6	3.0	3.0	2.8	2.3	2.5	3.0	9.3	7.1	6.8	6.9
Machinery (except electrical)	2.8	4.7	5.6	5.1	4.9	3.8	3.4	4.0	10.4	13.2	9.1	9.6
Electric and electronic equipment	.9	1.1	1.4	1.2	1.1	1.2	1.5	1.7	3.4	3.3	3.9	4.0
Transportation equipment	1.4	2.9	4.4	5.2	3.4	2.6	2.7	3.9	5.2	10.4	7.1	9.2
Trade	2.4	3.1	3.8	4.3	3.8	3.5	3.5	3.9	9.0	9.0	9.4	9.3
By area of affiliate:												
Developed countries	18.8	24.8	31.9	31.3	30.0	25.3	27.2	30.5	70.1	75.2	72.6	71.7
Canada	5.0	6.5	8.3	8.1	7.4	6.5	7.2	8.4	18.7	19.6	19.2	19.7
Europe	11.7	16.4	20.8	20.1	19.5	16.5	17.7	19.0	43.7	49.1	47.2	44.7
European Communities [2]	9.9	14.0	17.8	16.2	15.4	13.7	14.4	15.9	36.9	42.0	38.5	37.5
Other Europe	1.8	2.4	3.0	3.9	4.0	2.8	3.3	3.0	6.7	7.1	8.7	7.2
Japan	.8	.6	.9	.8	.9	.6	.7	1.0	3.0	2.1	2.0	2.4
Australia, New Zealand, South Africa	1.2	1.3	1.8	2.2	2.2	1.6	1.6	2.1	4.5	4.2	4.2	4.8
Developing countries	6.4	6.6	9.0	11.1	12.5	10.1	9.8	11.5	23.9	21.2	26.1	27.0
Latin America	3.1	3.2	4.6	5.7	5.2	3.3	3.9	4.8	11.6	10.8	10.1	11.4
Africa (excl. South Africa)	.7	.9	1.3	1.6	2.5	1.9	1.6	1.9	2.6	3.1	4.4	4.6
Middle East	1.3	.8	.7	.5	.7	.8	.6	.7	4.9	1.7	1.8	1.4
Other Asia and Pacific	1.3	1.7	2.5	3.3	4.1	4.1	3.6	4.0	4.9	5.9	9.4	9.4
International	1.7	1.2	1.5	1.4	1.3	.7	.4	.5	6.3	3.5	1.2	1.3

[1] Includes other industries not shown separately. [2] Includes Belgium, Denmark, France, Federal Republic of Germany, Ireland, Italy, Luxembourg, the Netherlands, and the United Kingdom.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March issues.

No. 919. Foreign-Owned U.S. Firms, by Percent of Foreign Ownership, Industry, and Country: 1982

[Covers only firms operating at more than one U.S. location and having 50 or more employees. A firm was defined as foreign-owned if ten percent or more of its equity was owned by a foreign entity. Domicile country refers to location of the home office of the owning entity]

ITEM	Firms [1]	Establishments [1]	Employment [2] (1,000)	Annual payroll (mil. dol.)	DOMICILE COUNTRY	Firms [1]	Establishments [1]	Employment [2] (1,000)	Annual payroll (mil. dol.)
Total [3]	**1,744**	**48,287**	**2,377.4**	**47,876**	**All countries [3]**	**1,744**	**48,287**	**2,377.4**	**47,876**
Foreign ownership:					Australia [4]	29	466	27.5	600
10-49 percent	246	10,004	567.6	13,002	Bahamas	13	238	9.6	122
50-99 percent	308	9,304	419.5	8,490	Belgium [5]	39	782	48.9	992
100 percent	1,159	28,759	1372.8	26,014	Bermuda	15	1,109	40.3	740
Industry:					Canada	271	8,166	411.3	9,295
Agriculture	58	240	8.5	142	France	122	3,158	168.7	3,499
Mining	102	881	106.1	3,277	Germany, Fed. Rep. of	173	5,493	314.0	5,758
Construction	87	454	48.4	1,347	Great Britain	293	11,225	505.7	8,748
Manufacturing	864	5,884	1,109.3	24,496	Hong Kong	20	1,186	20.8	328
Transportation, communication, public utilities	221	2,358	83.9	2,072	Japan	239	2,249	117.8	2,589
Wholesale trade	947	9,536	219.7	5,525	Netherlands	132	7,902	354.4	7,783
Retail trade	230	18,440	444.0	4,431	Neth. Antilles	37	1,335	73.9	1,552
Finance, insurance, real estate	375	5,434	183.6	4,183	Panama	18	168	13.8	290
Services	378	5,060	173.8	2,404	Sweden	50	605	41.3	836
					Switzerland	131	2,594	143.7	2,792
					Other	162	1,611	85.7	1,952

[1] For definition, see text, p. 515. [2] For week including March 12. [3] Includes industries and countries not shown separately. [4] Includes New Zealand. [5] Includes Luxembourg.

Source: U.S. Bureau of the Census, *Selected Characteristics of Foreign-Owned U.S. Firms: 1982.*

No. 920. Consumer Cooperatives and Farmer Cooperatives Selling Consumer Goods, by Type of Association: 1970 to 1983

[Members in thousands; business in millions of dollars. Business refers to loans outstanding]

TYPE OF ASSOCIATION	1970			1981			1983		
	Associations	Members	Business	Associations	Members	Business	Associations	Members	Business
Credit unions [1]	23,656	22,819	14,106	20,697	45,069	50,394	15,783	43,375	62,083
Electric power cooperatives [2]	875	5,789	1,195	869	9,028	7,440	869	9,496	9,519
Rural telephone cooperatives [3]	235	609	86	254	962	391	253	1,002	509
Independent prepaid and self-insured health plans [4]	[5] 482	[5] 12,204	1,068	(NA)	[6] 29,107	[6] 9,353	(NA)	(NA)	(NA)
Community consumer	[5] 40	[5] 4,691	445	(NA)	[6] 7,962	[6] 2,519	(NA)	(NA)	(NA)
Labor and management	[5] 418	[5] 5,834	545	(NA)	[6] 18,457	[6] 5,810	(NA)	(NA)	(NA)
Health professionals (both profit making and non-profit plans)	[5] 24	[5] 1,679	78	(NA)	[6] 2,688	[6] 1,024	(NA)	(NA)	(NA)
Farmer cooperatives selling producer and consumer goods [7]	6,209	(NA)	3,871	5,009	(NA)	17,059	4,558	(NA)	15,943
Petroleum products [8]	2,774	(NA)	862	2,911	(NA)	5,646	2,742	(NA)	5,434
Meats and groceries	717	(NA)	83	482	(NA)	163	436	(NA)	124
Miscellaneous [9]	4,800+	(NA)	527	4,300+	(NA)	1,729	3,922	(NA)	1,352

NA Not available. [1] Beginning 1983, covers federally insured credit unions. Source: National Credit Union Administration, *Annual Report of the National Credit Union Administration* and *State Chartered Credit Unions.* [2] Source: U.S. Rural Electrification Administration, *Statistical Report—Rural Electric Borrowers,* Electric distribution cooperatives currently borrowing from REA, average number of consumers served, and total revenues. [3] Source: U.S. Rural Electrification Administration, *Statistical Report—Rural Telephone Borrowers.* Cooperatives currently borrowing from REA, number of subscribers at end of year, annual revenues.

[4] Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* September 1982, and unpublished data. Estimated enrollees and annual subscription income of plans. Enrollment is for most frequent type of benefit (surgical services). [5] 1968 data. [6] 1979 data. [7] Data for fiscal years ending June 30 or earlier in years shown. Since most cooperatives do more than one type of business, totals are less than would be obtained by adding number of cooperatives handling individual items or performing individual services. Major products sold are feed, seed, fertilizer, pesticides, and petroleum. See table 1156 for other items sold by farmer cooperatives. [8] Sales include products for farming, for both farm and non-farm home heating, and automobile and truck uses. [9] Includes hardware, building supplies, lawn and garden items, electrical goods, and other supplies used by both farmers and nonfarmers.

Source: Except as noted, U.S. Dept. of Agriculture, Agricultural Cooperative Service, unpublished data.

No. 921. Corporate Philanthropy as a Percent of Pretax Net Income: 1981 to 1983

[Based on sample of 2,500 large industrial and non-industrial companies]

INDUSTRY CLASS	1981	1982	1983	INDUSTRY CLASS	1981	1982	1983
All firms, average	.63	.83	.83	**Manufacturing firms, average**—Con.			
Manufacturing firms, average	.63	.90	.86	Stone, clay and glass products	1.35	2.63	1.45
Chemicals	.73	.92	1.29	Textiles	.99	1.62	1.29
Electrical machinery and equipment	.64	.80	.94	Transportation equipment	.86	2.11	.73
Fabricated metal products	1.23	1.06	.28	**Nonmanufacturing firms, average**	.63	.69	.76
Food, beverage and tobacco	.71	1.00	.89	Banking	.97	1.12	.99
Machinery, nonelectrical	.86	2.40	1.09	Business services	.61	.79	.69
Mining	.79	1.90	.49	Engineering and construction	.71	.39	1.10
Paper and like products	1.08	1.80	1.66	Finance	.66	.75	1.23
Petroleum and gas	.42	.61	.64	Insurance	.96	1.31	1.94
Pharmaceuticals	.82	.99	1.16	Merchandising	1.50	1.30	1.34
Primary metal industries	.88	1.63	2.94	Telecommunications	.45	.53	.71
Printing and publishing	.92	1.26	1.10	Transportation	.62	1.00	.65
Rubber, misc. plastic products	.49	1.12	.68	Utilities	.28	.27	.29

No. 922. Corporate Philanthropy—Beneficiaries: 1975 to 1983

[In millions of dollars, except percent]

BENEFICIARY	1975	1976	1977	1978	1979	1980	1981	1982	1983	
									Total	Percent of total
Total	**436.8**	**516.2**	**593.9**	**663.2**	**835.6**	**994.6**	**1,170.6**	**1,281.6**	**1,278.4**	**100.0**
Health and human services [1]	180.0	203.1	227.6	225.9	292.6	337.9	393.3	397.3	367.6	28.7
Federal drives	104.6	116.2	128.5	142.1	(NA)	170.7	(NA)	182.4	(NA)	(NA)
Other local health, human services	20.5	20.4	25.0	28.3	(NA)	41.7	(NA)	44.6	(NA)	(NA)
Hospitals:										
Capital grants	17.9	21.0	23.6	24.5	(NA)	29.8	(NA)	27.0	(NA)	(NA)
Operating grants	4.7	4.8	5.4	6.1	(NA)	11.1	(NA)	10.7	(NA)	(NA)
Education [1]	158.4	192.5	220.0	256.3	314.8	375.8	429.8	522.2	498.8	39.0
Higher education institutions:										
Dept. and research grants	23.8	29.0	31.6	41.8	(NA)	64.7	(NA)	114.6	(NA)	(NA)
Employee matching gifts	14.0	17.0	22.4	25.2	(NA)	45.4	(NA)	71.2	(NA)	(NA)
Unrestricted operating grants	29.1	32.1	34.8	43.8	(NA)	56.0	(NA)	57.4	(NA)	(NA)
Culture and art [1]	33.0	42.2	53.2	70.0	82.5	108.7	139.6	145.8	145.2	11.4
Museums	7.6	10.0	11.8	17.2	(NA)	23.3	(NA)	31.7	(NA)	(NA)
Music	5.1	5.9	7.4	10.1	(NA)	14.7	(NA)	19.5	(NA)	(NA)
Public TV and radio	5.9	6.4	9.5	11.3	(NA)	16.3	(NA)	18.3	(NA)	(NA)
Civic, community activities [1]	45.2	57.0	68.3	79.0	97.3	116.8	136.6	149.3	188.8	14.8
Community improvement	15.2	21.9	26.3	28.8	(NA)	47.0	(NA)	48.2	(NA)	(NA)
Environment; ecology	7.5	7.9	15.1	11.2	(NA)	10.8	(NA)	13.8	(NA)	(NA)
Housing, urban renewal	3.0	2.9	2.7	5.6	(NA)	7.7	(NA)	12.8	(NA)	(NA)
Other and unknown	20.3	21.5	24.8	32.0	48.3	55.5	71.3	67.0	78.0	6.1

NA Not available. [1] Includes other beneficiaries not shown separately.

Source of tables 921 and 922: Platzer, Linda Cardillo, *Annual Survey of Corporate Contributions, The Conference Board, New York, NY.* (Copyright.)

No. 923. Patents and Trademarks: 1961 to 1984

[**In thousands.** Calendar year data. Covers patents issued to citizens of the United States and residents of foreign countries. For information on copyrights, see table 947. See also *Historical Statistics, Colonial Times to 1970*, series W 96–108]

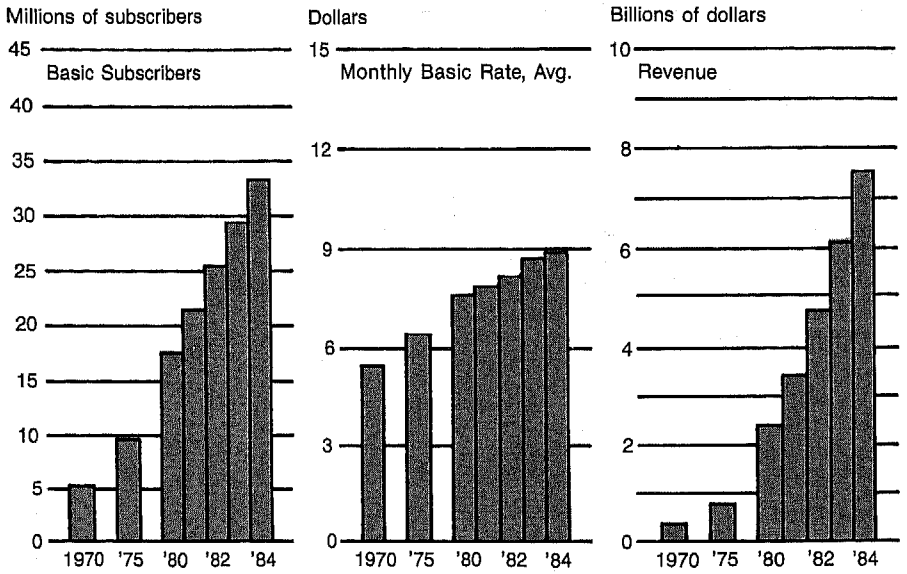
ITEM	1961–1970	1971–1980	1976	1977	1978	1979	1980	1981	1982	1983	1984
Patent applications filed	**967.8**	**1,091.5**	**110.0**	**109.0**	**109.3**	**108.9**	**113.0**	**114.5**	**118.4**	**112.4**	**120.6**
Inventions	912.3	1,019.4	102.3	100.9	100.9	100.5	104.3	106.4	109.6	103.7	111.3
Designs	51.6	65.8	7.1	7.3	7.5	7.5	7.8	7.4	8.2	8.1	8.7
Botanical plants	1.2	1.7	.2	.2	.2	.2	.2	.2	.2	.3	.3
Reissues	2.7	4.6	.4	.6	.7	.6	.6	.5	.4	.3	.3
Patents issued	**618.3**	**731.0**	**75.4**	**69.8**	**70.5**	**52.4**	**66.2**	**71.0**	**63.3**	**62.0**	**72.7**
Inventions	585.1	687.8	70.2	65.3	66.1	48.9	61.8	65.8	57.9	56.9	67.2
Individuals	143.3	152.0	14.1	14.0	14.3	9.3	13.3	14.1	11.9	10.5	12.3
Corporations: U.S	343.1	343.3	34.4	31.5	31.3	23.8	29.4	29.5	25.8	25.7	30.1
Foreign [1]	83.8	176.4	19.9	19.2	19.3	14.8	18.2	21.0	19.2	19.6	23.6
U.S. Government	14.9	16.1	1.8	1.5	1.2	.9	1.0	1.1	1.0	1.0	1.2
Designs	30.2	38.1	4.6	3.9	3.9	3.1	3.9	4.7	4.9	4.6	4.9
Botanical plants	1.0	1.6	.2	.2	.2	.1	.1	.2	.2	.2	.2
Reissues	2.1	3.4	.4	.4	.4	.3	.3	.4	.3	.4	.3
Published applications [2]	.6	1.3	.1	.1	.1	.1	(Z)	.1	(Z)	(Z)	(Z)
Foreign country residents [3]	124.3	237.3	26.1	23.9	25.1	18.2	24.7	26.5	24.0	25.4	30.5
Certificates of trademarks issued	**235.1**	**309.0**	**33.1**	**31.9**	**35.1**	**25.9**	**24.7**	**48.6**	**48.4**	**52.2**	**60.6**
Trademarks	196.1	250.6	26.3	25.9	29.6	20.5	18.9	42.7	42.4	46.8	55.5
Trademark renewals	39.0	58.4	6.8	6.1	5.5	5.4	5.9	5.9	6.0	5.5	5.1

Z Less than 50. [1] Includes patents to foreign governments. [2] Abstracts of technical disclosure of patent published at request of applicant or owner. The current practice, called "Defensive Publications," began in Nov. 1968.
[3] Includes patent inventions and patents for designs, botanical plants and reissues.

Source: U.S. Patent and Trademark Office. Fiscal-year figures are published in the *Commissioner of Patents and Trademarks*

Figure 19.1

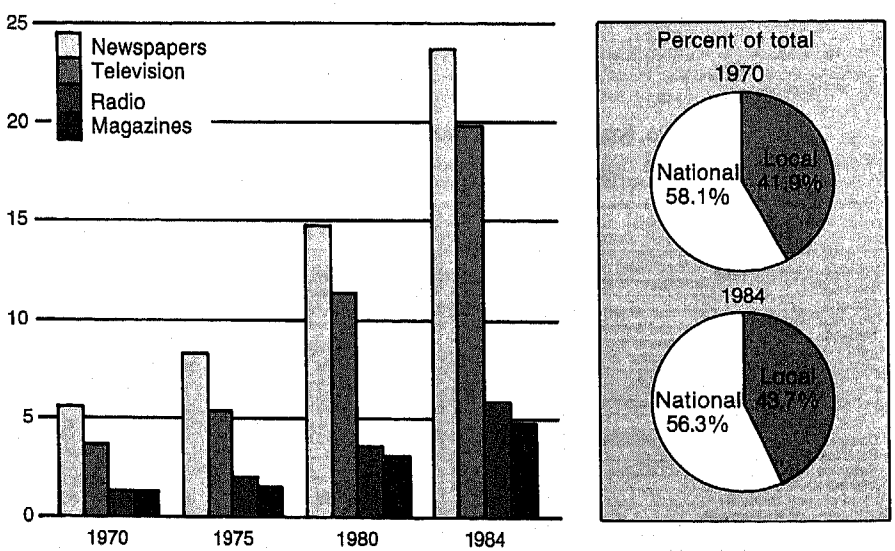
Cable TV — Average Subscribers, Average Monthly Rate and Revenue: 1970 to 1984



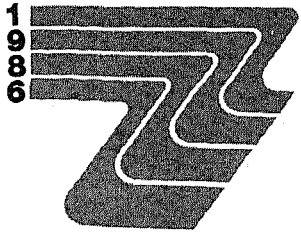
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 939.

Figure 19.2

Advertising Expenditures by Selected Media: 1970 to 1984



Source: Chart prepared by U.S. Bureau of Census. For data, see table 950.



Section 19

Communications

This section presents statistics on the usage, finances, and operations of the Postal Service and of the various communications media: Telephone, telegraph, radio, television, newspapers and periodicals. Expenditures data for advertising in the media are also included.

Postal Service.—The Postal Service provides mail processing and delivery services within the United States. The Postal Reorganization Act of 1970 created the Postal Service, effective July 1971, as an independent establishment of the Federal Executive Branch; it also placed restrictions on the private delivery of mail.

"Revenue and cost analysis" is the term used by the Postal Service to describe its system of attributing revenues and costs to classes of mail and service. This system draws primarily upon probability sampling techniques to develop estimates of revenues, volumes, and weights, as well as costs by class of mail and special service. The costs attributed to classes of mail and special services are primarily incremental costs which vary in response to changes in volume; they account for roughly 60 percent of the total costs of the Postal Service. The balance represents "institutional costs" which includes funds for research and development, portions of personnel and office supplies, etc. Statistics on revenues, volume of mail, and distribution of expenditures are presented in the Postal Service's annual report, *Revenue and Cost Analysis,* and its *Annual Report of the Postmaster General.*

Communication media.—The Federal Communications Commission (FCC), established in 1934, regulates wire and radio communications and licenses radio and television stations. Only the largest carriers and controlling companies file annual or monthly financial reports. Jurisdiction of the FCC applies to domestic and overseas telegraph carriers and to the Communications Satellite Corporation (Comsat), but not to a large number of telephone carriers that are engaged in intrastate service. The gross operating revenues of the telephone carriers reporting annually to the FCC, however, are estimated to cover about 90 percent of the revenues of *all U.S. telephone companies.*

Reports filed by the broadcasting industry cover substantially all radio and television stations operating in the United States and its outlying areas. Statistics covering the private radio services represent the largest and most diverse group of licensees regulated by the FCC. These services primarily provide two-way radio communication for emergency and business purposes in the aviation, marine, land transportation, and other industries; police, fire, and other public safety programs; and amateur and personal operations. Principal sources of wire, radio, and television data are the FCC's *Annual Report,* and its annual *Statistics of Communications Common Carriers.*

Statistics on the printed media are available from the U.S. Bureau of the Census, as well as from various private agencies. The censuses of manufactures (conducted by the Census Bureau every five years, for the years ending in "2" and "7") provide statistics on the number and circulation of newspapers and periodicals and on sales of books and pamphlets. Editor & Publisher Co., Inc., New York, presents annual data on the number and circulation of daily and Sunday newspapers in its *International Year Book.* Monthly data on new books and new editions appear in *Publishers Weekly,* issued by R. R. Bowker Company, New York. (See table 387 for annual data.)

Advertising.—The statistics on advertising expenditures are compiled primarily by private organizations. McCann-Erickson, Inc., which compiles certain of the data shown *(see tables 948–950),* defines national advertising as the advertising done for companies whose products are distributed nationally, and for which national media rates are paid. Local advertising is defined as the advertising done for companies which market their products locally and which may pay special "local" media rates. Spot advertising is considered time bought by a national advertiser on a selective market basis. Monthly index figures of advertising in certain media are also published periodically by McCann-Erickson in *Advertising Age.*

The Broadcast Advertisers Reports (see tables 952–954) distinguished between spot and local advertising primarily on the basis of the type of advertiser to whom the time is sold, rather than how and by whom it is sold. In general, time purchased on behalf of retail or service establishments in the market is considered local, even though the establishments may be part of a national or regional chain. That is, spot advertising promotes a product, while local advertising promotes a given es-

tablishment. Network advertising, mutually exclusive of spot and local, is broadcast through the network system.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 918. U.S. Postal Service—Summary: 1900 to 1983

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 537. See also *Historical Statistics, Colonial Times to 1970,* series R 163–171]

Year	Number of post offices	Finances [1]			Revenue per capita [2] (dol.)	Sales of stamps and stamped paper (mil. dol.)	Postage paid under permit and meter (mil. dol.)	Money orders issued, total (mil. dol.)	Pieces of mail handled (est.)			
		Revenues (mil. dol.)	Expenditures [2] (mil. dol.)	Deficit (mil. dol.)					Total [4] (bil.)	First-class [5]		Second-class [6] (bil.)
										Number (bil.)	Percent	
1900	76,688	102	108	5	1.34	94	([7])	256	7.1	(NA)	(NA)	(NA)
1910	59,580	224	230	6	2.43	202	4	638	14.9	(NA)	(NA)	(NA)
1920	52,641	437	454	17	4.11	380	13	1,356	(NA)	(NA)	(NA)	(NA)
1930	49,063	705	804	98	5.75	575	74	1,767	27.9	16.9	60.6	5.0
1940	44,024	767	808	41	5.84	522	177	2,108	27.7	15.2	54.9	4.8
1950	41,464	1,677	2,223	545	11.14	862	678	[8] 5,138	45.1	24.5	54.3	6.3
1955	38,316	2,349	2,712	363	14.33	999	1,136	5,883	55.2	28.7	52.0	6.7
1960	35,238	3,277	3,874	597	18.27	1,245	1,699	5,058	63.7	33.2	52.1	7.5
1965	33,624	4,483	5,276	793	23.17	1,528	2,529	4,540	71.9	38.1	53.0	8.6
1970	32,002	7,702	7,867	165	31.05	1,936	3,883	4,709	84.9	48.6	57.2	9.4
1971	31,947	8,751	8,955	204	32.24	1,999	4,126	4,728	87.0	50.0	57.5	9.6
1972	31,686	9,347	9,522	175	37.89	2,371	4,861	4,731	87.2	48.9	56.1	9.5
1973	31,385	9,913	9,926	13	39.77	2,399	5,141	4,700	89.7	51.0	56.9	9.0
1974	31,000	10,857	11,295	438	42.85	2,504	5,623	5,194	90.1	51.6	57.3	8.8
1975	30,754	11,590	12,578	988	47.08	2,819	6,241	5,856	89.3	51.4	57.6	9.1
1976	30,521	12,747	13,923	1,176	52.21	3,155	6,883	6,243	89.8	52.1	58.0	8.9
1976, TQ [9]	30,521	3,402	3,387	[10] 15	14.11	815	1,895	1,639	21.5	12.5	58.1	2.1
1977	30,521	14,622	15,310	688	60.18	3,658	7,951	5,636	92.2	53.7	58.2	8.7
1978	30,518	15,841	16,220	379	64.91	3,943	8,668	5,587	98.9	56.0	57.8	8.7
1979	30,449	17,999	17,529	[10] 470	73.37	4,382	10,062	5,631	99.8	58.0	58.1	8.4
1980	30,326	19,106	19,412	306	77.32	4,287	10,828	6,112	106.3	60.3	56.7	8.4
1981	30,242	20,781	21,369	588	83.62	4,625	11,891	6,692	110.1	61.5	55.8	10.0
1982	30,155	23,628	22,826	[10] 802	97.83	5,559	13,984	6,920	114.0	62.3	54.5	9.5
1983	29,990	24,699	24,083	[10] 616	101.08	5,709	14,755	7,355	119.4	64.3	53.8	9.2

NA Not available. [1] After allowance for reimbursements, embossed envelope purchases, indemnity claims, and miscellaneous revenue and expenditure offsets. Through 1950, includes some payments and receipts applicable to services in prior years; beginning 1955, expenditures are shown in year in which obligation was incurred, and revenues in year which gave rise to the earnings, whether collected or accrued. In 1954, the Postal Service began receiving reimbursement for penalty and franked mail, and discontinued payment of subsidies to airlines. Revenues for 1960 include $37.4 million reimbursement from the Treasury General Fund for statutory public services. These and other changes affect comparability of figures. See also footnote 3, table 919. [2] Includes capital expenditures for plant and equipment and cost of materials and supplies, but no provision for depreciation. Also includes costs of certain services rendered to other agencies without reimbursement but excludes costs of certain services rendered to the Postal Service by other agencies. Beginning 1955, represents obligations incurred; beginning 1965, represents accrued expenses, including depreciation on fixed assets, reimbursable work for others, and expenses paid by certain other agencies without reimbursement by the Postal Service. [3] Operating revenue only; based on Bureau of the Census estimated total population as of Jan. 1, including Armed Forces abroad. [4] Includes other classes of mail not shown separately. See table 921. [5] Items mailed at 1st-class rates and weighing 12 ounces or less. Beginning 1977, includes air mail which was discontinued as a separate class of mail. Includes items wholly or partially in writing or typewriting, cards or bills and statements of account, items closed against postal inspection, etc. [6] Includes mail paid at other than bulk rates. [7] Service not inaugurated. [8] Includes postal notes issued under act of Congress. [9] Transition quarter, July–Sept. [10] Net income.

Source: U.S. Postal Service, *Annual Report of the Postmaster General.*

No. 925. U.S. Postal Service Revenues: 1960 to 1984

[In millions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 541]

ITEM	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total revenue [1]	[2] 3,277	7,702	11,590	14,622	15,841	17,999	19,106	20,781	23,628	24,699	26,474
SOURCE											
Operating postal revenue [3]	3,270	6,347	10,015	12,998	14,133	16,106	17,143	19,133	22,600	23,582	25,314
Stamps, postal cards, etc	1,245	1,936	2,619	3,658	3,943	4,382	4,287	4,625	5,559	5,709	6,023
Second-class postage paid in money (pound rates) [4]	86	192	284	427	551	755	881	911	996	991	1,056
Other postage paid under permit and meter	1,699	3,883	6,241	7,951	8,668	10,062	10,828	11,891	13,984	14,755	16,067
Box rents	29	44	67	109	124	153	160	168	168	202	188
Miscellaneous	[5] 147	236	556	748	758	663	892	1,427	1,771	1,801	1,847
Money-order revenues	64	56	53	105	89	91	95	111	122	124	132
Government appropriations	–	1,355	1,533	1,712	1,722	1,720	1,610	1,275	707	789	879
Percent of total revenue	–	17.6	13.2	11.7	10.9	9.6	8.4	6.1	3.0	3.2	3.3
Investment income, net	–	–	37	[6] –88	[6] –14	173	353	373	321	328	282
MAIL AND SERVICE											
First-class mail [7]	1,510	3,291	5,798	7,891	8,575	9,733	10,146	11,457	13,747	14,255	15,216
Priority mail [8]	–	282	411	468	497	561	612	758	823	849	928
Second-class publishers' mail [9]	89	190	277	416	539	739	864	885	961	958	1,025
Third-class mail [10]	441	827	1,348	1,748	1,987	2,216	2,412	2,643	3,303	3,677	4,241
Bulk rate	(NA)	(NA)	1,167	1,508	1,745	1,967	2,168	2,405	3,092	3,482	4,039
Single piece rate and fees	(NA)	(NA)	181	240	242	249	244	238	211	195	202
Fourth-class mail [11]	607	778	718	769	673	747	805	786	788	753	774
Zone rate mail (parcels, catalogs, etc.)	(NA)	(NA)	577	594	460	484	500	499	507	500	519
Special fourth-class rate	(NA)	(NA)	130	148	187	237	272	251	237	206	210
Library rate and fees	(NA)	(NA)	11	28	27	27	33	36	44	47	45
Government mail [12]	86	199	484	611	626	678	745	761	918	913	901
International mail [13]	102	270	390	493	499	*550*	*596*	*735*	*882*	*874*	*859*
Special services	184	236	251	417	439	506	518	823	823	866	868
Express mail	(X)	(X)	(X)	(X)	89	134	184	270	339	422	490
Mailgrams	(X)	(X)	(X)	(X)	11	15	15	16	16	14	13
Other [14]	258	1,629	1,913	1,869	1,905	2,120	2,205	1,647	1,028	1,118	1,159

– Represents zero. NA Not available. X Not applicable. [1] Net revenue after refunds of postage. Beginning 1970, includes operating reimbursements. [2] Includes small amounts for Postal Savings System. [3] The U.S. Postal Service was established July 1, 1971. Revenues prior to that date are those of the Post Office Department. Revenues for 1970 have been restated to be consistent with subsequent years. See also footnote 1, table 924.
[4] Includes controlled circulation publications. [5] Includes $37.4 million appropriated to postal revenues for public services as provided by the Postal Policy Act of 1958. [6] Interest expense on loans exceeded interest income received from investments. [7] See footnote 5, table 924. [8] Items otherwise qualified as 1st-class or airmail that exceed 12 ounces and 8 ounces, respectively. [9] Includes mail paid at other than bulk rates. Publishers' mail includes printed publications periodically issued and mailed at a known post office to paid subscribers. These include regular rate newspapers and magazines, and classroom and nonprofit rate publications. Outside-the-county publications are those mailed to destinations outside the county of publication. In addition, includes publications of at least 24 pages and containing at least 25 percent nonadvertising content issued quarterly or more frequently for mainly free distribution. This latter group, formerly known as "controlled circulation publications" was discontinued as a separate class of mail in March 1982. [10] Items less than 16 ounces in weight not mailed at either 1st- or 2d-class rates.
[11] Items not mailed at 1st-, 2d-, or 3d-class rates, except government and international mail. May include parcel post, catalogs weighing 16 ounces or more, books, films, and records. [12] Penalty and franked mail. [13] Mail from U.S. to foreign countries paid at international mail rates. [14] Consists of unassignable revenues; includes domestic airmail until 1976.

No. 926. U.S. Postal Service Employees, by Type: 1960 to 1984

[In thousands, except as indicated. As of June 30 except, beginning 1978, as of Sept. 30. Includes Puerto Rico, and all outlying areas except Canal Zone. See *Historical Statistics, Colonial Times to 1970*, series R 187, for total employees]

ITEM	1960	1970	1975	1976	1979	1980	1981	1982	1983	1984
Total employees	563	741	702	656	663	667	670	675	679	702
Regular	409	549	559	526	534	536	544	547	547	561
Postmasters	35	30	30	28	28	29	29	29	28	28
Office supervisors and tech. personnel	27	37	37	37	36	36	37	38	39	43
Office clerks and mail handlers [1]	17	243	239	226	230	229	232	232	229	237
City carriers and vehicle drivers	110	165	167	156	160	160	164	165	166	171
Rural carriers	31	31	31	31	32	33	33	34	34	35
Other	34	42	55	47	48	49	49	49	51	47
Substitute (part-time)	154	193	143	130	129	130	126	128	132	141
Compensation and employee benefits (mil. dol.)	2,953	6,462	10,805	14,031	15,162	16,541	18,018	19,094	20,070	22,157
Avg. salary per employee, (dol.) [2]	5,245	8,721	15,392	21,389	22,869	24,799	26,893	28,283	29,565	31,562
Pieces of mail per employee, average	113	115	127	148	151	159	164	169	176	187

[1] Includes mobile unit employees. [2] Includes fringe benefits.

Source of tables 925 and 926: U.S. Postal Service, *Annual Report of the Postmaster General.*

NO. 927. U.S. POSTAL SERVICE—VOLUME OF MAIL, BY CLASS: 1970 TO 1984

[**In millions, except per capita.** For years ending **June 30** except, beginning **1980,** ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. For definition of classes of mail, see footnotes, table 925. See also *Historical Statistics, Colonial Times to 1970,* series R 172-186]

CLASS OF MAIL	PIECES OF MAIL					WEIGHT OF MAIL (lb.)				
	1970	1975	1980	1983	1984	1970	1975	1980	1983	1984
Total	**84,882**	**89,266**	**106,311**	**119,381**	**131,545**	**13,281**	**12,025**	**12,958**	**14,644**	**16,022**
Domestic	83,986	88,334	105,348	118,477	130,650	13,055	11,824	12,742	14,414	15,790
1st class and airmail [1]	50,174	52,482	60,332	64,320	68,507	1,636	1,746	2,213	2,451	2,657
Priority mail	185	207	248	271	293	371	440	591	588	656
2d class [2]	9,914	9,713	10,221	9,220	9,522	3,641	3,024	3,478	3,526	3,852
3d class	19,974	21,867	30,381	40,735	48,249	2,032	2,283	3,240	5,062	5,787
4th class	977	801	633	568	599	4,786	3,754	2,661	2,248	2,289
Penalty	2,544	2,928	2,992	2,775	2,523	540	527	503	487	500
Franked and free for blind	218	336	540	588	956	49	50	56	52	49
International	896	932	963	904	895	226	201	216	230	232
Per capita: [3]										
Total, all domestic mail [4]	412	415	475	508	556	64	56	57	62	67
1st class and airmail	246	247	272	276	275	8	8	10	11	11
2d class [2]	48	45	45	39	40	18	14	15	15	16
3d class	98	103	137	175	205	10	11	15	22	25
4th class	5	4	3	2	3	23	18	12	10	10

[1] Beginning 1980, includes express mail established as a class of mail on October 9, 1977, and mailgrams. [2] See footnote 9, table 925. [3] Based on estimated total population as of Jan. 1, including Armed Forces abroad. [4] Includes types of mail not shown separately.

Source: U.S. Postal Service, *Annual Report of the Postmaster General.*

NO. 928. U.S. POSTAL SERVICE RATES FOR LETTERS AND POST CARDS: 1958 TO 1985

[See also *Historical Statistics, Colonial Times to 1970,* series R 188-191]

DATE OF RATE CHANGE	SURFACE MAIL				Domestic air-mail letters [1]	DATE OF RATE CHANGE	SURFACE MAIL				Domestic air-mail letters	Express mail [2]
	Letters			Postal and post cards			Letters			Postal and post cards		
	Each ounce	First ounce	Each added ounce				Each ounce	First ounce	Each added ounce			
1958 (Aug. 1)	4¢	(X)	(X)	3¢	7¢	1975 (Sept. 14)	(X)	10¢	9¢	7¢	(X)	(X)
1963 (Jan. 7)	5¢	(X)	(X)	4¢	8¢	1975 (Dec. 31)	[3] (X)	[3] 13¢	[3] 11¢	[3] 9¢	[4]	(X)
1968 (Jan. 7)	6¢	(X)	(X)	5¢	10¢	1978 (May 29)	(X)	15¢	13¢	10¢	[5]	(X)
1971 (May 16)	8¢	(X)	(X)	6¢	11¢	1981 (Mar. 22)	(X)	18¢	17¢	12¢	[5]	(X)
1974 (Mar. 2)	10¢	(X)	(X)	8¢	13¢	1981 (Nov. 1)	(X)	20¢	17¢	13¢	[5]	$9.35
						1985 (Feb.17)	(X)	22¢	17¢	14¢	[5]	$10.75

X Not applicable. [1] Each ounce, except as noted. [2] Post office to addressee rates. Rates shown are for weights up to 2 pounds, all zones. Beginning Feb. 17, 1985, for weights between 2 and 5 lbs, $12.85 is charged. Prior to Nov. 1, 1981, rate varied by weight and distances. Over 5 pounds still varies by distance. [3] As of October 11, 1975, surface mail service upgraded to level of airmail. [4] 17¢ for first ounce; 15¢ for each added ounce. [5] As of May 1, 1977, domestic airmail service, as a separate class of mail, was discontinued.

Source: U.S. Postal Service, "United States Domestic Postage Rates: Recent History," and unpublished data.

NO. 929. INTERNATIONAL AIR MAIL RATES FROM THE U.S.: 1961 TO 1985

[Excludes Canada and Mexico]

DATE OF RATE CHANGE	ZONE 1 [1]		ZONE 2 [2]		ZONE 3 [3]		Postal and post cards	Aerogrammes
	Each ½ ounce up to two ounces	Each added ½ ounce	Each ½ ounce up to two ounces	Each added ½ ounce	Each ½ ounce up to two ounces	Each added ½ ounce		
July 1, 1961	.13	.13	.15	.15	.25	.25	.11	.11
May 1, 1967	.15	.15	.20	.20	.25	.25	.13	.13
July 1, 1971	.17	.17	.21	.21	.21	.21	.13	.13
Mar. 2, 1974	.21	.17	.26	.21	.26	.21	.18	.18
Jan. 3, 1976	.25	.21	.31	.26	.31	.26	.21	.22
Jan. 1, 1981	.35	[4].30	.40	[5].35	.40	[5].35	.28	.30
Feb. 17, 1985	.39	[6].33	.44	[7].39	.44	[7].39	.33	.36

[1] Caribbean, Central and South America. The airmail letter rate to South America, 1961 to 1967, was the same as that to Europe. Beginning January 3, 1976, the airmail letter rate to all South American countries except Colombia and Venezuela is the same as Europe; Colombia and Venezuela are included in the first zone. [2] Europe and Mediterranean Africa. [3] Rest of world. [4] Up to 32 oz.; 30 cents per additional ounce over 32. [5] Up to 32 oz.; 35 cents per additional ounce over 32. [6] Up to 32 oz.; 33 cents per additional ounce over 32. [7] Up to 32 oz.; 39 cents per additional ounce over 32.

Source: U.S. Postal Service, unpublished data.

No. 930. Utilization of Selected Media: 1950 to 1985

ITEM	Unit	1950	1960	1965	1970	1975	1980	1981	1982	1983	1984	1985
Households with —												
Telephone service [1]	Percent	62	79	85	91	93	96	97	(NA)	(NA)	(NA)	(NA)
Radio sets [2]	*Percent*	*92.6*	*96.3*	*98.6*	*98.6*	*98.6*	*99.0*	*99.0*	*99.0*	*99.0*	*99.0*	*99.0*
Average number of sets	Number	2.1	3.7	4.1	5.1	5.6	5.5	5.5	5.5	5.5	5.5	5.5
Television sets [3]	Million	3.9	45.8	52.7	58.5	68.5	76.3	79.9	81.5	83.3	83.8	84.9
Television sets [3]	Percent	9	87	93	95	97	98	98	98	98	98	98
Color set households	Millions	–	.3	2.6	20.9	46.9	63.4	66.3	71.4	73.9	75.8	77.7
Average viewing per day [4]	Hours	4.6	5.1	5.5	5.9	6.1	6.6	6.8	6.8	7.0	7.1	(NA)
Average number of sets [5]	Number	*1.01*	*1.13*	*1.22*	*1.39*	*1.54*	*1.68*	*1.70*	*1.75*	*1.79*	*1.78*	*1.83*
Commercial radio stations: [2]												
AM	Number	2,232	3,539	4,034	4,323	4,463	4,589	4,634	4,668	4,733	4,754	(NA)
FM	Number	676	815	1,408	2,196	2,767	3,282	3,349	3,380	3,527	3,716	(NA)
Television stations: [6] Total	Number	98	559	668	862	953	1,011	1,038	1,065	1,106	1,138	1,182
Commercial	Number	(NA)	515	569	677	706	734	756	777	813	841	883
Cable television: [6]												
Systems	Number	[7] 70	640	1,325	2,490	3,506	4,225	4,375	4,825	5,600	6,200	6,600
Subscribers served	Millions	[7] .01	.65	1.3	4.5	9.8	15.5	18.3	21.0	25.0	30.0	32.0
Daily newspaper circulation: [8]												
Number	Millions	53.8	58.9	60.4	62.1	60.7	62.2	61.4	62.5	62.6	63.1	(NA)
Per capita [9]	Number	.354	.327	.312	.305	.282	.275	.268	.270	.268	.267	(NA)

– Represents zero. NA Not available. [1] As of Dec. 31. Source: American Telephone and Telegraph Company, New York, NY, unpublished data. [2] As of Dec. 31, except as noted. Source: Radio Advertising Bureau, New York, NY, *Radio Facts*, annual (copyright). Number of stations on the air compiled from Federal Communications Commission reports. [3] Except as noted, 1970–1975, as of Sept. of prior year; all other years as of Jan. of year shown. Source: Except as noted, 1950–1965, National Broadcasting Company, New York, NY, thereafter, A.C. Nielsen Company, Northbrook, IL (copyright). [4] Calendar year data. *Source: A.C Nielsen Company, Northbrook, IL (copyright).* [5] *1970 and 1975, as of Sept; all other years, as of Jan.* Excludes Alaska and Hawaii. Source: Television Bureau of Advertising, Inc. New York, NY, "Trends in Television 1950 to Date", March 1985. [6] As of Jan. 1. Source: Television Digest, Inc., Washington, DC, *Television and Cable Factbook*, annual (copyright). Number of television stations on the air. [7] Data for 1952. [8] As of Sept. 30, except 1950–1965, as of Oct. 1. Source: Editor & Publisher, Inc., New York, NY, *Editor & Publisher International Year Book*, annual (copyright). [9] Per capita based on total resident population enumerated as of April 1, 1970 and 1980, and estimated as of July 1 for other years.

Source: Compiled from sources listed in footnotes.

No. 931. Telephone and Telegraph Systems: 1950 to 1983

[Covers principal carriers filing annual reports with Federal Communications Commission. See *Historical Statistics, Colonial Times to 1970*, series R 46–70 and R 75–88, for data on telegraph systems]

ITEM	Unit	1950	1960	1965	1970	1975	1979	1980	1981	1982	1983
Domestic telephone: [1]											
Carriers	Number	71	52	54	56	62	61	59	60	61	62
Telephones [2]	Million	39	66	82	105	130	153	157	158	151	(NA)
Miles of wire	Million	147	316	436	628	872	1,081	1,131	1,188	1,223	1,260
Gross book cost of plant	Bil. dol.	10.7	25.7	38.0	59.9	95.5	134.9	147.4	161.5	174.0	184.2
Depreciation reserves [3]	Bil. dol.	3.0	5.6	8.1	13.2	18.8	24.9	26.5	30.0	34.0	39.7
Ratio to book cost	Percent	*27.8*	*21.7*	*21.4*	*22.1*	*19.7*	*18.5*	*18.0*	*18.6*	*19.6*	*21.5*
Capital stock and premiums	Bil. dol.	3.8	10.7	14.9	16.4	21.6	28.8	31.3	34.5	38.8	43.4
Operating revenues	Bil. dol.	3.4	8.4	11.8	18.2	31.3	49.8	55.6	63.7	70.7	75.0
Operating expenses [4]	Bil. dol.	2.5	5.0	7.1	11.7	20.2	33.0	37.3	42.8	49.1	50.9
Net operating income [5]	Bil. dol.	.5	1.4	2.1	3.1	5.6	8.9	10.0	11.4	11.4	12.4
Net income	Bil. dol.	.4	1.3	1.9	2.3	3.6	6.0	6.6	7.5	7.3	7.6
Employees	*1,000*	*565*	*627*	*655*	*839*	*840*	*928*	*938*	*945*	*909*	*858*
Compensation of employees	Bil. dol.	1.8	3.4	4.3	7.0	11.7	18.4	20.2	22.2	24.8	25.1
Overseas telephone:											
Number of overseas calls	Million	.7	3.3	7.5	23.4	62.2	168.3	199.6	265.5	310.8	369.5
Revenue from overseas calls	Mil. dol.	9	16	101	252	562	1,106	1,535	1,654	1,461	1,697
Ocean cable systems	Number	1	5	13	17	21	22	24	24	24	26
Communications satellites [6]	*Number*	–	–	*1*	*4*	*5*	*5*	*5*	*5*	*6*	*6*
Domestic telegraph:											
Carriers	Number	1	1	1	1	1	1	1	1	1	1
Revenue messages transmitted	Million	179	124	94	70	42	55	55	56	50	42
Message revenues [7]	Mil. dol.	152	190	192	234	197	271	296	320	320	316
Total operating revenues	Mil. dol.	178	262	306	402	505	636	697	779	809	722
Operating revenue deductions	Mil. dol.	167	247	282	368	435	561	603	669	726	654
Operating income [8]	Mil. dol.	9	11	24	34	70	75	94	110	84	68
Teletypewriter messages	Million	15	33	47	46	54	59	68	63	(NA)	(NA)
Overseas telegraph: [9]											
Carriers	Number	11	9	6	6	6	7	7	7	7	6
Revenue messages transmitted	Million	23	28	29	32	26	21	20	18	15	11
Message revenues [7]	Mil. dol.	42	71	78	124	217	355	380	405	411	395
Total operating revenues	Mil. dol.	50	87	107	194	316	497	535	578	613	616
Operating revenue deductions	Mil. dol.	45	77	87	156	245	362	405	468	532	560
Operating income [8]	Mil. dol.	4	6	14	26	48	85	79	70	58	47
Return on investment: [10]											
Telephone	Percent	6.1	7.3	7.3	7.1	7.6	8.5	8.7	9.0	8.4	8.7
Domestic telegraph	Percent	*5.1*	*5.0*	*5.6*	*5.0*	6.1	5.5	6.6	7.4	5.3	3.9
Overseas telegraph	Percent	7.3	7.2	11.0	10.6	12.0	17.9	15.9	12.5	9.1	6.8

– Represents zero. NA Not available. [1] Includes Puerto Rico and, beginning 1965, Virgin Islands. Excludes intercompany duplications. Gross operating revenues of carriers reporting since 1970 estimated at 90 percent of all carriers. [2] Includes company, service, and private. [3] Includes amortization reserves. [4] Excludes taxes. [5] After tax deductions. [6] Excludes contingency and retired satellites. [7] *Includes telex service; for domestic telegraph, excludes TWX.* [8] *After Federal income* taxes. [9] Beginning 1965, excludes South American and most Caribbean operations of All America Cables and Radio, Inc. [10] Ratio of net operating income (after taxes) to average net book cost of communications plant.

Source: U.S. Federal Communications Commission, *Statistics of Communications Common Carriers*, annual, and unpublished data.

No. 932. Bell Telephone Companies—Summary: 1960 to 1983

[As of Dec. 31 or for calendar year, as applicable. Comprises American Telephone and Telegraph Company and its principal telephone subsidiaries, plus Southern New England and Cincinnati Bell Telephone Companies. See also *Historical Statistics, Colonial Times to 1970*, series R 17-30]

ITEM	Unit	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983
Central offices [1]	1,000	11.2	15.1	17.2	17.8	18.1	18.7	19.2	19.7	20.2	20.8
Miles of—											
Wire	Million	308	602	832	910	962	1,018	1,068	1,113	1,152	1,181
Coaxial tube	1,000	97	287	333	337	331	332	334	330	308	326
Telephone grade carrier channel [2]	Million	76	414	645	715	758	854	979	1,094	1,145	(NA)
Microwave radio relay [3]	1,000	298	1,181	1,389	1,407	1,402	1,402	1,470	1,706	1,546	(NA)
Book value of plant (cost)	Bil. dol	24.7	56.2	89.2	103.6	113.0	123.9	135.5	148.5	159.7	167.8
Depreciation reserves [4]	Bil. dol	5.4	12.6	17.6	19.9	21.2	22.6	24.0	27.2	30.8	35.5
Operating revenues [5]	Bil. dol	8.1	17.4	29.6	37.3	42.0	46.4	51.9	59.4	65.7	69.3
Local exchange	Bil. dol	4.7	8.7	14.4	17.5	19.2	20.8	23.0	26.3	29.6	31.0
Toll	Bil. dol	3.1	8.0	14.2	18.5	21.2	23.8	26.7	30.9	33.9	35.4
Operating expenses [6]	Bil. dol	5.6	12.9	22.2	27.7	31.0	34.9	39.3	45.0	51.4	47.2
Net income	Bil. dol	1.3	2.3	3.3	4.7	5.6	5.6	6.1	6.9	6.6	6.8
Dividends declared [7]	Bil. dol	.8	1.5	2.2	2.9	3.3	3.8	4.0	4.5	4.9	5.8
Net income [8]	Bil. dol	1.2	2.2	2.9	4.3	5.1	5.5	5.9	6.7	6.4	6.4
Average common equity	Bil. dol	12.1	23.9	29.6	35.3	39.0	42.6	46.7	52.1	57.5	[9]65.3
Return to average common equity	Ratio	10.0	9.2	9.7	12.2	13.1	12.9	12.7	12.9	12.2	[9]8.6
Employees, number	1,000	595	793	789	785	823	855	868	874	840	788
Wages and salaries	Bil. dol	3.3	6.6	11.1	13.4	15.1	17.3	19.3	21.5	23.2	23.4

NA Not available. [1] 1960 not fully comparable with later years. [2] Message circuits added to existing wire mileage, but not requiring additional wire. Also includes microwave radio. [3] Broadband, 1-way channel. [4] Includes amortization reserves. [5] Includes miscellaneous and uncollectible, not shown separately. [6] Includes operating taxes other than Federal income tax. [7] Excludes intercompany dividends. [8] Beginning 1975, applicable to ATT common (excludes preferred dividend requirement). [9] Before extraordinary charge due to divestiture.

Source: American Telephone and Telegraph Company, New York, NY, unpublished data compiled from reports of Bell System and Southern New England and Cincinnati Bell Companies.

No. 933. Telephone Companies—Summary: 1970 to 1984

[As of **Dec. 31** or **calendar year**, as applicable. See also *Historical Statistics, Colonial Times to 1970*, series R 31-45]

ITEM	Unit	INDEPENDENT COMPANIES [1]							1984		
		1970	1975	1979	1980	1981	1982	1983	Independent [1]	Bell Co.	Total [2]
All companies	**Number**	**1,841**	**1,618**	**1,488**	**1,483**	**1,459**	**1,432**	**1,429**	**1,416**	**24**	**1,440**
Telephones	1,000	20,312	26,823	33,226	34,665	35,341	(NA)	(NA)	(NA)	(NA)	(NA)
Access lines	1,000	(NA)	16,855	20,078	20,808	21,429	21,672	22,331	23,020	91,329	114,349
Total telephone plant	Mil. dol	12,390	21,200	31,644	35,300	38,298	41,500	44,500	45,850	147,929	193,779
Operating revenues	Mil. dol	2,953	5,500	9,240	10,475	12,206	13,880	14,875	16,000	57,868	73,868
Average daily conversations, total	1,000	109,279	146,000	183,000	192,000	201,100	201,800	209,200	210,000	989,220	1,199,220
Local calls	1,000	104,361	137,678	169,458	177,216	184,409	183,840	188,070	190,000	921,458	1,111,458
Toll calls	1,000	4,918	8,322	13,542	14,784	16,691	17,960	21,130	20,000	67,762	87,762
Reporting companies [3]	**Number**	**684**	**731**	**755**	**765**	**768**	**754**	**678**	**631**	**24**	**655**
Telephones	1,000	19,182	25,548	32,511	33,748	34,593	(NA)	(NA)	(NA)	(NA)	(NA)
Access lines	1,000	(NA)	(NA)	18,576	19,412	20,561	21,146	21,077	22,069	91,487	113,556
Telephone plant in service	Mil. dol	11,175	19,520	29,379	32,491	35,986	38,847	40,463	42,093	144,058	186,151
Depreciation reserves	Mil. dol	2,203	4,120	6,980	7,820	8,905	10,220	11,553	12,864	32,884	45,748
Operating revenues	Mil. dol	2,791	5,294	9,073	10,177	11,860	13,445	14,309	15,403	57,868	73,270
Operating expenses [4]	Mil. dol	1,953	3,639	6,415	7,279	8,449	10,699	11,432	12,305	47,483	59,788
Net income	Mil. dol	356	711	1,210	1,268	1,505	1,751	1,968	2,199	7,114	9,313
Common stock and surplus	Mil. dol	3,733	6,181	8,719	9,623	10,641	11,396	12,060	12,775	50,366	63,141
Net income to common stock and surplus	Percent	9.5	11.5	13.9	13.2	14.2	15.4	16.3	17.2	14.1	14.7
Employees	1,000	142	152	187	189	192	186	175	167	559	726
Wages and salaries	Mil. dol	1,001	1,737	3,015	3,373	3,775	4,069	4,223	4,429	17,683	22,112

NA Not available. [1] Companies independent of the Bell System, prior to divestiture of January 1984. [2] All telephone companies. [3] Comprises only companies submitting operating information to source cited below. [4] Excludes Federal income tax.

Source: United States Telephone Association, Washington, DC, *Statistics of the Telephone Industry*, annual. (Copyright.)

No. 934. REA and Rural Telephone Bank Program—Summary: 1960 to 1984

ITEM	Unit	1960	1970	1975	1979	1980	1981	1982	1983	1984
Loans and guarantees approved, Dec. 31: [1]										
Borrowers	Number	727	862	921	981	990	1,010	1,029	1,037	1,035
REA amount	Mil. dol	737	1,816	2,576	3,606	3,845	4,076	4,327	4,540	4,742
Guaranteed amount	Mil. dol	–	–	237	392	418	553	626	672	701
Rural Telephone Bank amount	Mil. dol	–	–	618	1,262	1,388	1,529	1,726	1,872	2,000
Route miles of line, [2] Dec. 31	1,000	287	547	653	772	798	805	831	847	868
Subscribers, Dec. 31	1,000	1,142	2,335	3,045	4,073	4,262	4,375	4,546	4,629	4,747
Telephones in service	1,000	1,280	2,989	4,355	6,335	6,770	6,953	7,147	(NA)	(NA)
Total operating revenues	Mil. dol	94	363	753	1,540	1,758	2,042	2,389	2,643	2,910
Total telephone plant	Mil. dol	635	2,085	3,850	6,558	7,388	8,034	8,897	9,532	10,195
Employees	1,000	9.7	15.4	20.0	27.9	28.4	28.7	28.8	28.9	28.7

– Represents zero. NA Not available. [1] Cumulative net loans (cancellations deducted). [2] Line in service.

Source: U.S. Rural Electrification Administration, *Statistical Report—Rural Telephone Borrowers*, annual.

No. 935. Broadcast and Nonbroadcast Stations Authorized and Operators Licensed, by Class: 1975 to 1984

[1975 as of June 30; thereafter, as of Sept. 30. Includes Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series R 140–148]

CLASS	1975	1980	1983
	STATIONS AUTHORIZED (1,000)		
Private radio services [1]	**2,602.4**	**[2] 16,357.3**	**[3] 2,293.3**
Amateur and disaster	276.8	389.9	413.2
General mobile	3.5	20.2	33.0
Aviation	184.4	231.6	245.3
Aircraft	154.7	196.8	208.0
Aeronautical and fixed	7.4	9.5	10.4
Civil air patrol	19.6	21.6	22.7
Other	2.7	3.7	4.2
Industrial	244.6	504.9	767.9
Power	17.5	23.1	31.4
Business	155.2	370.4	561.6
Petroleum	11.8	17.9	23.5
Forest products	4.3	6.4	9.1
Special industrial	40.7	72.1	110.2
Other	15.1	14.7	32.1
Land transportation	22.6	28.0	35.8
Railroad	8.9	10.0	12.4
Taxicab	3.7	4.8	6.1
Interurban property	2.2	3.1	4.1
Other	7.9	9.9	13.2
Marine	250.7	398.3	497.5
Ship	243.6	386.6	483.1
Alaskan	2.1	2.6	2.7
Coastal and other	5.0	9.1	11.7
Public safety	92.6	137.1	184.2
Police	28.8	42.3	41.1
Fire	14.0	20.6	34.9
Forestry conservation	6.2	7.6	8.8
Highway maintenance	7.7	9.7	11.9
Special emergency	12.4	22.4	35.5
Other	23.5	34.2	52.0
Operational fixed services [4]	(NA)	18.0	20.5

CLASS	1975	1980	1983
	STATIONS AUTHORIZED (number)		
Mass media services [5]	**32,829**	**38,438**	**(X)**
Cable TV relay service [6]	877	1,880	1,575
Commercial AM	4,488	4,689	4,936
Commercial TV	759	844	1,161
Educational TV	256	288	322
TV translator	3,389	4,636	5,921
Auxiliary TV	3,032	5,844	[7] 7,235
Experimental TV	3	5	[7] 9
UHF signal booster	9	6	[7] 6
Aural, studio-transmitter-link, intercity relay	1,008	2,144	[7] 2,782
Commercial FM	2,847	3,390	4,090
Educational FM	850	1,156	1,348
International	4	4	[7] 12
Remote pickup	14,959	12,796	[7] 12,038
Instructional TV, fixed	187	223	[7] 310
FM translator and boosters	161	533	1,435
Common carrier services	**27,357**	**27,565**	**(X)**
Point-to-point microwave	8,133	9,164	10,600
Multipoint distribution serv	69	215	396
Local TV transmission	64	66	74
Rural radio	1,218	1,692	[7] 1,715
Developmental radio	(NA)	93	[7] 135
Public mobile [8]	17,783	11,451	[7] 15,170
International control, fixed	25	7	7
Satellite earth stations [9]	48	4,873	[7] 7,013
Satellites in orbit [9] [10]	17	37	[7] 43
Other	(NA)	56	190
Experimental services	**1,349**	**1,513**	**634**
	RADIO OPERATORS (1,000)		
Total	**4,222**	**5,154**	**4,609**
Commercial	3,965	4,764	4,195
Amateur	257	390	413

NA Not available. X Not applicable. [1] Each license, construction permit, or combination construction permit and license is counted as one station; therefore, a station might include a transmitter and many mobile units. 1975 and 1980 include citizens band radios, no longer licensed. [2] Includes 89,096 stations for which a breakdown by class is not available. [3] Includes land mobile above 470 MHZ (95,988 in 1984) not shown separately. [4] Includes microwave operations. Prior to 1980, data not separable from other class categories. [5] Stations licensed or holding construction permits. [6] Licensed and operating cable systems. [7] 1982 data. Data no longer collected. [8] Beginning 1980, station count excludes individual land mobile units, which are no longer individually licensed. [9] Includes INTELSAT, INMARSAT and domestic satellite systems. [10] Includes retired and contingency satellites.

Source: U.S. Federal Communications Commission, *Annual Report*, and unpublished data.

No. 936. Public Television Stations: 1966 to 1984

[Based on a "typical" broadcast week through 1972; calendar year data for 1974 and 1976; fiscal year data thereafter. General programing is directed at the general community. Instructional programing is directed at students in the classroom or otherwise in the general context of formal education]

ITEM	1966	1968	1970	1972	1974	1976	1978	1980	1982	1984
Stations broadcasting	115	[1] 153	[1] 190	220	[2] 238	[3] 253	272	281	291	303
Total weekly broadcast hours	**5,688**	**[1] 8,534**	**[1] 12,217**	**15,587**	**18,321**	**22,096**	**26,064**	**27,643**	**30,337**	**32,293**
General programs	3,248	4,671	7,697	7,904	10,868	14,329	17,929	19,508	21,418	23,260
Percent of total hours	57.5	54.7	63.0	50.7	59.3	64.8	68.8	69.6	70.6	72.0
Instructional programs [4]	2,440	3,863	4,520	7,683	7,453	7,766	8,135	8,135	8,919	9,033
Average weekly broadcast hours per station	**49.5**	**56.1**	**65.3**	**70.9**	**80.7**	**90.9**	**95.8**	**99.8**	**104.3**	**106.6**
General programing	28.2	30.7	41.1	36.0	47.9	59.0	65.9	69.4	73.6	76.8
Instructional programing [4]	21.2	25.4	24.2	34.9	32.8	31.9	29.9	30.4	30.7	29.8

[1] 152 stations reported in 1968 and 187 in 1970; details include data for reporting stations only. [2] Includes data for 227 stations only, representing 147 primary broadcasters; does not include secondary broadcasters. [3] Includes data for 243 stations only, representing 151 primary broadcasters. [4] Beginning 1974, includes material from Children's Television Workshops.

Source: Through 1970, National Instructional Television Center, Bloomington, IN, *One Week of Educational Television, 1970* (copyright); 1972, Corporation for Public Broadcasting, *One Week of Public TV*, April 1972, and unpublished data; 1974–1984, Corporation for Public Broadcasting, *PTV Programming Content by Category Report Series*, and unpublished data.

No. 937. Public Broadcasting Systems—Income by Source: 1975 to 1984

[In millions of dollars, except as indicated. Fiscal year data for income. Beginning 1978, includes nonbroadcast income. Stations as of Dec. 31]

NUMBER OF STATIONS AND INCOME SOURCE	1975	1978	1979	1980	1981	1982	1983	1984, prel.	PERCENT DISTRIBUTION 1975	1980	1984, prel.
Number of CPB-qualified public radio stations	169	199	210	217	238	255	266	275	(x)	(x)	(x)
Public television stations	260	280	281	290	293	299	300	304	(x)	(x)	(x)
Total income	**364.8**	**552.3**	**603.5**	**704.9**	**768.9**	**845.2**	**899.2**	**971.0**	**100.0**	**100.0**	**100.0**
Federal government	92.3	160.8	163.2	192.5	193.7	197.6	163.7	166.6	25.3	27.3	17.2
State and local government [1]	156.6	218.2	245.5	271.6	277.5	301.0	318.3	331.5	42.9	38.5	34.1
Subscribers and auction/marathon	42.3	75.2	86.1	102.3	130.8	162.5	196.4	214.8	11.6	14.5	22.1
Business and industry	25.1	49.0	57.9	72.4	86.8	100.5	119.8	142.9	6.9	10.3	14.7
Foundation	28.7	17.2	20.4	23.5	19.3	22.1	24.9	27.4	7.9	3.3	2.8
Other	19.8	31.9	30.4	42.6	60.8	61.5	76.0	87.8	5.4	6.0	9.1

X Not applicable. [1] Includes income received from State colleges and universities, and, beginning 1979 from other tax supported colleges and universities.

Source: Corporation for Public Broadcasting, Washington, DC, *Public Broadcasting Income, Fiscal Year, 1984*, and unpublished data.

No. 938. Cable Television—Systems and Subscribers: 1952 to 1985

[Subscribers in thousands, except percent]

YEAR (As of Jan. 1)	Systems	Subscribers	YEAR (As of Jan. 1)	Systems	Subscribers	SUBSCRIBER SIZE-GROUP	Number of—[1] Systems	Number of—[1] Subscribers	Percent of—[1] Systems	Percent of—[1] Subscribers
1952	70	14	1974	3,158	8,700	**1985, total**	[2]6,844	31,275	[2]100.00	100.00
1955	400	150	1975	3,506	9,800	50,000 and over	94	6,585	1.37	21.06
1960	640	650	1976	3,681	10,800	20,000–49,999	286	8,570	4.18	27.41
1965	1,325	1,275	1977	3,832	11,900	10,000–19,999	425	5,937	6.21	18.98
1967	1,770	2,100	1978	3,875	13,000	5,000–9,999	590	4,179	8.62	13.36
1968	2,000	2,800	1979	4,150	14,100	3,500–4,999	397	1,663	5.81	5.32
1969	2,260	3,600	1980	4,225	16,000	1,000–3,499	1,605	3,075	23.45	9.83
1970	2,490	4,500	1981	4,375	18,300	500–999	1,055	758	15.41	2.42
1971	2,639	5,300	1982	4,825	21,000	250–499	996	361	14.55	1.15
1972	2,841	6,000	1983	5,600	25,000	Less than 250	998	146	14.58	.47
1973	2,991	7,300	1984	6,200	30,000					

[1] As of April 1, 1985. [2] Includes 398 systems not available by subscriber size-group.

Source: Television Digest, Inc., Washington, DC, *Television & Cable Factbook*, annual. (Copyright.)

No. 939. Cable and Pay TV—Summary, 1955 to 1984, and Projections, 1985 and 1990

[Cable TV for calendar year. Pay TV as of **Dec. 31** of year shown]

YEAR	CABLE TV: Avg. basic subscribers (1,000)	Avg. monthly basic rate (dol.)	Revenue [1] (mil. dol.) Total	Revenue [1] (mil. dol.) Basic	PAY TV: Units [2] (1,000) Total	Units [2] (1,000) Pay cable	Monthly rate (dol.) Total	Monthly rate (dol.) Pay-cable	Pay cable units per 1,000 Home passed	Pay cable units per 1,000 Basic cable subscribers
1955	250	5.00	20	20	(x)	(x)	(x)	(x)	(x)	(x)
1960	750	5.00	50	50	(x)	(x)	(x)	(x)	(x)	(x)
1965	1,500	5.00	95	95	(x)	(x)	(x)	(x)	(x)	(x)
1970	5,100	5.50	345	345	(x)	(x)	(x)	(x)	(x)	(x)
1975	9,800	6.50	804	774	469	469	(x)	7.85	111	236
1976	11,000	6.75	972	901	1,021	978	(NA)	7.87	106	223
1977	12,200	7.00	1,163	1,034	1,733	1,642	8.12	7.92	122	253
1978	13,400	7.25	1,424	1,176	3,580	3,289	8.62	8.09	179	350
1979	15,000	7.50	1,814	1,362	6,409	5,732	9.37	8.44	223	413
1980	17,500	7.75	2,436	1,647	10,369	9,144	9.78	8.80	279	506
1981	21,500	7.95	3,460	2,091	17,521	15,450	10.13	9.02	376	688
1982	25,400	8.25	4,705	2,564	23,179	20,791	10.32	9.56	462	765
1983	29,450	8.74	6,042	3,144	27,386	26,418	10.92	10.26	473	843
1984	33,670	8.92	7,523	3,604	31,975	30,790	10.67	10.43	510	860
1985, proj	38,040	9.28	8,958	4,235	36,300	35,440	10.85	10.71	542	880
1990, proj	54,910	12.18	18,505	8,027	(NA)	61,430	11.82	11.82	755	1,100

NA Not available. X Not applicable. [1] Includes installation revenue. [2] Individual program services sold to subscribers.

Source: Paul Kagan Associates, Inc., Carmel, CA, *The Cable TV Financial Databook*, annual. (Copyright.)

No. 940. Radio and Television Stations Owned by Newspapers and/or Magazines: 1961 to 1984

DATE	AM radio	FM radio	TV	DATE	AM radio	FM radio	TV	DATE	AM radio	FM radio	TV
1961, Sept. 1	412	147	161	1973, Dec. 1	304	211	179	1980, Dec. 1	315	264	230
1965, Oct. 31	391	170	174	1974, Dec. 1	321	236	193	1981, Dec. 1	311	277	246
1968, Dec. 4	381	191	183	1975, Dec. 1	320	238	197	1982, Dec. 1	300	263	251
1969, Dec. 1	394	245	189	1976, Dec. 1	322	238	209	1983, Dec. 1	288	257	248
1971, Feb. 1	402	248	191	1977, Dec. 1	314	236	211	1984, Dec. 1	268	256	255
1971, Dec. 1	318	209	176	1978, Dec. 1	319	252	221				
1972, Dec. 1	325	171	178	1979, Dec. 1	318	257	226				

Source: Broadcasting Publications Inc., Washington, DC, *Broadcasting Cablecasting Yearbook.* (Copyright.)

No. 941. Radios and Television Sets—Production and Imports, by Type: 1965 to 1984

[In thousands, except percent]

TYPE	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
RADIOS [1]												
Total	**41,726**	**44,427**	**34,515**	**44,101**	**52,926**	**48,035**	**40,029**	**39,574**	**44,359**	**44,088**	**48,535**	**62,050**
Percent FM/AM-FM	15.2	48.0	65.0	59.6	65.9	66.7	68.6	77.9	78.8	83.6	86.2	86.3
Table model	4,370	5,714	2,253	2,876	1,990	1,805	1,250	938	1,067	794	809	1,359
Percent FM/AM-FM	32.0	72.8	80.6	66.4	54.5	61.3	72.5	59.3	58.0	57.1	54.4	54.4
Clock model	5,448	4,874	6,641	7,353	11,447	11,488	9,354	9,445	9,782	8,433	12,120	15,570
Percent FM/AM-FM	16.0	53.8	89.1	85.8	89.4	92.3	93.4	97.6	97.9	98.3	98.4	99.1
Portable model	21,871	23,461	16,382	21,427	26,599	22,074	17,044	17,721	20,627	22,555	23,525	29,491
Percent FM/AM-FM	15.7	55.9	68.4	55.4	61.4	59.0	63.7	68.6	70.2	78.5	80.4	80.4
Auto model	10,037	10,378	9,239	12,445	12,890	12,668	12,381	11,470	12,883	12,306	12,081	15,630
Percent FM/AM-FM	6.3	13.8	37.7	49.7	56.0	57.7	56.1	77.5	79.8	84.7	87.5	88.3
TELEVISION SETS [2]												
Total	**11,028**	**9,483**	**10,637**	**14,131**	**15,431**	**17,407**	**16,619**	**18,532**	**18,479**	**16,406**	**19,681**	**22,384**
Monochrome sets	**[3] 8,382**	**4,852**	**4,418**	**5,937**	**6,090**	**6,733**	**6,576**	**6,729**	**6,056**	**4,922**	**5,647**	**5,194**
Table and portable	6,956	4,463	4,354	5,863	6,033	6,706	6,559	6,714	6,056	4,922	5,647	5,194
Console	1,318	389	64	74	57	27	17	15	(3)	(3)	(3)	(3)
Color sets [4]	**2,646**	**4,631**	**6,219**	**8,194**	**9,341**	**10,674**	**10,043**	**11,803**	**12,423**	**11,484**	**14,034**	**17,190**
Table and portable	(NA)	2,495	4,186	5,785	6,722	7,913	7,727	9,373	9,851	9,102	11,221	13,977
Console	(NA)	2,018	2,008	2,377	2,591	2,739	2,295	2,430	2,572	2,382	2,813	3,213

NA Not available. [1] Products of U.S. manufacturers and imports by distributors or dealers for resale. Beginning 1975, also includes products purchased by U.S. manufacturers. [2] Products produced or purchased by U.S. manufacturers for sale with their brand name. Beginning 1975, also includes products imported directly by distributors or dealers for resale. [3] For 1965, includes combinations; beginning 1981, consoles included in table and portable. [4] 1965–1979 total includes combinations; beginning 1980, included with consoles.

Sources: Electronic Industries Association, Washington, DC, *Electronic Market Data Book,* annual. (Copyright.)

No. 942. Publishing Industry—Summary: 1972 to 1982

[In millions of dollars, except as noted. Based on the censuses of manufactures; for details, see Appendix III]

ITEM	NEWSPAPERS			PERIODICALS			BOOKS		
	1972	1977	1982	1972	1977	1982	1972	1977	1982
Establishments, number	8,116	8,867	8,846	2,534	2,994	3,328	1,205	1,744	2,130
With 20 or more employees	2,119	2,147	2,555	452	525	690	307	346	420
Employees [1] (1,000)	349	350	402	67	70	94	57	60	67
Payroll	3,168	4,306	6,555	709	1,020	1,986	558	830	1,327
Value of receipts	8,263	13,056	21,276	3,511	6,057	11,478	2,857	4,794	7,740
Cost of materials	2,044	3,539	6,006	1,404	2,289	4,568	960	1,544	2,420
Value added by manufacture [2]	6,220	9,519	15,275	2,110	3,763	6,911	1,936	3,262	5,292
New capital expenditures	360	478	1,029	57	79	195	48	80	174
Fixed assets, gross value	3,539	5,026	8,682	588	725	1,362	512	680	1,106
Inventories, yearend	153	382	755	197	350	724	629	992	1,380

[1] Represents the average number of production workers plus the number of other employees in mid-March. [2] Derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments. This result is then adjusted by the addition of value added by merchandising operations, plus the net change in finished goods and work-in-process inventories between the beginning and the end of the year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977,* Industry Reports, series MC77-I-27A, and *Census of Manufactures, 1982,* series MC82-I-27A.

No. 943. Newspapers and Periodicals: 1950 to 1985

[Prior to 1960, excludes Alaska and Hawaii. Data refer to year of compilation of the Directory cited as the source, i.e., generally to year preceding year shown. See also *Historical Statistics, Colonial Times to 1970*, series R 232-243]

ITEM	1950	1960	1965	1970	1975	1980	1981	1982	1983	1984	1985
Newspapers [1]	**12,115**	**11,315**	**11,383**	**11,383**	**11,400**	**9,620**	**9,676**	**9,183**	**9,205**	**9,151**	**9,134**
Semiweekly	337	324	357	423	506	537	508	498	508	525	517
Weekly	9,794	8,979	8,989	8,903	8,824	7,159	7,238	6,806	6,855	6,798	6,811
Daily	1,894	1,854	1,843	1,838	1,819	1,744	1,747	1,740	1,735	1,711	1,701
Periodicals [1]	**8,960**	**8,422**	**8,990**	**9,573**	**9,657**	**10,236**	**10,873**	**10,588**	**10,952**	**10,809**	**11,090**
Weekly	1,443	1,580	1,716	1,856	1,918	1,716	1,921	1,672	1,626	1,376	1,367
Semimonthly [2]	416	527	550	589	537	645	667	689	724	658	801
Monthly	3,694	4,113	4,195	4,314	4,087	3,985	4,199	4,078	4,108	4,096	4,088
Bimonthly	436	743	876	957	1,009	1,114	1,193	1,237	1,307	1,348	1,361
Quarterly	604	895	1,030	1,108	1,093	1,444	1,484	1,554	1,627	1,711	1,759

[1] Includes other not shown separately. [2] Includes fortnightly (every two weeks).

Source: IMS Press, Fort Washington, PA, *The 1985 IMS/Ayer Directory of Publications*, annual. (Copyright.)

No. 944. Number and Circulation of Daily and Sunday Newspapers: 1950 to 1984

[Prior to 1960, excludes Alaska and Hawaii. Number of newspapers as of the following dates: **1950** and **1960, Oct. 1; 1965, Jan. 1; 1970-1983, Feb. 1** of the following year. Circulation figures as of **Sept. 30**, except **1950-1965** as of **Oct. 1.** For English language newspapers only. See *Historical Statistics, Colonial Times to 1970*, series R 224-231]

ITEM	1950	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984
NUMBER OF NEWSPAPERS												
Daily: Total [1]	1,772	1,763	1,751	1,748	1,756	1,756	1,763	1,745	1,730	1,711	1,701	1,688
Morning	322	312	320	334	339	355	382	387	408	434	446	458
Evening	1,450	1,459	1,444	1,429	1,436	1,419	1,405	1,388	1,352	1,310	1,284	1,257
Sunday	549	563	562	586	639	696	720	736	755	768	772	783
CIRCULATION (mil.)												
Daily: Total [1]	53.8	58.9	60.4	62.1	60.7	62.0	62.2	62.2	61.4	62.5	62.6	63.1
Morning	21.3	24.0	24.1	25.9	25.5	27.7	28.6	29.4	30.6	33.2	33.8	35.4
Evening	32.6	34.9	36.3	36.2	35.2	34.3	33.6	32.8	30.9	29.3	28.8	27.7
Sunday	46.6	47.7	48.6	49.2	51.1	54.0	54.4	54.7	55.2	56.3	56.7	57.5

[1] Beginning 1960, all-day newspapers are counted in both morning and evening columns but only once in total. Circulation is divided equally between morning and evening.

Source: Editor & Publisher Co. Inc., New York, NY, *Editor & Publisher International Year Book*, annual. (Copyright.)

No. 945. Number and Circulation of Daily Newspapers, by Population-Size Class of City: 1960 to 1984

[Number of newspapers for **1960** as of **Oct. 1**; thereafter, as of **Feb. 1** of the following year. Circulation as of **Sept. 30**, except **1960** as of **Oct. 1.** For English language newspapers only. See table 18 for number of cities by population size]

TYPE OF DAILY AND POPULATION-SIZE CLASS	NUMBER [1]						NET PAID CIRCULATION [1] (1,000)					
	1960	1970	1975	1980	1983	1984	1960	1970	1975	1980	1983	1984
Morning dailies, total	**312**	**334**	**339**	**387**	**446**	**458**	**24,059**	**25,934**	**25,491**	**29,413**	**33,842**	**35,424**
In cities of—												
1,000,001 or more	16	15	14	20	21	14	7,935	7,667	7,159	8,795	9,662	4,641
500,001 to 1,000,000	22	26	25	27	23	24	4,638	5,747	5,581	5,705	5,739	6,609
100,001 to 500,000	85	91	89	99	117	128	7,613	8,169	7,836	8,996	11,386	16,876
50,001 to 100,000	64	65	69	75	81	83	2,278	2,220	2,619	2,973	3,264	3,402
25,001 to 50,000	54	59	67	64	72	74	949	1,317	1,422	1,701	1,910	1,994
Less than 25,000	71	78	75	102	132	135	646	814	874	1,243	1,879	1,897
Evening dailies, total	**1,459**	**1,429**	**1,436**	**1,388**	**1,284**	**1,257**	**34,911**	**36,231**	**35,166**	**32,788**	**28,802**	**27,657**
In cities of—												
1,000,001 or more	17	12	12	11	9	7	5,021	4,716	4,156	2,984	2,334	1,794
500,001 to 1,000,000	26	24	24	23	15	15	5,375	4,807	4,573	4,101	2,227	1,949
100,001 to 500,000	116	129	127	123	114	112	9,676	10,034	8,918	8,178	7,817	7,857
50,001 to 100,000	158	178	175	156	141	133	4,501	5,221	5,379	4,896	4,400	4,177
25,001 to 50,000	256	250	248	246	243	236	4,345	4,766	4,898	5,106	4,916	4,789
Less than 25,000	886	836	850	829	762	754	5,993	6,687	7,242	7,523	7,105	7,087

[1] All-day newspapers are counted in both morning and evening columns; circulation is divided equally between morning and evening.

Source: Editor & Publisher Co. Inc., New York, NY, *Editor & Publisher International Year Book*, annual. (Copyright.)

NO. 946. DAILY AND SUNDAY NEWSPAPERS—NUMBER AND CIRCULATION, BY STATE: 1984

[Number of newspapers as of **Feb. 1** of the following year. Circulation figures as of **Sept. 30.** For English language newspapers only]

STATE	DAILY			SUNDAY		STATE	DAILY			SUNDAY	
	Number	Circulation [1]		Number	Net paid circulation (1,000)		Number	Circulation [1]		Number	Net paid circulation (1,000)
		Net paid (1,000)	Per capita [2]					Net paid (1,000)	Per capita [2]		
Total	**1,688**	**63,082**	**.267**	**783**	**57,574**	Missouri	48	1,452	.290	18	1,204
Alabama	27	737	.185	19	717	Montana	11	199	.242	8	205
Alaska	8	132	.264	3	191	Nebraska	19	481	.300	7	437
Arizona	18	679	.222	11	675	Nevada	7	234	.257	4	249
Arkansas	32	491	.209	16	509	New Hampshire	9	209	.214	3	105
California	118	6,012	.235	58	5,858	New Jersey	26	1,699	.226	17	1,793
Colorado	27	949	.299	10	1,048	New Mexico	20	289	.203	13	264
Connecticut	24	903	.286	11	801	New York	75	8,018	.452	33	5,760
Delaware	3	154	.251	2	155	North Carolina	55	1,422	.231	27	1,254
District of Columbia	3	2,052	3.29	1	1,033	North Dakota	10	194	.283	5	149
Florida	51	2,825	.257	34	3,106	Ohio	92	3,010	.280	30	2,709
Georgia	36	1,063	.182	15	1,112	Oklahoma	52	818	.248	44	905
Hawaii	7	258	.248	5	249	Oregon	20	626	.234	10	653
Idaho	13	215	.215	7	191	Pennsylvania	95	3,424	.288	21	2,899
Illinois	73	2,764	.240	24	2,774	Rhode Island	7	308	.320	2	264
Indiana	75	1,601	.291	18	1,243	South Carolina	17	611	.185	9	568
Iowa	38	798	.274	10	762	South Dakota	12	166	.235	4	127
Kansas	46	595	.244	18	501	Tennessee	29	1,000	.212	16	1,041
Kentucky	25	734	.197	12	638	Texas	113	3,668	.229	98	4,299
Louisiana	26	802	.180	17	860	Utah	6	283	.171	6	312
Maine	9	287	.248	3	258	Vermont	8	119	.225	3	81
Maryland	16	746	.172	5	652	Virginia	38	1,187	.211	15	915
Massachusetts	45	2,129	.367	10	1,677	Washington	28	1,131	.260	17	1,095
Michigan	52	2,524	.278	15	2,533	West Virginia	24	452	.232	10	400
Minnesota	26	934	.224	12	1,022	Wisconsin	35	1,191	.250	11	976
Mississippi	24	409	.157	12	331	Wyoming	10	101	.198	4	76

[1] Circulation figures based on the principal community served by a newspaper which is not necessarily the same location as the publisher's office. [2] Per capita based on total resident population estimated as of July 1, 1984.

Source: Editor & Publisher Co., Inc., New York, NY, *Editor & Publisher International Year Book,* annual (copyright).

NO. 947. COPYRIGHT REGISTRATION, BY SUBJECT MATTER: 1980 TO 1984

[**In thousands.** For years ending **Sept. 30.** Comprises claims to copyright registered for both U.S. and foreign works. See also *Historical Statistics, Colonial Times to 1970,* series W 82-95]

SUBJECT MATTER OF COPYRIGHT	1980	1983	1984	SUBJECT MATTER OF COPYRIGHT	1980	1983	1984
Total	**464.7**	**488.2**	**502.7**	Musical works	120.2	127.8	
Monographs [1]	119.2	129.3	147.2	Dramatic works, including any accompanying music	8.0	9.5	140.2
Machine readable works	1.9	6.0		Choreography and pantomimes	(Z)	.1	
Serials	117.9	106.1	113.6	Motion pictures and filmstrips	8.5	9.1	
Sound recordings	12.8	21.7	21.6	Works of the visual arts [2]	42.8	39.5	42.8
Renewals	33.0	39.1	37.3				

Z Less than 50. [1] Includes computer software. [2] Two-dimensional works of fine and graphic art, including prints and art reproductions; sculptural works; technical drawings and models; photographs; commercial prints and labels; works of applied arts, cartographic works and multimedia works.

Source: The Library of Congress, *Annual Report.*

NO. 948. ADVERTISING—ESTIMATED EXPENDITURES: 1950 TO 1984

[**In millions of dollars.** See also *Historical Statistics, Colonial Times to 1970,* series T 444-446]

YEAR	Total	National	Local	YEAR	Total	National	Local	YEAR	Total	National	Local
1950	5,700	3,260	2,440	1972	23,210	12,980	10,230	1978	43,330	23,720	19,610
1955	9,150	5,380	3,770	1973	24,980	13,700	11,280	1979	48,780	26,695	22,095
1960	11,960	7,305	4,655	1974	26,620	14,700	11,920	1980	53,550	29,815	23,735
1965	15,250	9,340	5,910	1975	27,900	15,200	12,700	1981	60,430	33,890	26,540
1970	19,550	11,350	8,200	1976	33,300	18,355	14,945	1982	66,580	37,785	28,795
1971	20,700	11,755	8,945	1977	37,440	20,595	16,845	1983	75,850	42,525	33,325
								1984	87,820	49,690	38,130

Source: McCann-Erickson, Inc., New York, NY. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright).

No. 949. Advertising—Indexes of National Advertising Expenditures, by Medium: 1960 to 1984

[1967 = 100. Based on the average monthly expenditure for those major media which give national coverage. See also *Historical Statistics, Colonial Times to 1970*, series T 472-484]

MEDIUM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
General index	**67**	**90**	**112**	**143**	**205**	**236**	**269**	**298**	**333**	**369**	**414**	**488**
Network television	56	85	114	158	238	273	316	353	383	427	482	592
Spot television	53	90	125	164	223	261	291	330	378	441	485	585
Magazines	73	93	104	118	174	209	236	253	284	298	340	398
Weeklies	81	94	95	94	139	178	204	218	245	255	294	341
Women's	65	95	107	130	200	238	259	277	302	321	374	429
Monthlies	64	90	120	155	222	246	280	304	347	368	404	480
Newspapers	92	93	105	131	174	182	209	232	267	290	323	357

Source: McCann-Erickson, Inc., New York, NY. Compiled for Crain Communications, Inc. in *Advertising Age* (copyright).

No. 950. Advertising—Estimated Expenditures, by Medium: 1970 to 1984

[**In millions of dollars, except percent.** See text, page 541 for a discussion of types of advertising. See also *Historical Statistics, Colonial Times to 1970*, series R 106-109, R 123-126, and T 444-471]

MEDIUM	EXPENDITURES								PERCENT			
	1970	1975	1979	1980	1981	1982	1983	1984, prel.	1970	1975	1980	1984, prel.
Total	**19,550**	**27,900**	**48,780**	**53,550**	**60,430**	**66,580**	**75,850**	**87,820**	**100.0**	**100.0**	**100.0**	**100.0**
National	11,350	15,200	26,695	29,815	33,890	37,785	42,525	49,690	58.1	54.5	55.7	56.6
Local	8,200	12,700	22,085	23,735	26,540	28,795	33,325	38,130	41.9	45.5	44.3	43.4
Newspapers	5,704	8,234	13,863	14,794	16,528	17,694	20,582	23,522	29.2	29.5	27.6	26.8
National	891	1,109	1,770	1,963	2,259	2,452	2,734	3,081	4.6	4.0	3.7	3.5
Local	4,813	7,125	12,093	12,831	14,269	15,242	17,848	20,441	24.6	25.5	24.0	23.3
Magazines	1,292	1,465	2,932	3,149	3,533	3,710	4,233	4,932	6.6	5.2	5.9	5.6
Weeklies	617	612	1,327	1,418	1,598	1,659	1,917	2,224	3.2	2.2	2.6	2.5
Women's	301	368	730	782	853	904	1,056	1,209	1.5	1.3	1.5	1.4
Monthlies	374	485	875	949	1,082	1,147	1,260	1,499	1.9	1.7	1.8	1.7
Farm publications	62	74	120	130	146	148	163	181	.3	.3	.2	.2
Television	3,596	5,263	10,154	11,474	12,847	14,706	16,789	19,900	18.4	18.9	21.4	22.7
Network	1,658	2,306	4,599	5,130	5,575	6,210	7,017	8,526	8.5	8.3	9.6	9.7
Spot	1,234	1,623	2,873	3,319	3,805	4,510	5,096	5,773	6.3	5.8	6.2	6.6
Cable (National)	(NA)	(NA)	(NA)	50	105	195	303	466	(NA)	(NA)	.1	.5
Local	704	1,334	2,682	2,967	3,345	3,759	4,323	5,055	3.6	4.8	5.5	5.8
Cable (Local)	(NA)	(NA)	(NA)	8	17	32	50	80	(NA)	(NA)	(Z)	.1
Radio	1,308	1,980	3,310	3,702	4,230	4,670	5,210	5,813	6.7	7.1	6.9	6.6
Network	56	83	161	183	230	255	296	316	.3	.3	.3	.4
Spot	371	436	665	779	879	923	1,038	1,197	1.9	1.6	1.5	1.4
Local	881	1,461	2,484	2,740	3,121	3,492	3,876	4,300	4.5	5.2	5.1	4.9
Direct mail	2,766	4,124	6,653	7,596	8,944	10,319	11,795	13,800	14.1	14.8	14.2	15.7
Business papers	740	919	1,575	1,674	1,841	1,876	1,990	2,270	3.8	3.3	3.1	2.6
Outdoor	234	335	540	578	650	721	794	872	1.2	1.2	1.1	1.0
Miscellaneous	3,848	5,506	9,633	10,453	11,711	12,736	14,294	16,530	19.7	19.7	19.5	18.8

NA Not available. Z Less than .05.

Source: McCann-Erickson, Inc., New York, NY. Compiled for Crain Communications, Inc. in *Advertising Age* (copyright). Percentages derived by U.S. Bureau of the Census.

No. 951. Magazine Advertising—Expenditures, by Product: 1975 to 1984

[**In millions of dollars, except percent.** Space cost based on one-time rate; special rates used where applicable. Year-to-year data not strictly comparable, as a few minor publications are added or deleted]

TYPE OF PRODUCT	1975	1980	1981	1982	1983	1984	PERCENT DISTRIBUTION		
							1975	1980	1984
Expenditures	**1,336**	**2,846**	**3,223**	**3,421**	**3,939**	**4,668**	**100.0**	**100.0**	**100.0**
Apparel, footwear, and accessories	47	112	141	154	206	240	3.5	3.9	5.1
Automotive, incl. accessories and equipment	102	230	280	333	405	473	7.6	8.0	10.1
Beer, wine, and liquor	101	239	252	258	243	230	7.6	8.4	4.9
Computers, office equipment, stationery	29	79	103	141	194	321	2.1	2.8	6.9
Consumer services [1]	102	190	206	233	329	411	7.8	6.7	8.8
Drugs and remedies	34	79	88	89	105	129	2.5	2.8	2.8
Food and food products	87	199	213	240	263	289	6.5	7.0	6.2
Household equipment and supplies	25	65	82	66	81	98	1.9	2.3	2.1
Household furnishings	31	73	83	81	94	94	2.3	2.0	2.0
Jewelry, optical goods, camera	34	79	89	80	95	107	2.5	2.8	2.3
Mail orders	(NA)	(NA)	(NA)	(NA)	(NA)	292	(NA)	(NA)	6.3
Publishing and media	66	146	149	156	182	159	4.9	5.1	3.4
Retail	(NA)	(NA)	(NA)	(NA)	(NA)	128	(NA)	(NA)	2.7
Smoking materials	144	290	314	358	398	423	10.8	10.2	9.1
Toiletries and toilet goods	108	206	230	241	279	334	7.9	7.2	7.2
Travel, hotels, and resorts	65	123	137	153	174	212	4.9	4.3	4.5
All other	363	736	844	838	891	728	27.2	25.9	15.6

NA Not available. [1] Includes business services.

Source: Magazine Publishers Association, Inc., New York, NY, from data compiled by Publishers Information Bureau, Inc.

No. 952. Television—Expenditures for Network Advertising: 1980 to 1984

[In millions of dollars. See text, page 541 for a definition of network advertising]

TYPE OF PRODUCT	1980	1982	1983	1984	TYPE OF PRODUCT	1980	1982	1983	1984
Expenditures	5,147	6,232	7,042	8,555	Horticulture	15	18	20	29
Apparel, footwear, and accessories	131	160	199	237	Household equipment, supplies, and furnishings	225	239	238	266
Automotive	529	596	745	808	Insurance	74	73	97	109
Beer and wine	242	303	358	448	Investment brokers	20	26	46	66
Building material, equipment, fixtures	59	70	66	105	Jewelry and cameras [1]	119	151	143	140
Computers, office equipment, and stationery	57	129	260	374	Laundry soaps, cleansers, and polishes	306	322	353	367
Confectionery, soft drinks	281	300	307	393	Movies	103	110	133	167
Consumer services	178	157	213	369	Pet products	144	149	160	175
Dept. and discount stores	94	144	171	215	*Proprietary medicines*	430	529	575	670
Food and food products	844	995	1,064	1,385	Publishing and media	34	76	82	58
Freight and industrial development	7	24	50	53	Restaurants and drive-ins	132	170	213	352
Gas, lubricants, etc.	71	55	42	56	Tobacco products and supplies	8	7	8	10
Home electronics equipment	50	164	158	79	*Toiletries and toilet goods*	765	897	921	978
					Toys and sporting goods	93	100	113	165
					Travel, hotels, and resorts	53	73	79	90
					All other	83	195	226	411

[1] Includes optical goods.

No. 953. Television—Estimated Time Charges for Spot Advertising: 1980 to 1984

[In millions of dollars. Data represent activity in the top 75 markets monitored by Broadcast Advertisers Reports, Inc. (BAR), covering approximately 304 stations. See text, page 541 for a definition of types of advertising]

TYPE OF PRODUCT	1980	1982	1983	1984	TYPE OF PRODUCT	1980	1982	1983	1984
Estimated time charges	2,496	3,342	3,676	4,164	Home electronics equipment	73	108	120	76
Agriculture and farming	15	21	19	19	Horticulture	35	32	30	39
Apparel, footwear, and accessories	105	96	101	113	Household equipment, supplies, and furnishings	133	151	190	215
Automotive	228	361	412	563	Insurance	34	51	57	67
Beer and wine	156	205	200	204	Jewelry, optical goods, and cameras	55	53	54	70
Building material, equipment, and fixtures	47	53	55	56	*Laundry soaps, polishes*	111	157	166	144
Computers, office equipment, and stationery	15	52	84	63	Pet products	33	55	56	56
Confectionery, soft drinks	212	266	327	335	Proprietary medicines	93	107	133	148
Consumer services	83	140	173	222	Publishing and media	78	97	115	127
Food and food products	507	705	776	885	*Tobacco products, suppliers*	8	11	11	14
Freight and industrial development	5	41	32	21	Toiletries and toilet goods	223	222	242	263
Gasoline, lubricants, etc	50	90	87	104	Toys and sporting goods	104	120	101	141
					Travel, hotels, and resorts	76	121	139	183
					All other	17	27	16	36

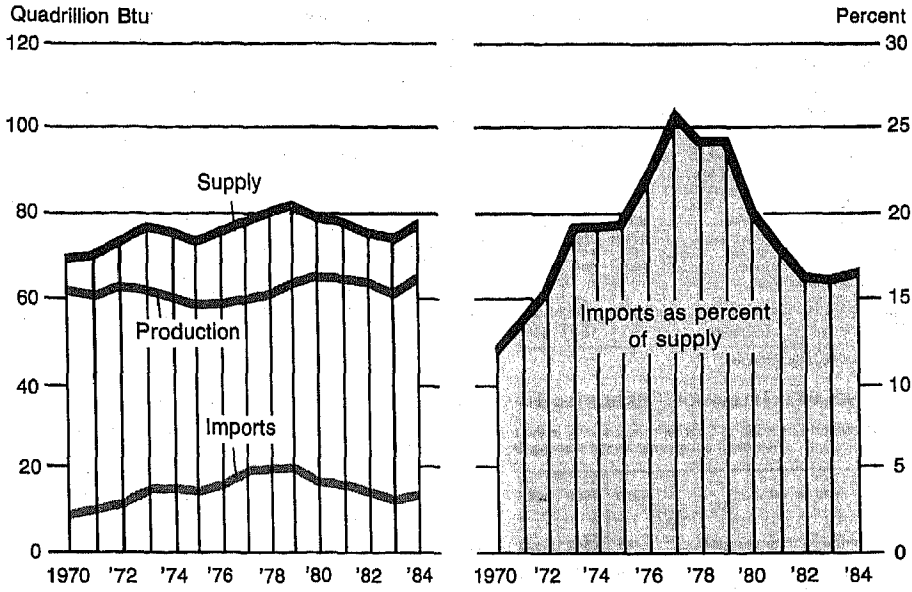
No. 954. Television—Expenditures for Retail/Local Advertising: 1980 to 1984

[In millions of dollars. See headnote, table 953]

TYPE OF PRODUCT	1980	1982	1983	1984	TYPE OF PRODUCT	1980	1982	1983	1984
Expenditures	1,983	2,578	2,979	3,485	Home building construction, building supplies	35	47	65	77
Amusements, entertainment	68	91	99	104	Hotels, resorts, U.S.	18	37	42	58
Appliance stores, repair	38	50	75	89	Investment brokers	7	11	27	28
Auto repair, service stations	28	44	53	61	*Jewelry stores*	19	23	25	24
Auto supply, accessory stores	12	30	35	36	Legal services	5	11	18	28
Auto, truck dealers	99	121	173	257	Leisure time stores and services	42	75	82	84
Banks, S&L associations	141	155	166	198	Loan, mortgage companies	12	12	20	20
Builders, real estate	26	25	34	42	*Mail order, catalog showrooms*	13	18	21	22
					Medical, dental services	13	28	41	62
Carpet, floor covering stores	24	26	34	36					
Clothing stores	46	55	66	73	Movies	102	90	98	86
Department stores	131	141	164	168	Newspapers	15	19	22	29
Discount department stores	74	78	79	93	Optical services, supplies	14	13	17	19
Drug stores	26	45	55	57	Political	70	116	24	104
Education services	17	27	36	49	Radio, cable TV	69	120	127	129
Food stores, supermarkets	149	193	229	244	Rental services (non-auto)	15	24	29	34
Furniture stores	111	113	144	165	Restaurants, drive-ins	288	406	498	578
Gas, electric, water companies	16	24	27	33	Shoe stores	27	28	32	38
Hardware stores	19	23	23	23	Shopping centers, ass'ns	13	15	18	20
Health clubs, reducing salons	21	28	29	32	Sport, hobby, toy stores	23	39	42	44
					All other	137	177	210	241

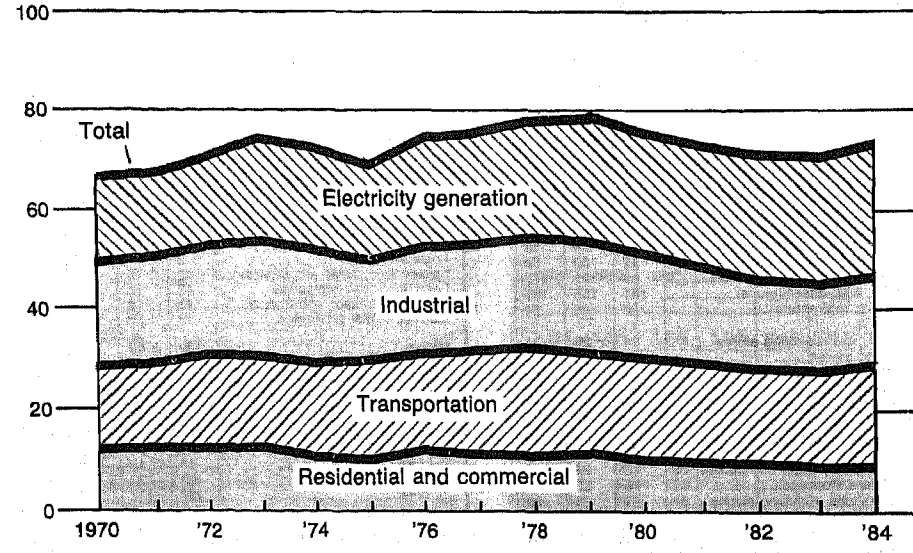
Source of tables 952–954: Television Bureau of Advertising, Inc., New York, NY. Data compiled by Broadcast Advertisers Reports, Inc., New York, NY in the top 75 markets.

Figure 20.1
Energy Production, Supply, and Imports: 1970 to 1984

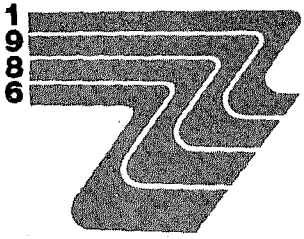


Source: Chart prepard by U.S. bureau of the Census. For data, see table 957.

Figure 20.2
Primary Energy Resources—Consumption by Major Consumer Group: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 960.



Section 20

Energy

This section presents statistics on fuel resources, energy production and consumption, electric energy, hydropower, nuclear power, solar energy, wood energy and the electric and gas utility industries. The principal sources are the U.S. Department of Energy's Energy Information Administration (EIA), the Edison Electric Institute, Washington, DC, and the American Gas Association, Arlington, VA. The Department of Energy was created in October 1977 and assumed and centralized the responsibilities of all or part of several agencies including the Federal Power Commission (FPC), the U.S. Bureau of Mines, the Federal Energy Administration, and the U.S. Energy Research and Development Administration. For additional data on transportation, see Section 22; on fuels, see Section 27; and on energy-related housing characteristics, see Section 28.

The EIA, in its *Annual Energy Review,* provides statistics and trend data on energy supply, demand, and prices. Information is included on petroleum and natural gas, coal, electricity, hydropower, nuclear power, and solar and geothermal energy. Among its annual reports are *Annual Energy Review, Electric Power Annual, Natural Gas Annual, Petroleum Supply Annual, State Energy Data Report, Energy Price and Expenditure Report, Financial Statistics of Selected Electric Utilities, Historical Capital Costs and Annual Production Expenses, Residential Energy Consumption Survey, Performance Profiles of Major Energy Producers, Typical Electric Bills, Annual Energy Outlook,* and *International Energy Annual.* These various publications contain national and State data on production of electricity, capacity of generating plants, fuels used in energy production, energy sales and consumption, hydroelectric power, construction costs and production expenses of power plants, and depreciation practices. The EIA also issues the *Monthly Energy Review,* which presents current supply, disposition, and price data, and separate weekly and monthly publications on petroleum, coal, natural gas, and electric power. Data on residential energy consumption, expenditures, and conservation activities are available from EIA's Residential Energy Consumption Survey and are published in *Residential Energy Consumption Survey: Consumption and Expenditures,* and *Residential Energy Consumption Survey: Conservation,* and several other reports.

The Edison Electric Institute's monthly bulletin and annual *Statistical Year Book of the Electric Utility Industry for the Year* contain data on the distribution of electric energy by public utilities; information on the electric power supply, expansion of electric generating facilities, and the manufacture of heavy electric power equipment is presented in the annual *Year End Summary of the Electric Power Situation in the United States.* The American Gas Association, in its monthly and quarterly bulletins and its yearbook, *Gas Facts,* presents data on gas utilities, including sales, revenues, customers, prices, and other financial and operating statistics. A wide range of petroleum statistics are provided in the American Petroleum Institute publication *Basic Petroleum Data Book.*

Btu conversion factors.—Various energy sources are converted from original units (e.g., short tons, cubic feet, barrels, kilowatt-hours) to the thermal equivalent using British thermal units (Btu). A Btu is the amount of energy required to raise the temperature of 1 pound of water 1 degree Fahrenheit at or near 39.2 degrees F. Factors are calculated annually from the latest final annual data available; some are revised as a result. The following list provides conversion factors used in 1983 for production and consumption, in that order, for various fuels: Petroleum, 5.800 and 5.393 mil. Btu per barrel; total coal, 22.13 and 21.69 mil. Btu per short ton; and natural gas, 1,031 and 1,031 Btu per cubic foot. The factors for the production of hydropower, nuclear power, and geothermal power were 10,445, 10,905, and 21,303 Btu per kilowatt-hour, respectively.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986.* For cross-references, see Appendix VI.

No. 955. Total Horsepower of All Prime Movers: 1950 to 1984

[**In millions, except percent.** As of **January**, except as noted. Prior to 1960, excludes Alaska and Hawaii, except as noted. Prime movers are mechanical engines and turbines, and work animals, which originally convert fuels or force (as wind or falling water) into work and power. Electric motors, which obtain their power from prime movers, are excluded to avoid duplication. See also *Historical Statistics, Colonial Times to 1970*, series S 1-14]

YEAR	Total horsepower	AUTOMOTIVE [1] [2]		NONAUTOMOTIVE							
		Total	Percent of total	Total	Factories [3]	Mines [3]	Railroads [4]	Merchant ships and sailing vessels	Farms	Electric central stations [2]	Aircraft [4] [5]
1950	4,868	4,404	90.5	464	33	22	111	[6] 23	165	88	[6] 22
1955	7,158	6,632	92.7	526	36	31	60	[6] 24	212	138	[6] 26
1960	11,008	10,367	94.2	641	42	35	47	24	240	217	37
1965	15,096	14,306	94.8	790	48	40	44	24	272	307	55
1970	20,408	19,325	94.7	1,083	54	45	54	22	290	435	183
1972	22,913	21,736	94.9	1,175	57	46	57	21	305	508	181
1973	24,262	23,029	94.9	1,233	58	46	57	20	308	562	182
1974	24,516	23,224	94.7	1,292	59	46	61	21	315	605	185
1975	25,100	23,752	94.6	1,348	60	47	62	22	318	654	185
1976	25,732	24,339	94.6	1,393	61	47	64	22	324	692	184
1977	26,469	25,025	94.5	1,444	62	47	62	23	328	728	194
1978	27,379	25,892	94.6	1,487	63	48	64	25	[7] 335	754	198
1979	28,162	26,617	94.5	1,545	63	48	62	26	342	803	201
1980	28,922	27,362	94.6	1,564	64	48	63	28	345	806	210
1981	29,507	27,909	94.6	1,598	64	48	65	29	345	835	212
1982	30,495	28,852	94.6	1,643	64	48	64	29	352	854	232
1983	31,337	29,662	94.7	1,675	64	47	62	29	356	877	240
1984	31,819	30,117	94.7	1,702	65	47	61	30	359	886	254

[1] Includes passenger cars, trucks, buses, and motorcycles. [2] As of July 1. [3] Beginning 1965, data are estimates. [4] Beginning 1965, not strictly comparable with earlier years. [5] Includes private planes and commercial airlines. [6] Includes Alaska and Hawaii. [7] Includes estimates of about 3.0 million hp in work animals and 30,000 in windmills.

Source: 1950 and 1955, The Twentieth Century Fund, New York, NY, J.F. Dewhurst and Associates, *America's Needs and Resources, A New Survey*, and John A. Waring, *Transactions of Canadian Sectional Meeting, World Power Conference, 1958*. Beginning 1960, John A. Waring, Arlington, VA, unpublished estimates.

No. 956. Energy Production and Consumption, by Major Source: 1950 to 1984

[Btu = British thermal unit. For Btu conversion factors, see text, p. 555. See also *Historical Statistics, Colonial Times to 1970*, series M 76-92]

YEAR	Total production (quad. Btu)	PERCENT OF PRODUCTION				Total consumption (quad. Btu)	PERCENT OF CONSUMPTION				Consumption/production ratio
		Coal	Petroleum [1]	Natural gas [2]	Other [3]		Coal	Petroleum [1]	Natural gas [2]	Other [3]	
1950	34.0	41.4	33.7	20.8	4.2	33.1	37.3	40.2	18.0	4.4	.97
1955	38.7	32.0	37.2	27.3	3.5	38.8	28.8	44.4	23.2	3.6	1.00
1960	41.5	26.1	36.0	34.0	3.9	43.8	22.5	45.5	28.3	3.7	1.06
1961	42.0	24.9	36.2	34.9	4.0	44.5	21.7	45.5	29.1	3.7	1.06
1962	43.6	25.0	35.6	35.1	4.2	46.5	21.3	45.2	29.5	4.0	1.07
1963	45.9	25.9	34.8	35.4	4.0	48.3	21.6	44.9	29.8	3.7	1.05
1964	47.7	26.3	33.9	35.8	4.0	50.5	21.7	44.2	30.3	3.8	1.06
1965	49.4	26.5	33.5	35.8	4.3	52.7	22.0	44.1	29.9	4.0	1.07
1966	52.2	25.8	33.7	36.4	4.1	55.7	21.8	43.8	30.5	3.9	1.07
1967	55.1	25.1	33.9	36.5	4.4	57.6	20.7	43.9	31.2	4.2	1.05
1968	56.8	24.0	34.0	37.6	4.4	61.0	20.2	44.2	31.5	4.1	1.07
1969	59.1	23.5	33.1	38.7	4.8	64.2	19.3	44.1	32.2	4.4	1.09
1970	62.1	23.5	32.9	38.9	4.7	66.4	18.5	44.4	32.8	4.3	1.07
1971	61.3	21.5	32.7	40.5	5.3	67.9	17.1	45.0	33.1	4.8	1.11
1972	62.4	22.6	32.1	39.7	5.6	71.3	17.0	46.2	31.9	4.9	1.14
1973	62.1	22.6	31.4	39.9	6.2	74.3	17.5	46.9	30.3	5.3	1.20
1974	60.8	23.1	30.5	38.9	7.4	72.5	17.5	46.1	30.0	6.4	1.19
1975	59.9	25.0	29.6	36.8	8.6	70.6	18.0	46.4	28.3	7.3	1.18
1976	59.9	26.1	28.8	36.4	8.6	74.4	18.3	47.3	27.4	7.0	1.24
1977	60.2	26.2	29.0	36.4	8.5	76.3	18.3	48.7	26.1	6.9	1.27
1978	61.1	24.4	30.2	35.6	9.9	78.1	17.6	48.6	25.6	8.2	1.28
1979	63.8	27.5	28.4	35.0	9.1	78.9	19.1	47.1	26.2	7.6	1.24
1980	64.8	28.7	28.2	34.2	8.9	76.0	20.3	45.0	26.8	7.9	1.17
1981	64.4	28.5	28.2	34.2	9.1	74.0	21.5	43.2	26.9	8.4	1.15
1982	63.9	29.2	28.7	32.0	10.2	70.8	21.6	42.7	26.1	9.6	1.11
1983	61.2	28.2	30.1	30.6	11.2	70.5	22.6	42.6	24.6	10.2	1.15
1984, prel	65.5	30.1	28.4	30.7	10.8	73.7	23.3	42.1	24.5	10.1	1.13

[1] Production includes crude oil and lease condensate. Consumption includes domestically produced crude oil, natural gas liquids, and lease condensate, plus imported crude oil and products. [2] Production includes natural gas liquids; consumption excludes natural gas liquids. [3] Comprised of hydropower, nuclear power, geothermal energy and other.

Source: U.S. Energy Information Administration, *Annual Energy Review*.

No. 957. Energy Supply and Disposition, by Type of Fuel: 1960 to 1984

[In quadrillion British thermal units (Btu), except percent. For Btu conversion factors, see text, p. 555]

TYPE OF FUEL	1960	1970	1973	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Total supply [1]	**45.3**	**69.1**	**76.3**	**72.9**	**76.6**	**78.4**	**80.0**	**81.8**	**79.7**	**78.3**	**75.5**	**74.2**	**77.5**
Production	41.5	62.1	62.1	59.9	59.9	60.2	61.1	63.8	64.8	64.4	63.9	61.2	65.5
Crude oil [2]	14.9	20.4	19.5	17.7	17.3	17.5	18.4	18.1	18.2	18.1	18.3	18.4	18.6
Natural gas liquids	1.5	2.5	2.6	2.4	2.3	2.3	2.2	2.3	2.3	2.3	2.2	2.2	2.4
Natural gas [3]	12.7	21.7	22.2	19.6	19.5	19.6	19.5	20.1	19.9	19.7	18.3	16.5	17.7
Coal	10.8	14.6	14.0	15.0	15.7	15.8	14.9	17.5	18.6	18.4	18.6	17.3	19.7
Nuclear power	(z)	.2	.9	1.9	2.1	2.7	3.0	2.8	2.7	3.0	3.1	3.2	3.5
Hydropower	1.6	2.6	2.9	3.2	3.0	2.3	2.9	2.9	2.9	2.8	3.3	3.5	3.4
Geothermal and other	(z)	(z)	(z)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
Imports [4]	4.2	8.4	14.7	14.1	16.8	20.1	19.3	19.6	16.0	14.0	12.1	12.0	12.7
Percent of supply	9.3	12.1	19.3	19.4	22.0	25.6	24.1	24.0	20.0	17.8	16.0	16.2	16.4
Crude oil	2.2	2.8	6.9	8.7	11.2	14.0	13.5	13.8	11.2	9.3	7.4	7.1	7.3
Refined petroleum products [5]	1.8	4.7	6.6	4.2	4.4	4.7	4.4	4.1	3.5	3.3	3.4	3.6	4.1
Natural gas	.2	.8	1.1	1.0	1.0	1.0	1.0	1.3	1.0	.9	1.0	.9	.9
Total disposition	**45.3**	**69.1**	**76.3**	**72.9**	**76.6**	**78.4**	**80.0**	**81.8**	**79.7**	**78.3**	**75.5**	**74.2**	**77.5**
Consumption	43.8	66.4	74.3	70.6	74.4	76.3	78.1	78.9	76.0	74.0	70.8	70.5	73.7
Refined petroleum products	19.9	29.5	34.8	32.7	35.2	37.1	38.0	37.1	34.2	31.9	30.2	30.1	31.0
Natural gas [3]	12.4	21.8	22.5	19.9	20.3	19.9	20.0	20.7	20.4	19.9	18.5	17.4	18.0
Coal	9.8	12.3	13.0	12.7	13.6	13.9	13.8	15.0	15.4	15.9	*15.3*	*15.9*	*17.2*
Nuclear power	(z)	.2	.9	1.9	2.1	2.7	3.0	2.8	2.7	3.0	3.1	3.2	3.5
Hydropower [6]	1.7	2.7	3.0	3.2	3.1	2.5	3.1	3.1	3.1	3.1	3.6	3.9	3.8
Geothermal and other	(z)	(z)	(z)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
Exports	1.5	2.7	2.1	2.4	2.2	2.1	1.9	2.9	3.7	4.3	4.6	3.7	3.8
Coal	1.0	1.9	1.4	1.8	1.6	1.4	1.1	1.8	2.4	2.9	2.8	2.0	2.2

Z Less than 50 trillion. [1] Includes adjustments for stock changes, losses, gains, and miscellaneous changes, not shown separately. [2] Includes *lease condensate.* [3] Dry marketed gas. [4] Includes other types, not shown separately. [5] Includes *imports of unfinished oils and natural gas liquids.* [6] *Includes industrial generation and net electricity imports.*

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 958. Selected Energy Indicators—Summary: 1950 to 1984

[Btu=*British thermal unit.* For Btu conversion factors, see text, p. 555]

YEAR	ANNUAL AVERAGE PERCENT CHANGE [1]									PER CAPITA [6] (mil. Btu)		Consumption per dollar GNP [5] (1,000 Btu)
	Energy production				Energy consumption							
	Total [2]	Crude oil [3]	Natural gas [4]	Coal	Total [2]	Refined petroleum products	Natural gas (dry)	Coal	GNP [5]	Energy production	Energy consumption	
1950	2.6	7.2	15.8	17.4	8.6	12.1	15.9	3.0	8.7	224	218	61.9
1955	2.6	4.7	8.4	−2.5	3.3	5.3	6.6	−2.0	4.2	235	235	59.1
1960	1.4	.7	6.3	−2.6	2.4	2.9	6.6	−2.5	2.3	231	243	59.4
1965	3.5	2.0	4.5	3.8	3.8	3.1	4.9	3.3	4.7	*255*	*272*	*58.7*
1970	4.7	4.3	6.5	2.3	4.7	4.9	6.7	1.1	3.2	304	326	61.2
1971	−1.2	−1.8	2.8	−9.7	2.2	3.5	3.1	−5.4	3.4	296	328	60.5
1972	1.8	(z)	−.3	6.7	5.0	7.8	1.0	4.1	5.7	298	341	60.1
1973	−.6	−2.7	−.1	−.6	4.2	5.7	−.8	7.4	5.8	294	351	59.2
1974	−2.0	−4.7	−4.4	.6	−2.3	−4.0	−3.5	−2.4	−.6	285	340	58.2
1975	−1.6	−4.5	−7.4	6.5	−2.8	−2.2	−8.2	(z)	−1.2	278	327	57.3
1976	.1	−2.7	−.8	4.4	5.4	7.5	2.0	7.3	5.4	275	342	57.3
1977	.5	1.1	.5	.6	2.6	5.5	−2.1	2.5	5.5	274	347	55.7
1978	1.5	5.6	−.4	−5.4	2.4	2.3	.4	−1.1	5.0	275	352	54.3
1979	4.4	−1.8	3.0	17.7	1.0	−2.2	3.3	9.3	2.8	284	351	53.3
1980	1.5	.8	.9	6.0	−3.7	−7.9	−1.3	2.6	−.3	*285*	*334*	51.5
1981	−.5	−.6	−.7	−1.2	−2.6	−6.6	−2.3	3.1	2.5	281	322	48.9
1982	−.8	.9	−7.1	1.4	−4.3	−5.3	−7.1	−3.7	−2.1	276	306	47.9
1983	−4.2	.5	−8.5	−7.5	−.5	−.6	−6.2	3.8	3.7	261	301	45.9
1984, prel.	7.0	1.1	7.5	14.2	4.6	3.2	3.9	8.2	6.8	277	312	45.0

Z Less than .05 percent. [1] Represents annual average for period of intervals shown; for 1950, change from 1949. Percent change derived from Btu values. Minus sign indicates decrease. For explanation of average annual percent change, see *Guide to Tabular Presentation.* [2] Includes types of fuel or power not shown separately. [3] Includes lease condensate. [4] Includes *natural gas plant liquids.* [5] Gross national product in constant (1972) dollars, see table 719. [6] Based on resident population estimated as of July 1.

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 959. Energy Consumption—End-Use Sector and Selected Source, by State: 1983

[In trillions of Btu, except as indicated. For Btu conversion factors, see text, p. 555. For composition of regions, see fig. 1 inside front cover]

Region, division, and state	Total [1]	Per capita [2] (mil. Btu)	End-use sector				Source				
			Residential	Commercial	Industrial	Transportation	Petroleum	Natural gas (dry)	Coal	Hydropower	Nuclear power
U.S.	70,508	301	14,736	10,714	[3] 25,910	19,147	30,052	17,354	15,867	3,863	3,252
Region:											
Northeast	11,347	229	2,906	2,188	3,197	3,057	5,906	2,145	1,825	613	705
Midwest	18,083	307	4,377	2,785	6,696	4,225	6,446	4,487	5,944	258	872
South	28,504	358	4,925	3,651	12,340	7,588	12,111	7,862	6,488	511	1,525
West	12,591	274	2,529	2,092	3,693	4,277	5,589	2,859	1,611	2,481	150
New England	2,692	216	758	512	632	790	1,743	321	131	117	291
Maine	348	303	69	35	156	87	243	2	5	84	63
New Hampshire	186	194	55	27	46	58	118	10	28	14	-
Vermont	107	204	32	16	25	34	57	4	1	13	32
Massachusetts	1,197	208	346	281	224	367	774	198	96	3	67
Rhode Island	177	185	51	34	41	51	94	30	(Z)	(Z)	-
Connecticut	677	216	205	139	141	193	457	77	(Z)	4	128
Middle Atlantic	8,655	234	2,148	1,676	2,565	2,267	4,163	1,824	1,694	496	414
New York	3,316	188	900	868	767	781	1,704	743	269	486	161
New Jersey	2,084	279	460	363	514	746	1,222	418	90	[4] −2	70
Pennsylvania	3,256	274	788	444	1,284	739	1,237	664	1,335	12	163
East North Central	12,677	305	3,033	1,942	4,957	2,745	4,203	3,204	4,337	60	649
Ohio	3,522	328	775	494	1,509	743	1,221	770	1,334	1	54
Indiana	2,186	399	424	223	1,103	437	654	440	1,115	4	0
Illinois	3,352	292	837	637	1,106	771	1,189	967	835	1	310
Michigan	2,341	258	659	386	811	486	677	718	698	26	181
Wisconsin	1,276	268	337	202	428	308	461	308	356	27	103
West North Central	5,406	310	1,344	843	1,739	1,480	2,243	1,283	1,607	198	223
Minnesota	1,198	289	304	163	414	317	511	248	212	15	130
Iowa	950	327	239	142	336	233	367	227	256	10	26
Missouri	1,392	280	379	236	357	419	574	267	560	18	-
North Dakota	239	351	49	30	88	71	135	27	214	84	-
South Dakota	198	283	52	26	59	60	107	24	31	58	-
Nebraska	512	320	132	101	145	134	202	133	104	14	67
Kansas	918	379	188	143	341	246	346	357	230	(Z)	-
South Atlantic	10,262	264	2,302	1,634	3,069	3,256	4,588	1,349	3,163	184	1,006
Delaware	186	307	33	30	71	53	112	36	73	-	-
Maryland	1,100	256	265	164	359	312	487	150	237	18	129
District of Columbia	164	263	31	55	44	34	45	30	3	-	-
Virginia	1,482	267	340	279	394	469	623	147	278	13	207
West Virginia	670	341	129	76	332	132	187	119	834	12	-
North Carolina	1,606	264	374	228	536	467	649	141	597	64	137
South Carolina	970	297	196	133	391	251	321	105	236	32	283
Georgia	1,666	291	348	228	523	567	699	305	585	43	86
Florida	2,418	226	586	441	419	972	1,464	316	319	2	164
East South Central	4,951	331	989	643	2,023	1,297	1,702	854	1,805	254	434
Kentucky	1,240	334	249	155	515	321	432	180	640	34	-
Tennessee	1,586	339	343	251	598	395	481	201	542	104	156
Alabama	1,331	336	248	146	599	338	465	228	527	116	278
Mississippi	795	307	149	91	311	244	324	245	96	-	-
West South Central	13,291	515	1,634	1,374	7,248	3,035	5,821	5,659	1,520	73	85
Arkansas	756	325	154	91	302	209	300	213	177	35	85
Louisiana	3,207	723	276	279	2,081	571	1,412	1,456	107	-	-
Oklahoma	1,301	395	261	187	509	345	458	648	218	26	-
Texas	8,026	510	943	817	4,356	1,910	3,651	3,341	1,018	12	-
Mountain	3,839	311	759	631	1,271	1,178	1,550	848	1,485	494	8
Montana	297	364	59	45	111	82	134	48	42	120	-
Idaho	335	339	71	61	128	75	107	36	9	133	-
Wyoming	374	728	40	34	221	79	163	83	315	12	-
Colorado	844	269	209	195	177	264	332	220	255	20	8
New Mexico	459	328	63	69	153	174	203	184	264	1	-
Arizona	752	254	154	138	197	263	303	119	297	151	-
Utah	485	300	105	54	199	127	176	114	164	15	-
Nevada	292	327	57	36	85	114	133	43	140	43	-
Pacific	8,752	260	1,770	1,461	2,422	3,099	4,039	2,011	126	1,987	142
Washington	1,537	357	367	261	522	387	530	111	80	917	39
Oregon	804	302	184	133	241	246	341	69	9	470	41
California	5,761	229	1,158	1,008	1,360	2,234	2,780	1,582	32	593	62
Alaska	419	875	38	42	231	108	161	247	6	6	-
Hawaii	231	226	22	18	68	123	227	3	-	1	-

- Represents zero. Z Less than 500 billion. [1] For source, includes geothermal, wood and waste, and net interstate sales of electricity, including losses, not shown separately. [2] Based on estimated resident population as of July 1. [3] Includes −16 trillion Btu of net imports of coke not allocated by State. [4] Minus sign (−) indicates when amount of energy expended for pump storage hydropower exceeds amount of energy consumed.

Source: U.S. Energy Information Administration, *State Energy Data Report*, annual.

No. 960. Primary Energy Consumption by Consuming Sector: 1960 to 1984

[For definition of Btu, see text, p. 555]

SECTOR	1960	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Total consumption (quad. Btu)	**43.8**	**66.4**	**70.6**	**74.4**	**76.3**	**78.1**	**78.9**	**76.0**	**74.0**	**70.8**	**70.5**	**73.7**
Residential and commercial	8.7	12.1	11.6	12.3	11.9	11.9	11.5	10.7	10.0	10.1	9.5	9.6
Industrial and miscellaneous	16.3	21.9	20.4	21.4	21.9	21.9	22.8	21.0	19.7	17.5	16.9	18.2
Transportation	10.6	16.0	18.2	19.1	19.8	20.6	20.4	19.7	19.5	19.1	19.1	19.8
Electricity generation	8.2	16.3	20.3	21.6	22.7	23.7	24.1	24.5	24.8	24.3	24.9	26.1
Percent of total:												
Residential and commercial	20.0	18.3	16.4	16.5	15.6	15.3	14.6	14.1	13.6	14.2	13.5	13.0
Industrial and miscellaneous	37.1	32.9	28.9	28.8	28.7	28.0	28.9	27.7	26.6	24.6	23.9	24.7
Transportation	24.1	24.2	25.8	25.6	25.9	26.3	25.9	25.9	26.3	26.9	27.1	26.9
Electricity generation	18.7	24.5	28.8	29.0	29.8	30.4	30.6	32.3	33.5	34.3	35.4	35.3

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 961. Energy Consumption, by Sector and Primary Source: 1984

[**In trillions of Btu.** For definition of Btu, see text, p. 555]

SECTOR	Total [1]	Coal [2]	Natural gas, dry	Petroleum [3]	Hydroelectric [4]	Nuclear power	Other [5]	Electricity distributed [6]	Electric energy loss [7]
Final consuming sectors	73,716	3,073	14,820	29,718	33	–	–11	7,769	18,314
Residential and commercial	25,993	213	6,913	2,444	–	–	–	4,893	11,530
Industrial	27,859	2,860	7,383	7,972	33	–	–11	2,865	6,758
Transportation	19,863	–	524	19,302	–	–	–	11	26
Electric utilities	26,093	14,094	3,205	1,286	3,751	3,573	174	(x)	(x)

– Represents zero. X Not applicable. [1] Total may not equal sum of components due to independent rounding of the components. [2] Represents anthracite, bituminous, and lignite. [3] Includes petroleum products, still gas, liquefied refinery gas; and natural gas liquids. [4] Includes net imports of electricity. [5] Includes, electricity produced from geothermal, wood, waste, wind, solar thermal, and photovoltaic sources, and net imports of coal coke. [6] Electrical energy used by railroads, and for street and highway lighting, is included in transportation sector. [7] Losses allocated by final end-use sector in proportion to their direct kilowatt-hour usage.

Source: U.S. Energy Information Administration, *Monthly Energy Review,* January 1985.

No. 962. Energy Expenditures and Average Fuel Prices, by Source and Sector: 1970 to 1982

[Btu=British thermal units; see text, p. 555. End-use sector and electric utilities exclude expenditures and prices on energy sources such as hydropower, solar, wind, and geothermal. Also excludes expenditures for reported amounts of energy consumed by the energy industry for production, transportation, and processing operations]

SOURCE AND SECTOR	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
EXPENDITURES (mil. dol.)											
Total [1] [2]	**82,233**	**111,445**	**153,074**	**171,391**	**192,525**	**219,231**	**237,765**	**294,412**	**371,192**	**420,338**	**419,661**
Coal	4,396	6,481	13,638	13,939	13,932	15,781	18,178	19,909	21,993	25,880	26,166
Natural gas	10,882	13,813	16,216	19,773	24,767	29,119	32,034	40,160	50, 588	59,960	67,659
Petroleum products [2]	47,814	65,270	97,201	103,835	115,099	130,833	137,917	182,414	236,135	259,698	238,569
Motor gasoline	31,597	39,677	54,127	59,445	64,459	70,048	74,402	95,166	123,311	137,116	129,945
Distillate fuel oil	6,130	9,412	15,180	15,660	18,373	21,975	23,649	32,462	40,806	48,231	44,036
Jet fuel	1,539	2,129	3,414	4,466	4,854	5,859	6,594	9,165	14,838	15,636	14,974
Residual fuel	2,045	4,822	10,452	10,257	11,571	14,262	13,542	17,639	21,624	22,448	16,958
Electricity sales	23,488	33,901	42,733	50,876	57,267	66,638	74,868	81,728	98,475	116,624	126,953
Residential sector [2]	19,904	26,968	32,518	36,866	41,745	47,641	51,827	57,559	68,886	78,095	86,540
Natural gas	5,295	6,259	6,978	8,407	9,996	11,351	12,477	14,708	17,521	19,564	23,995
Petroleum	4,159	5,863	7,389	7,577	8,856	9,880	10,016	10,916	12,685	13,486	12,687
Electricity sales	10,397	14,720	17,922	20,675	22,698	26,199	29,115	31,752	38,513	44,802	49,600
Commercial sector [2]	10,777	15,295	19,652	23,132	26,677	30,947	34,134	38,326	47,447	56,029	61,709
Electricity sales	7,408	10,839	13,546	16,377	18,418	21,341	23,801	25,000	30,985	37,976	42,031
Industrial sector [2]	15,987	23,013	36,159	40,056	46,185	54,329	59,266	75,468	91,060	102,288	98,162
Natural gas	2,585	3,809	4,754	5,543	7,116	8,472	9,061	11,556	15,868	19,839	19,819
Petroleum	5,811	8,497	15,542	15,424	17,795	21,652	22,431	32,931	40,852	42,675	38,169
Electricity sales	5,651	8,303	11,208	13,750	16,070	19,016	21,865	24,870	28,849	33,700	35,157
Transportation sector [2]	35,565	46,169	64,745	71,337	77,919	86,315	92,538	123,059	163,799	183,925	173,250
Motor gasoline	30,525	38,607	52,754	57,992	62,975	68,529	72,903	93,284	120,744	134,392	127,598
Electric utilities [2]	4,321	8,210	17,134	17,555	19,080	23,935	26,546	30,989	37,057	43,215	41,306
Coal	2,240	3,875	8,766	8,304	8,402	10,287	12,286	13,710	16,084	19,358	20,632
Natural gas	1,148	1,299	1,736	2,436	3,256	4,198	4,673	6,281	8,342	10,488	11,213
Petroleum	886	2,837	6,360	6,346	6,881	8,702	8,673	10,048	11,441	11,926	7,774
AVERAGE FUEL PRICES (dol. per mil. Btu)											
All sectors	1.65	2.03	2.88	3.35	3.58	4.00	4.25	5.20	6.88	8.01	8.46
Residential sector	2.10	2.73	3.40	3.84	4.17	4.82	5.19	6.01	7.55	8.93	9.38
Commercial sector	1.98	2.60	3.45	4.14	4.46	5.21	5.65	6.24	7.97	9.65	10.51
Industrial sector	.81	1.08	1.77	2.18	2.39	2.75	2.98	3.58	4.59	5.35	5.93
Transportation sector	2.32	2.59	3.72	4.05	4.21	4.49	4.62	6.21	8.61	9.78	9.40
Electric utilities	.32	.49	1.03	1.03	1.03	1.19	1.29	1.48	1.74	2.00	2.01

[1] Includes electricity sales; excludes electricity generation. [2] Includes sources or fuel types not shown separately.

Source: U.S. Energy Information Administration, *State Energy Price and Expenditure Report, 1970–1982.*

No. 963. Energy Expenditures—Source and End-Use Sector, by State: 1982

[In millions of dollars, except per capita. End-use sector and electric utilities exclude expenditures on energy sources such as hydropower, solar, wind, and geothermal. Also excludes expenditures for reported amounts of energy assumed by the energy industry for production, transportation, and processing operations]

Division and State	Total[1]	Per capita[2] (dol.)	Source					End-use sector				Electric utilities
			Petroleum products		Natural gas	Coal	Electricity sales	Residential	Commercial	Industrial	Transportation	
			Total	Gasoline								
U.S	[3] 419,661	1,811	238,569	129,945	67,659	26,166	126,953	86,540	61,709	[3]98,162	173,250	41,306
N. Eng:												
ME	2,407	2,119	1,911	624	19	17	558	521	243	832	811	127
NH	1,491	1,573	1,000	507	64	50	494	449	193	274	575	117
VT	795	1,529	527	306	27	3	242	222	100	140	332	36
MA	9,545	1,660	6,232	2,752	1,305	224	2,891	2,795	2,024	1,275	3,451	1,130
RI	1,403	1,472	817	448	199	—	413	420	234	244	505	27
CT	5,576	1,784	3,587	1,631	571	2	1,938	1,751	1,042	905	1,878	602
Mid. Atl:												
NY	26,221	1,493	14,260	7,131	4,307	585	9,651	7,296	7,000	3,732	8,193	2,679
NJ	15,250	2,053	9,188	3,908	2,214	168	4,419	3,701	2,720	2,672	6,157	827
PA	19,592	1,649	9,662	5,390	3,231	2,315	6,342	5,128	2,652	5,117	6,695	2,079
E. No. Cent:												
OH	20,333	1,888	10,145	5,735	3,660	2,519	5,872	4,528	2,625	6,024	7,156	1,883
IN	10,917	1,992	5,308	3,085	1,833	1,830	3,045	2,178	1,014	3,582	4,144	1,099
IL	19,830	1,730	9,505	5,656	4,324	1,508	6,190	4,682	3,699	4,174	7,275	1,854
MI	14,786	1,622	7,120	4,890	3,345	1,419	4,048	3,574	2,095	3,448	5,670	1,235
WI	7,986	1,683	4,132	2,513	1,559	576	2,213	2,066	1,102	1,837	2,981	585
W. No. Cent:												
MN	7,235	1,751	4,212	2,470	1,168	285	1,633	1,737	799	1,731	2,967	312
IA	5,775	1,987	3,185	1,833	981	392	1,559	1,310	759	1,515	2,191	356
MO	8,624	1,745	4,950	2,983	1,353	756	2,297	1,925	1,170	1,750	3,778	732
ND	1,467	2,184	1,050	513	99	166	307	264	136	386	682	155
SD	1,314	1,893	922	505	111	42	276	274	123	309	608	38
NE	2,951	1,857	1,773	1,021	522	114	657	571	423	669	1,288	182
KS	4,682	1,944	2,595	1,510	979	286	1,271	923	659	1,078	2,023	448
So. Atl:												
DE	1,139	1,898	766	348	129	101	368	256	194	231	458	225
MD	7,235	1,694	4,090	2,432	878	482	2,266	1,688	1,022	1,569	2,956	535
DC	1,033	1,651	388	224	188	8	457	199	342	182	310	7
VA	9,394	1,713	5,459	3,227	789	530	3,047	2,035	1,467	1,541	4,351	537
WV	3,488	1,779	1,742	1,037	509	1,430	994	670	359	1,179	1,281	1,187
NC	9,839	1,635	5,792	3,627	673	1,178	3,294	2,127	1,105	2,177	4,430	1,134
SC	5,476	1,697	2,941	1,977	441	515	2,002	1,042	622	1,378	2,434	493
GA	10,138	1,795	5,875	3,616	1,325	978	2,926	1,780	1,178	2,165	5,016	997
FL	16,997	1,624	11,460	6,304	961	508	6,472	3,688	2,510	2,047	8,751	2,511
E. So. Cent:												
KY	6,530	1,769	3,614	2,162	655	1,003	2,141	1,191	677	1,782	2,880	884
TN	8,716	1,872	4,405	2,962	785	802	3,419	1,496	1,281	2,193	3,747	740
AL	7,596	1,927	3,844	2,379	937	1,028	2,555	1,364	813	2,344	3,075	896
MS	4,480	1,744	2,581	1,523	802	243	1,377	822	507	1,047	2,105	522
W. So. Cent:												
AR	4,320	1,873	2,518	1,408	725	218	1,173	788	413	1,200	1,919	369
LA	12,983	2,962	8,171	2,714	3,231	146	2,800	1,516	1,413	5,854	4,199	1,365
OK	6,367	1,974	3,614	2,325	1,471	329	1,798	1,200	772	1,307	3,087	845
TX	40,129	2,618	23,613	9,824	9,455	1,465	11,192	5,674	4,534	14,859	15,061	5,596
Mt:												
MT	1,509	1,875	997	569	209	32	299	249	177	318	765	27
ID	1,645	1,684	950	577	191	16	488	253	238	435	719	—
WY	1,673	3,286	1,158	464	207	270	283	179	144	646	703	245
CO	5,165	1,682	2,820	1,868	926	315	1,404	1,112	965	699	2,389	301
NM	2,528	1,849	1,661	951	416	180	608	352	387	444	1,345	336
AZ	4,964	1,717	2,641	1,703	528	419	1,870	927	830	894	2,313	495
UT	2,488	1,584	1,398	893	356	246	659	453	294	545	1,196	171
NV	1,945	2,220	1,202	658	219	175	585	334	196	341	1,074	237
Pac:												
WA	6,797	1,590	4,342	2,368	574	117	1,852	1,200	872	1,277	3,448	114
OR	4,534	1,699	2,929	1,565	404	21	1,196	738	578	1,001	2,216	49
CA	38,913	1,576	22,714	14,055	7,583	148	11,923	6,434	6,640	6,002	19,836	3,488
AK	1,531	3,449	1,191	303	177	8	214	176	141	336	878	58
HI	1,993	1,999	1,615	469	43	—	774	280	226	542	946	439

— Represents zero. [1] Includes sources not shown separately. [2] Based on estimated resident population as of July 1.
[3] Includes net imports of coal coke not shown separately by State.

Source: U.S. Energy Information Administration, *State Energy Price and Expenditure Report, 1970–1982.*

No. 964. Residential Energy Consumption, Expenditures, and Average Prices, 1979 to 1983, and by Region, 1983

[For period **April** to **March** of year stated. Excludes Alaska and Hawaii in 1979 and 1980. Covers occupied units only. Based on Residential Energy Consumption Survey; see Appendix III. For composition of regions, see fig. I, inside front cover. Excludes household usage of gasoline for transportation and the use of wood or coal. Btu = British thermal unit; see text, p. 555]

TYPE OF FUEL	Unit	1979, all households	1980, all households	1981, all households	1982, all households	1983				
						All households	Northeast	Midwest	South	West
CONSUMPTION										
Total	**Quad. Btu**	**10.56**	**9.74**	**9.32**	**9.51**	**8.62**	**2.18**	**2.60**	**2.46**	**1.38**
Average per household	Mil. Btu	138	126	114	114	103	122	122	88	84
Natural gas	Quad. Btu	5.58	5.31	4.94	5.39	4.77	.99	1.76	1.19	.89
Electricity	Quad. Btu	2.47	2.42	2.46	2.48	2.42	.38	.57	1.05	.42
Fuel oil, kerosene	Quad. Btu	2.19	1.71	1.55	1.33	1.14	.79	.15	.17	.03
Liquid petroleum gas	Quad. Btu	.33	.31	.36	.31	.29	.02	.11	.12	.04
EXPENDITURES										
Total	**Bil. dol.**	**55.5**	**63.2**	**74.8**	**85.0**	**87.8**	**24.6**	**22.6**	**28.6**	**12.0**
Average per household	Dollars	724	815	917	1,022	1,048	1,369	1,060	1,019	731
Natural gas	Bil. dol.	15.3	17.8	19.3	24.5	27.1	7.2	9.2	6.3	4.3
Electricity	Bil. dol.	29.9	32.6	40.1	45.9	48.4	10.4	11.2	19.6	7.1
Fuel oil, kerosene	Bil. dol.	8.6	10.7	12.5	11.8	9.6	6.7	1.3	1.4	.3
Liquid petroleum gas	Bil. dol.	1.7	2.1	2.9	2.7	2.7	.3	.9	1.2	.4
AVERAGE PRICE (per million Btu)										
Total	**Dollars**	**5.25**	**6.49**	**8.03**	**8.93**	**10.18**	**11.25**	**8.69**	**11.60**	**8.73**
Natural gas	Dollars	2.74	3.36	3.90	4.55	5.67	7.28	5.21	5.62	4.85
Electricity	Dollars	12.10	13.46	16.32	18.51	19.98	27.46	19.55	18.73	18.91
Fuel oil, kerosene	Dollars	3.93	6.29	8.04	8.89	8.42	8.43	8.28	8.51	8.58
Liquid petroleum gas	Dollars	5.09	6.71	7.92	8.74	9.42	11.52	8.44	9.82	9.68

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures*, annual.

No. 965. Residential Energy Consumption and Expenditures, by Type of Fuel and Selected Household Characteristic: 1983

[For period **April 1982** to **March 1983**. Quad.=quadrillion. See headnote, table 964]

CHARACTERISTIC	CONSUMPTION (Btu's)					EXPENDITURES				
	Total [1] (quad.)	Avg. per household [1] (mil.)	Natural gas (quad.)	Electricity (quad.)	Fuel oil [2] (quad.)	Total [1] (bil. dol.)	Avg. per household [1] (dol.)	Natural gas (bil. dol.)	Electricity (bil. dol.)	Fuel oil [2] (bil. dol.)
Total households	**8.62**	**103**	**4.77**	**2.42**	**1.14**	**87.8**	**1,048**	**27.1**	**48.4**	**9.6**
Single family detached	6.04	112	3.34	1.76	.71	60.2	1,120	18.1	34.0	6.0
Single family attached	.43	112	.29	.10	.04	4.4	1,142	1.9	2.1	.4
2–4 unit building	1.00	93	.63	.20	.16	9.9	974	3.9	4.6	1.4
5 or more unit building	.89	73	.44	.26	.19	10.0	818	2.8	5.6	1.6
Mobile home	.27	72	.08	.11	.03	3.2	861	.4	2.1	.3
Year house built:										
1939 or earlier	2.73	115	1.59	.48	.55	25.4	1,077	9.3	10.5	4.6
1940–1949	.75	108	.43	.18	.14	7.4	1,049	2.5	3.6	1.2
1950–1959	1.46	109	.90	.34	.19	14.1	1,056	5.0	7.2	1.6
1960–1964	.90	105	.51	.27	.11	9.4	1,089	2.8	5.4	.9
1965–1969	.79	98	.45	.28	.04	8.4	1,040	2.6	5.3	.3
1970–1974	.92	90	.46	.37	.05	10.3	1,012	2.5	7.0	.4
1975–1979	.87	88	.37	.40	.07	10.3	1,030	2.0	7.4	.6
1980 or later	.19	67	.07	.11	(S)	2.5	859	.4	2.0	(S)
Heating and cooling degree day zones: [3]										
Less than 2,000 CDD and—										
More than 7,000 HDD	.96	112	.50	.22	.17	8.8	1,038	2.7	4.1	1.5
5,500–7,000 HDD	2.58	123	1.63	.54	.35	23.9	1,138	9.0	11.4	3.0
4,000–5,499 HDD	2.41	109	1.20	.62	.54	25.8	1,165	7.8	12.9	4.6
Less than 4,000 HDD	1.67	85	.99	.56	.06	16.2	829	4.9	10.2	.5
More than 2,000 CDD and less than 4,000 HDD	1.01	80	.46	.49	.01	13.1	1,038	2.7	9.8	.1
1981 family income:										
Less than $5,000	.80	86	.45	.17	.14	7.8	834	2.7	3.6	1.1
$5,000–$9,999	1.24	90	.70	.31	.17	12.2	886	3.9	6.4	1.4
$10,000–$14,999	1.23	95	.62	.34	.21	12.6	973	3.4	6.8	1.8
$15,000–$19,999	.90	98	.50	.25	.13	9.2	995	2.9	4.9	1.1
$20,000–$24,999	1.11	104	.63	.31	.14	11.3	1,062	3.6	5.9	1.2
$25,000–$34,999	1.67	110	.90	.52	.19	17.3	1,139	5.1	10.1	1.6
$35,000 and over	1.67	132	.98	.51	.17	17.4	1,377	5.5	10.3	1.4

S Data withheld because of a large variance. [1] Includes liquid petroleum gas, not shown separately. [2] Includes kerosene. [3] CDD=Cooling degree day; HDD=Heating degree day.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures, April 1982 through March 1983.*

No. 966. Average Residential Energy Consumption and Expenditures of All Fuels Used, by Main Heating Fuel Type and Household Characteristic: 1983

[For period **April 1982** through **March 1983.** See headnote, table 964]

Household characteristic	Consumption per household (mil. Btu)					Expenditures per household (dollars)				
	All households [1]	Households using as main heating fuel—				All households [1]	Households using as main heating fuel—			
		Natural gas	Electricity		Fuel oil [2]		Natural gas	Electricity		Fuel oil [2]
			With air conditioning	Without air conditioning				With air conditioning	Without air conditioning	
Total households	**103**	**118**	**64**	**55**	**125**	**1,046**	**1,011**	**1,040**	**768**	**1,433**
Region:										
Northeast	122	134	51	52	135	1,369	1,331	1,128	1,080	1,549
Midwest	122	133	72	83	128	1,060	1,024	1,064	1,236	1,404
South	88	112	63	47	98	1,019	1,054	1,074	790	1,190
West	84	94	63	55	99	731	725	839	574	926
Type:										
Single-family detached	112	133	71	66	129	1,120	1,110	1,151	891	1,491
Single-family attached	112	121	69	70	142	1,142	1,119	1,031	1,329	1,534
2–4 unit building	93	101	61	51	124	974	897	1,006	668	1,398
5 or more unit building	73	72	53	35	121	818	648	886	456	1,367
Mobile home	72	91	49	51	80	861	784	870	781	998
Year house built:										
1939 or earlier	115	124	76	52	136	1,077	990	1,106	703	1,500
1940 to 1949	108	116	57	59	127	1,049	978	948	956	1,483
1950 to 1959	109	119	69	67	117	1,056	1,022	1,104	782	1,362
1960 to 1964	105	114	67	60	121	1,089	1,027	1,151	673	1,505
1965 to 1969	98	118	59	59	103	1,040	1,066	1,041	825	1,208
1970 to 1974	90	115	62	58	98	1,012	1,011	1,063	845	1,170
1975 to 1979	88	117	66	52	111	1,030	1,064	1,022	736	1,318
1980 or later	67	86	59	42	(s)	859	799	949	701	(s)
1981 family income:										
Less than $5,000	86	93	56	52	117	834	771	834	716	1,259
$5,000–$9,999	90	104	59	46	115	886	833	909	676	1,285
$10,000–$14,999	95	108	56	49	117	973	899	939	736	1,343
$15,000–$19,999	98	118	56	51	119	995	967	1,013	697	1,345
$20,000–$24,999	104	118	56	59	134	1,062	1,023	944	811	1,544
$25,000–$34,999	110	125	66	75	132	1,139	1,104	1,059	966	1,543
$35,000 or more	132	152	87	63	147	1,377	1,361	1,362	805	1,777

S Data withheld because of a large variance.
[1] Includes households using liquid petroleum gas, not shown separately. [2] Includes kerosene.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures, April 1982 through March 1983.*

No. 967. Fossil Fuel Prices in Current and Constant (1972) Dollars: 1960 to 1984

[In cents per million British thermal units (Btu), except as indicated. All fuel prices taken as close to the point of production as possible. See text, p. 555, for explanation of Btu conversions from mineral fuels. Minus sign (–) indicates decrease]

Year or period	Current dollars					Constant (1972) dollars					GNP [3] price deflators (1972=100)
	Composite [1]	Crude oil	Natural gas	Bituminous coal [2]	Anthracite coal	Composite [1]	Crude oil	Natural gas	Bituminous coal [2]	Anthracite coal	
1960	28.3	49.7	12.6	18.8	33.0	41.2	72.3	18.3	27.4	48.0	68.7
1965	27.7	49.3	14.5	17.9	35.3	37.3	66.3	19.5	24.1	47.5	74.4
1970	31.7	54.8	15.4	26.2	47.1	34.7	59.9	16.8	28.6	51.5	91.5
1972	35.0	58.4	17.3	32.8	52.9	35.0	58.4	17.3	32.8	52.9	100.0
1973	39.8	67.1	20.1	36.5	58.9	37.6	63.5	19.0	34.5	55.7	105.8
1974	67.6	118.4	27.3	68.2	98.4	58.7	102.9	23.7	59.3	85.5	115.1
1975	82.5	132.2	41.1	3.9	144.1	65.6	105.1	32.7	6.7	114.6	125.8
1976	90.2	141.2	53.1	85.0	149.0	68.2	106.7	40.1	64.2	112.6	132.3
1977	100.8	147.8	72.3	87.7	150.4	72.0	105.5	51.6	62.6	107.4	140.1
1978	111.5	155.2	83.6	97.9	149.9	74.1	103.2	55.6	65.1	99.7	150.4
1979	141.7	217.9	108.1	105.3	174.1	86.7	133.3	66.1	64.4	106.5	163.4
1980	204.1	372.2	144.8	109.4	182.1	114.4	208.6	81.2	61.3	102.1	178.4
1981	274.5	547.8	179.5	117.9	186.9	140.3	280.1	91.8	60.3	95.6	195.6
1982	275.8	491.7	222.2	122.1	210.4	133.0	237.1	107.1	58.9	101.5	207.4
1983	270.1	451.6	232.3	117.2	225.0	125.4	209.7	107.9	54.4	104.5	215.3
1984, prel	264.6	446.0	235.9	122.1	236.7	118.4	199.6	105.6	54.6	105.9	223.4
Percent change:											
1960–70	12.0	10.3	22.2	39.4	42.7	–15.8	–17.2	–8.2	4.4	7.3	33.1
1970–73	25.6	22.4	30.5	39.3	25.1	8.4	6.0	13.1	20.6	8.2	15.6
1973–75	107.3	97.0	104.5	129.9	144.7	74.5	65.5	72.1	93.3	105.7	19.0
1975–79	71.8	64.8	163.0	25.5	20.8	32.2	26.8	102.1	–3.4	–7.1	29.9
1979–80	44.0	70.8	34.0	3.9	4.6	31.9	56.5	22.8	–4.8	–4.1	9.2
1980–81	34.5	47.2	24.0	7.8	2.6	22.6	34.3	13.1	–1.6	–6.4	9.6
1981–82	.5	–10.2	23.8	3.6	12.6	–5.2	–15.4	16.7	–2.3	6.2	6.0
1982–83	–2.1	–8.2	4.5	–4.0	6.9	–5.7	–11.6	.7	–7.6	3.0	3.8
1983–84, prel	–2.0	–1.2	1.5	4.2	5.2	–5.6	–4.8	–2.1	.4	1.3	3.8

[1] Weighted by relative importance of individual fuels in total fuels production. [2] Includes lignite. [3] GNP=Gross national product; see text, p. 467.

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 968. World Energy Consumption, by Region and Energy Source: 1960 to 1983

[In tons of coal equivalent. Metric ton=1.1023 short tons. Kilogram=2.205 pounds. See text, p. 832 for general comments about the data]

Region and energy source	Consumption (mil. metric tons)					Per capita (kilograms)				Percent distribution			
	1960	1970	1980	1982	1983	1960	1970	1980	1983	1960	1970	1980	1983
World total	**3,924**	**6,440**	**8,544**	**8,429**	**8,523**	**1,302**	**1,748**	**1,919**	**1,820**	**100.0**	**100.0**	**100.0**	**100.0**
North America [1]	1,599	2,502	2,796	2,620	2,597	5,951	7,825	7,480	6,661	40.7	38.9	32.7	30.5
United States	1,454	2,217	2,364	2,193	2,175	8,047	10,811	10,386	9,304	37.1	34.4	27.7	25.5
South America	79	143	251	248	247	535	749	1,046	959	2.0	2.2	2.9	2.9
Europe	1,039	1,720	2,145	2,037	2,040	2,443	3,745	4,433	4,173	26.5	26.7	25.1	23.9
Asia	514	903	1,579	1,635	1,704	276	386	607	621	13.1	14.0	18.5	20.0
Japan	96	333	435	409	404	1,025	3,246	3,726	3,397	2.4	5.2	5.1	4.7
U.S.S.R	595	999	1,473	1,567	1,612	2,777	4,132	5,549	5,900	15.2	15.5	17.2	18.9
Oceania	41	71	105	111	108	2,597	3,675	4,572	4,472	1.0	1.1	1.2	1.3
Energy source:													
Solid fuels	1,940	2,159	2,632	2,685	2,753	644	586	591	598	49.4	33.5	30.8	32.3
Liquid fuels	1,306	2,835	3,778	3,567	3,537	433	770	848	755	33.3	44.0	44.2	41.5
Natural gas	593	1,292	1,834	1,844	1,876	197	351	412	401	15.1	20.1	21.5	22.0
Electricity	84	154	301	333	358	28	42	68	76	2.1	2.4	3.5	4.2

[1] Includes Central America.

Source: Statistical Office of the United Nations, New York, NY, *Energy Statistics Yearbook*, annual. (Copyright.)

No. 969. World Primary Energy Production, by Region and Type: 1973 to 1983

[In quadrillion Btu. Btu=British thermal units. For Btu conversion factors, see source]

Region and type	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
World total	**244.8**	**248.8**	**246.0**	**260.4**	**269.1**	**274.4**	**288.8**	**287.6**	**281.8**	**280.2**	**280.1**
North America	73.3	72.3	71.1	71.3	72.4	74.0	78.2	80.6	81.0	81.6	79.3
United States	62.0	60.7	59.7	59.8	60.1	61.0	63.7	64.6	64.3	63.7	61.0
Central and South America	12.9	12.1	10.6	10.8	11.0	11.4	12.4	12.1	12.1	11.9	11.9
Western Europe	19.6	20.0	21.4	22.3	23.9	24.8	27.4	28.7	29.9	30.6	32.0
Eastern Europe and U.S.S.R.	51.4	54.2	56.5	59.5	62.2	64.6	66.8	68.7	68.9	71.7	73.1
Middle East	46.6	48.3	43.6	49.2	49.8	47.2	48.4	41.7	35.9	29.1	27.0
Africa	14.8	13.9	13.2	15.4	16.4	16.5	18.1	17.5	14.9	15.1	15.7
Far East and Oceania	26.2	28.0	29.7	31.9	33.3	35.9	37.6	38.3	39.2	40.2	41.2
Crude oil	117.8	118.1	111.6	121.3	126.0	126.3	131.5	125.5	117.5	112.2	111.2
Natural gas	*43.2*	*44.0*	*43.9*	*45.8*	*47.1*	*48.5*	*51.7*	*53.3*	*53.7*	*53.2*	*53.5*
Natural gas liquids	4.2	4.4	4.4	4.5	4.7	4.8	5.2	5.5	5.9	5.8	6.0
Coal	63.8	64.7	67.3	69.2	70.4	71.6	76.1	77.7	77.8	80.7	79.4
Hydroelectric power	13.5	14.8	15.0	15.1	15.5	16.7	17.6	18.2	18.4	18.9	19.6
Nuclear	2.2	2.9	3.9	4.5	5.4	6.4	6.7	7.5	8.6	9.4	10.5

Source: U.S. Energy Information Administration, *International Energy Annual.*

No. 970. Daily International Flow of Crude Oil, by Area: 1982

[In thousands of barrels per day]

Exporting area	Total	Importing area								
		North America		Central and South America	Western Europe		Eastern Europe	Middle East and Africa	Japan	Other Far East and Oceania
		U.S.	Canada		Atlantic Ocean, North Sea	Mediterranean Sea				
World total	***25,488***	***3,488***	***327***	***2,558***	***5,395***	***4,040***	***1,760***	***1,184***	***3,742***	***2,993***
North America	2,046	859	90	500	212	280	–	–	96	10
United States	236	(X)	36	200	–	–	–	–	–	–
Central and South America	1,367	322	127	613	117	102	1	6	28	51
Western Europe	1,726	543	18	46	1,053	62	–	4	–	–
Eastern Europe and U.S.S.R.	2,542	–	–	200	503	280	1,400	30	1	128
Middle East	12,223	681	65	867	2,320	2,433	289	866	2,596	2,106
Africa	3,587	824	27	257	1,180	859	68	253	63	56
Far East and Oceania	1,998	260	–	75	10	25	2	25	958	643

– Represents zero. X Not applicable. [1] Includes shipments to Puerto Rico and Virgin Islands.

Source: U.S. Energy Information Administration, *International Energy Annual.*

No. 971. U.S. Foreign Trade in Selected Mineral Fuels: 1960 to 1984

[Btu=British thermal units. For Btu conversion factors, see text, p. 555. Minus sign (−) indicates an excess of imports over exports. See also *Historical Statistics, Colonial Times to 1970*, series M 100, 101, 127, 128, 140, 141, 178, and 181]

YEAR	NATURAL GAS						CRUDE OIL					
	Imports		Exports		Net trade		Imports [1]		Exports		Net trade	
	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1960	155.6	161	11.3	12	−144.3	−149	372	2,196	3	18	−369	−2,178
1970	820.8	846	69.8	72	−751.0	−774	483	2,814	5	29	−478	−2,785
1971	934.5	964	80.2	83	−854.3	−881	613	3,573	1	3	−612	−3,570
1972	1,019.5	1,047	78.0	80	−941.5	−967	811	4,712	(z)	1	−811	−4,710
1973	1,032.9	1,060	77.2	79	−955.7	−981	1,184	6,887	1	4	−1,183	−6,883
1974	959.3	985	76.8	78	−882.5	−907	1,269	7,395	1	6	−1,268	−7,389
1975	953.0	978	72.7	74	−880.3	−904	1,498	8,721	2	12	−1,496	−8,709
1976	963.8	988	64.7	66	−899.1	−922	1,935	11,239	3	17	−1,932	−11,221
1977	1,011.0	1,037	55.6	56	−955.4	−981	2,414	14,027	18	106	−2,396	−13,921
1978	965.5	995	52.5	53	−913.0	−941	2,320	13,460	58	335	−2,262	−13,125
1979	1,253.4	1,300	55.7	56	−1,197.7	−1,243	2,380	13,825	86	497	−2,294	−13,328
1980	984.8	1,006	48.7	49	−900.1	−957	1,926	11,195	105	609	−1,821	−10,586
1981	903.9	917	59.4	60	−844.5	−857	1,605	9,336	83	482	−1,522	−8,854
1982	933.3	950	51.7	52	−881.6	−898	1,273	7,416	86	500	−1,187	−6,916
1983	919.8	942	54.6	55	−865.1	−887	1,215	7,079	60	348	−1,155	−6,731
1984, prel	861.0	882	55.0	56	−806.0	−826	1,254	7,302	66	384	1,188	6,918

	COAL						PETROLEUM PRODUCTS					
	Imports		Exports		Net trade		Imports		Exports		Net trade	
	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1960	262	7	37,981	1,023	33,720	1,017	293	1,802	71	413	−222	−1,389
1970	36	1	71,733	1,936	71,697	1,935	765	4,656	89	520	−676	−4,136
1971	111	3	57,304	1,546	57,193	1,543	819	4,968	81	470	−738	−4,498
1972	47	1	56,740	1,531	56,693	1,530	924	5,587	81	467	−843	−5,120
1973	127	3	53,587	1,425	53,460	1,422	1,099	6,578	84	482	−1,015	−6,097
1974	2,080	52	60,661	1,620	58,581	1,568	962	5,731	79	458	−883	−5,273
1975	940	24	66,309	1,761	65,369	1,738	712	4,227	74	427	−638	−3,800
1976	1,203	30	60,021	1,597	58,818	1,567	741	4,434	79	452	−662	−3,982
1977	1,647	41	54,312	1,442	52,665	1,401	800	4,728	70	408	−730	−4,321
1978	2,953	74	40,714	1,078	37,761	1,004	733	4,364	74	432	−659	−3,932
1979	2,059	51	66,042	1,753	63,983	1,702	707	4,108	86	505	−621	−3,603
1980	1,194	30	91,742	2,421	90,548	2,391	603	3,463	94	551	−509	−2,912
1981	1,043	26	112,541	2,944	111,498	2,918	584	3,303	134	781	−450	−2,522
1982	742	19	106,277	2,787	105,535	2,768	593	3,359	211	1,224	−382	−2,135
1983	1,271	32	77,772	2,045	76,501	2,013	629	3,588	210	1,217	−419	−2,351
1984, prel	1,234	31	81,482	2,154	80,248	2,123	724	4,099	198	1,162	−526	−2,937

Z Less than 500,000. [1] Beginning 1977, includes strategic petroleum reserve imports.

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 972. Crude Oil Imports Into U.S., by Country of Origin: 1970 to 1984

COUNTRY OF ORIGIN	IMPORTS (mil. 42-gal. bbls.)												PERCENT DISTRIBUTION	
	1970	1973	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1970	1984
Total	**483**	**1,184**	**1,498**	**1,935**	**2,414**	**2,320**	**2,380**	**1,926**	**1,605**	**1,273**	**1,215**	**1,254**	**100.0**	**100.0**
Canada	245	365	219	136	102	90	99	73	60	78	100	125	50.7	9.9
Mexico	–	(z)	26	32	65	115	160	186	171	235	280	241	–	19.2
Norway	–	–	5	13	18	38	28	53	42	37	24	41	–	3.3
Trinidad-Tobago	(z)	22	42	38	49	52	45	42	37	34	30	32	(z)	2.5
United Kingdom	–	–	–	5	36	62	72	63	135	161	133	138	–	11.0
OPEC	**222**	**767**	**1,171**	**1,663**	**2,058**	**1,892**	**1,866**	**1,414**	**1,067**	**633**	**540**	**553**	**46.0**	**44.1**
Algeria	2	44	96	149	198	231	222	167	95	33	64	71	.4	5.7
Ecuador	–	17	21	19	20	14	11	6	14	12	21	17	–	1.4
Gabon	–	–	10	10	13	14	15	9	13	14	21	21	–	1.7
Indonesia	26	73	138	196	185	195	139	115	116	82	115	111	5.4	8.9
Iran	12	79	102	109	193	202	108	3	–	13	18	4	2.5	.3
Iraq	–	2	(z)	10	27	23	32	10	–	1	4	5	–	.4
Kuwait	12	15	1	(z)	15	2	2	10	–	1	3	9	2.5	.7
Libya	17	49	81	162	257	233	234	200	116	8	–	–	3.5	–
Nigeria	17	164	272	371	412	332	390	308	223	186	110	76	3.5	6.0
Qatar	–	3	7	9	24	23	11	8	3	3	–	1	–	.1
Saudi Arabia	15	169	256	447	501	417	492	458	406	194	117	113	3.1	9.0
United Arab Emirates	23	26	43	93	122	141	103	63	28	30	7	33	4.8	2.6
Venezuela	98	126	144	88	91	66	107	57	54	56	60	93	20.3	7.4
Other	16	30	35	48	86	71	110	95	93	95	108	124	3.3	9.9

– Represents zero. Z Less than 500,000 or less than .05 percent.

Source: 1970–1976, U.S. Bureau of Mines, *Minerals Yearbook* and *Mineral Industry Surveys;* 1977–1980, U.S. Energy Information Administration, *Petroleum Statement,* annual; thereafter, U.S. Energy Information Administration, *Petroleum Supply Annual.*

No. 973. Crude Oil and Refined Products Summary: 1973 to 1985

[Barrels of 42 gallons]

Year and month	Crude oil (1,000 bbl. per day)					Refined oil products (1,000 bbl. per day)			Total oil imports [2] (1,000 bbl. per day)	Crude oil stocks [3] (mil. bbl.)	
	Input to refineries	Domestic production	Imports		Exports	Domestic demand	Imports	Exports		Total	Strategic reserve
			Total [1]	Strategic reserve							
1973, avg	12,431	9,208	3,244	(x)	2	17,308	3,012	229	6,256	242	(x)
1974, avg	12,133	8,774	3,477	(x)	3	16,653	2,635	218	6,112	265	(x)
1975, avg	12,442	8,375	4,105	(x)	6	16,322	1,951	204	6,056	271	(x)
1976, avg	13,416	8,132	5,287	(x)	8	17,461	*2,026*	*215*	*7,313*	*285*	(x)
1977, avg	14,602	8,245	6,615	21	50	18,431	2,193	193	8,807	348	7
1978, avg	14,739	8,707	6,356	162	158	18,847	2,008	204	8,363	376	67
1979, avg	14,648	8,552	*6,519*	*67*	*235*	*18,513*	*1,937*	*236*	*8,456*	*430*	*91*
1980, avg	13,481	8,597	5,263	44	287	17,056	1,646	258	6,909	466	108
1981, avg	12,470	8,572	4,396	256	228	16,058	1,599	367	5,996	594	230
1982, avg	11,774	8,649	3,488	165	236	*15,298*	*1,625*	*579*	*5,113*	*644*	*294*
1983, avg	11,685	8,688	3,329	234	164	15,231	1,722	575	5,051	723	379
1984, avg	12,044	8,879	3,426	197	181	15,726	2,011	541	5,437	796	451
1st qtr	11,890	8,805	3,158	144	191	*16,096*	*2,317*	*475*	*5,475*	*728*	*392*
2d qtr	12,131	8,890	3,635	242	204	15,632	1,976	558	5,611	767	414
3d qtr	12,215	8,896	3,412	187	153	15,620	1,822	491	5,234	756	431
4th qtr	11,947	8,927	3,490	212	176	15,539	1,943	637	5,433	796	451
1985, [4] avg	11,761	8,927	2,989	142	211	15,632	1,817	540	4,806	819	477
1st qtr	11,418	8,928	2,545	123	185	15,813	1,784	596	4,329	791	462
2d qtr	12,104	8,925	3,433	162	237	15,452	1,849	483	5,282	819	477

X Not applicable. [1] Includes Strategic Petroleum Reserve. [2] Crude oil (including Strategic Petroleum Reserve imports) plus refined products. [3] End of year or quarter. [4] Preliminary.

Source: U.S. Energy Information Administration, *Monthly Energy Review*, May 1985.

No. 974. Energy Producing Companies—Selected Financial and Investment Indicators, 1977 to 1983, and by Line-of-Business, 1983

[Based on data from 26 major publicly-owned domestic crude oil producing companies which either had at least one percent of domestic production or reserves of oil, natural gas, coal, or uranium, or at least one percent of refining capacity or petroleum product sales. Minus sign(−) indicates negative]

Item	1977	1978	1979	1980	1981	1982	1983, prel.					
							Total [1]	Line-of-business				
								Petroleum	Coal	Nuclear	Other energy	Non-energy
INCOME STATEMENT (bil. dol.)												
Operating revenues	266.6	294.8	392.6	516.6	575.7	549.7	511.0	424.4	5.3	.8	1.2	94.6
Operating expenses	239.3	265.0	345.8	455.9	520.8	504.2	462.8	374.6	4.8	.8	1.4	93.3
Operating income	27.3	29.8	46.8	62.7	54.8	45.5	48.2	49.8	.5	-	−.2	1.5
Pretax income	28.2	30.2	48.6	66.9	60.0	45.2	47.4	52.7	.5	-	−.2	2.1
Net income	12.7	13.9	23.5	31.0	30.0	21.8	21.9	24.0	.5	(−z)	-	1.8
Funds from operations [2]	27.3	31.2	45.4	59.0	61.6	60.4	60.7	(NA)	(NA)	(NA)	(NA)	(NA)
BALANCE SHEET (bil. dol.)												
Net property, plant, and equipment	125.9	138.1	159.3	188.9	224.9	265.5	278.4	204.6	9.0	1.1	3.6	54.8
Net investment in place [3]	135.1	148.1	169.9	202.6	240.8	282.5	296.3	212.2	9.4	1.1	4.0	62.2
Total assets	217.1	237.1	282.8	333.0	372.5	411.9	421.8	(NA)	(NA)	(NA)	(NA)	(NA)
RATIOS (percent)												
Net income to operating revenues	4.8	4.7	6.0	6.0	5.2	4.0	4.3	5.7	8.9	−2.0	3.4	1.9
Net income to total assets	5.8	5.9	8.3	9.3	8.0	5.3	5.2	(NA)	(NA)	(NA)	(NA)	(NA)
Net income to stockholders' equity	12.6	12.8	18.8	21.1	18.1	11.9	11.4	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to stockholders' equity [4]	38.9	35.6	33.7	31.5	32.2	37.1	34.8	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to total assets [4]	18.0	16.3	14.9	13.9	14.3	16.6	15.9	(NA)	(NA)	(NA)	(NA)	(NA)

- Represents zero. NA Not available. Z Less than $50 million. [1] Includes items which cannot be allocated and adjusted for duplication, not shown separately.

[2] The sum of net income, depreciation, depletion and amortization, deferred taxes, dry hole expenses, etc. [3] Composed of net property, plant and equipment plus investment and advances to unconsolidated subsidiaries. [4] Long-term debt includes amounts applicable to capitalized leases.

Source: U.S. Energy Information Administration, *Performance Profiles of Major Energy Producers*, annual, and unpublished data.

No. 975. Petroleum and Coal Products—Sales, Net Profit, and Profit Per Dollar of Sales: 1974 to 1984

[Represents SIC group 29. Profit rates are averages of quarterly figures at annual rates]

ITEM	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Sales	Bil. dol	113.5	121.8	141.3	162.3	180.3	242.7	333.2	376.1	357.1	312.7	338.4
Net profit:												
Before income taxes	Bil. dol	17.7	13.3	16.9	17.8	19.2	32.2	39.1	35.3	27.8	27.1	24.5
After income taxes	Bil. dol	14.5	9.3	11.7	12.2	12.8	21.9	25.5	23.7	19.7	19.3	17.2
Depreciation [1]	Bil. dol	5.1	5.6	5.9	6.6	7.7	9.5	11.6	13.7	16.3	17.5	20.7
Profits per dollar of sales:												
Before income taxes	Cents	15.6	10.9	12.0	11.0	10.6	13.3	11.7	9.4	7.8	8.7	7.2
After income taxes	Cents	12.8	7.6	8.3	7.5	7.1	9.0	7.7	6.3	5.5	6.2	5.1
Profits on stockholders' equity:												
Before income taxes	Percent	25.8	17.9	20.3	19.9	19.8	30.0	30.7	25.6	18.7	17.6	14.3
After income taxes	Percent	21.1	12.5	14.1	13.6	13.3	20.4	20.0	17.2	13.2	12.7	10.0

[1] Includes depletion and accelerated amortization of emergency facilities.

Source: Through 1981, U.S. Federal Trade Commission and, beginning 1982, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

No. 976. Major Petroleum Companies—Financial Data Summary: 1973 to 1984

[Data represent a composite of approximately 41 major worldwide petroleum companies aggregated on a consolidated, total company basis]

ITEM	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
FINANCIAL DATA (bil. dol.)												
Net income	11.8	15.9	11.6	14.3	15.1	16.0	32.8	32.9	29.2	21.1	20.6	21.8
Depreciation, depletion, etc	10.5	13.0	11.3	14.8	18.3	19.8	24.9	32.5	34.9	37.2	37.4	39.2
Cash flow [1]	22.3	28.9	22.8	29.1	33.4	35.8	57.7	65.4	64.1	58.3	58.1	61.1
Dividends paid	4.0	4.5	4.7	5.4	6.3	6.8	8.0	9.3	10.6	10.6	10.5	11.0
Net internal funds available for investment or debt repayment [2]	18.3	24.5	18.1	23.7	27.1	29.0	49.7	56.1	53.5	47.7	47.6	50.1
Capital and exploratory expenditures	16.3	25.8	26.9	30.7	31.8	37.1	51.1	62.1	79.2	67.8	50.7	55.1
Long-term capitalization	102.9	112.9	121.1	142.9	150.1	168.0	196.9	211.4	248.1	243.8	240.0	265.8
Long-term debt	22.5	25.0	28.9	39.1	38.4	45.1	48.1	49.8	59.2	62.6	61.0	87.5
Preferred stock	.4	.4	.4	.3	.9	.9	.9	2.0	2.0	3.5	3.5	3.8
Common stock and retained earnings [3]	80.0	87.4	91.9	103.5	110.8	122.0	147.9	159.6	186.9	177.7	175.5	174.5
Excess of expenditures over cash income [4]	−2.0	1.3	8.9	6.9	4.7	8.1	1.4	6.0	25.7	20.1	3.1	5.0
RATIOS [5] (percent)												
Long-term debt to long-term capitalization	22.0	22.2	23.8	27.4	25.6	26.8	24.4	23.6	23.8	25.7	25.4	32.9
Net income to total average capital	12.0	14.8	10.0	10.7	10.1	9.9	17.8	17.0	10.4	8.6	8.8	8.6
Net income to average common equity	15.6	19.0	13.1	14.3	13.9	13.5	24.0	22.5	17.7	11.5	12.0	12.5

[1] Generally represents internally-generated funds from operations. Sum of net income and noncash charges such as depreciation, depletion, and amortization. [2] Cash flow minus dividends paid. [3] Includes common stock, capital surplus, and earned surplus accounts after adjustments. [4] Capital and exploratory expenditures plus dividends paid minus cash flow. [5] Represent approximate year-to-year comparisons because of changes in the makeup of the group due to mergers and other corporate changes.

Source: Carl H. Pforzheimer & Co., New York, NY, *Comparative Oil Company Statements, 1983–1984,* and earlier reports.

No. 977. Electric Utility Production: 1960 to 1984

[1960–1984 exclude industrial facilities and railways having own generating facilities; projections include net trade and industrial facilities and railways. For explanation of average annual percent change, see Guide to Tabular Presentation]

ITEM	1960	1965	1970	1975	1980	1981	1982	1983	1984
Electricity generation (bil. kWh)	753	1,055	1,532	1,918	2,286	2,295	2,241	2,310	2,416
Average annual percent change [1]	6.7	7.0	7.7	1.5	3.6	.4	−2.3	3.1	4.6
Per capita [2] kWh (1,000)	4.2	5.5	7.5	9.0	10.1	10.0	9.7	9.9	10.2
Peak load net capability, summer (mil. kW)	138	189	276	345	430	433	418	451	(NA)
Average annual percent change [1]	7.1	6.5	7.9	1.6	6.7	.2	−3.5	7.9	(NA)

NA Not available. [1] Change from prior year shown; for 1960, change from 1955. [2] Based on U.S. Bureau of the Census estimated resident population as of July 1.

Source: 1960–1975, U.S. Federal Power Commission, unpublished data; 1980, U.S. Energy Information Administration, *Electric Energy and Peak Load,* annual; thereafter, *Electric Power Annual.*

NO. 978. ELECTRIC UTILITY INDUSTRY—ELECTRIC ENERGY PRODUCTION, INSTALLED GENERATING CAPACITY, TYPE OF PRIME MOVER, AND CONSUMPTION OF FUELS: 1960 TO 1984

[Production for **calendar years;** other data as of **December 31,** 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970,* series S 32-52, S 78-82, and S 86-107]

ITEM	Unit	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
PRODUCTION											
Total	**Bil. kWh**	**753**	**1,055**	**1,532**	**1,918**	**2,247**	**2,286**	**2,295**	**2,241**	**2,310**	**2,416**
Average annual change [1]	Percent	6.6	7.0	7.8	4.6	4.0	1.7	.4	−2.4	3.1	4.6
Production, kWh per kW of capacity	Rate	4,482	4,470	4,480	3,776	3,758	3,723	3,614	3,448	3,511	3,595
Privately owned	Bil. kWh	579	809	1,183	1,487	1,756	1,783	1,786	1,712	1,764	1,849
Percent of total utilities	Percent	76.8	76.7	77.2	77.5	78.1	78.0	77.0	76.4	76.4	76.5
Publicly owned	Bil. kWh	175	246	349	431	491	503	509	530	546	567
Municipal	Bil. kWh	37	50	71	82	87	87	81	77	73	75
Federal	Bil. kWh	112	145	186	221	236	235	232	241	258	254
Cooperatives and other	Bil. kWh	26	51	91	128	168	182	196	212	215	102
Source of energy:											
Coal [2]	Percent	53.5	54.1	46.2	44.7	48.1	51.1	52.7	53.4	54.8	55.9
Nuclear	Percent	.1	.4	1.4	9.0	11.4	11.0	11.9	12.6	12.7	13.6
Oil	Percent	6.1	6.1	11.9	15.1	13.5	10.7	9.0	6.5	6.2	4.9
Gas	Percent	21.0	21.0	24.3	15.6	14.7	15.1	15.1	13.6	11.9	12.3
Hydro	Percent	19.3	18.4	16.2	15.6	12.4	12.1	11.4	13.8	14.4	13.3
INSTALLED CAPACITY											
Total	**Mil. kW**	**168**	**236**	**342**	**508**	**598**	**614**	**635**	**650**	**658**	**672**
Average annual change [1]	Percent	8.1	7.0	7.7	8.2	4.2	2.7	3.4	2.4	1.2	2.1
Privately owned	Mil. kW	128	178	263	399	464	477	491	499	505	515
Percent of total utilities	Percent	76.5	75.2	76.9	78.5	77.6	77.7	77.3	76.8	76.8	76.6
Publicly owned	Mil. kW	40	59	79	109	134	137	144	151	153	158
Municipal	Mil. kW	11	15	21	29	34	35	35	36	37	37
Federal	Mil. kW	22	32	39	50	58	59	61	63	63	63
Cooperatives and other	Mil. kW	6	11	19	30	42	43	48	52	53	58
TYPE OF PRIME MOVER [3]											
Prime movers, total [4]	Number	3,435	3,290	3,533	3,587	3,573	3,575	3,567	3,515	3,486	3,475
Hydro	Number	1,331	1,231	1,188	1,146	1,145	1,142	1,147	1,168	1,182	1,194
Steam conventional	Number	1,055	1,059	998	937	925	934	937	916	910	905
Gas turbine	Number			323	497	537	541	540	541	542	544
Steam nuclear	Number	5	9	16	42	51	51	53	53	55	55
Internal combustion	Number	1,044	991	1,008	965	915	907	890	837	797	777
Production	Bil. kWh	753	1,055	1,532	1,918	2,247	2,286	2,295	2,241	2,310	2,416
Hydro	Bil. kWh	146	194	248	300	280	276	261	309	332	321
Steam conventional	Bil. kWh	602	852	1,241	1,417	1,680	1,731	1,736	1,633	1,668	1,751
Gas turbine	Bil. kWh			16	22	28	24	22	14	14	15
Steam nuclear	Bil. kWh	1	4	22	173	255	251	273	283	294	328
Internal combustion	Bil. kWh	4	5	6	6	4	3	3	2	2	2
Installed capacity	Mil. kW	168	236	342	508	598	614	635	650	658	672
Hydro	Mil. kW	32	44	55	66	75	76	77	78	79	81
Steam conventional	Mil. kW	133	188	260	353	412	425	440	452	456	465
Gas turbine	Mil. kW			15	44	51	51	51	52	52	52
Steam nuclear	Mil. kW	(z)	1	6	40	55	56	61	63	67	70
Internal combustion	Mil. kW	3	3	4	5	5	6	6	5	5	5
CONSUMPTION OF FUELS											
Net generation by fuel [5]	Bil. kWh	607	861	1,284	1,618	1,968	2,010	2,034	1,932	1,978	2,095
Average annual change [1]	Percent	6.9	7.2	7.6	4.7	5.0	2.1	1.2	−5.0	2.4	5.9
Coal [6]	Bil. kWh	403	571	706	853	1,076	1,162	1,204	1,192	1,260	1,342
Percent of total	Percent	66.4	66.3	54.3	52.7	54.7	57.8	59.2	61.7	63.7	64.1
Fuel oil	Bil. kWh	46	65	182	289	303	246	206	146	144	119
Gas	Bil. kWh	158	221	373	300	329	346	346	305	274	297
Nuclear	Bil. kWh	1	4	22	173	255	251	273	283	294	328
Fuel consumed:											
Total coal equivalent	Mil. sh. tons	266	369	583	770	965	985	1,009	962	982	1,037
Coal	Mil. sh. tons	177	245	321	406	527	569	597	594	625	665
Oil	Mil. bbl	85	115	336	506	523	420	351	250	245	204
Gas	Bil. cu. ft	1,724	2,321	3,932	3,158	3,491	3,682	3,640	3,226	2,911	3,111

Z Less than .5 million. [1] Change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Includes small percentage from wood and waste, geothermal, and petroleum coke. [3] A prime mover is the engine, turbine, water wheel, or similar machine which drives an electric generator. [4] Each prime mover type in combination plants counted separately prior to 1975. [5] Includes limited output of wood, waste, and geothermal power. [6] Includes petroleum coke.

Source: 1960-1970, U.S. Federal Power Commission, *Electric Power Statistics,* and press releases; thereafter, U.S. Energy Information Administration, 1975-1980, *Power Production, Fuel Consumption, and Installed Capacity Data—Annual,* and unpublished data; thereafter, *Electric Power Annual,* and unpublished data.

No 979. Electric Utility Industry—Capability, Peak Load, and Capacity Margin: 1970 to 1983

[Excludes Alaska and Hawaii. Capability represents the maximum kilowatt output with all power sources available and with hydraulic equipment under actual water conditions, allowing for maintenance, emergency outages, and system operating requirements. Capacity margin is the difference between capability and peak load]

Year	Capability at the time of—				Non-coincident peak load		Capacity margin			
	Summer peak load (1,000 kW)		Winter peak load [1] (1,000 kW)		Summer		Summer		Winter	
	Amount	Change from prior year	Amount	Change from prior year	Summer	Winter [1]	Amount (1,000 kw)	Percent of capability	Amount (1,000 kw)	Percent of capability
1970	326,900	[2] 26,600	339,050	[2] 27,600	274,650	248,550	52,250	16.0	90,500	26.7
1971	353,250	26,350	366,700	27,650	292,100	261,650	61,150	17.3	105,050	28.6
1972	381,700	28,450	394,050	27,350	319,150	290,950	62,550	16.4	103,100	26.2
1973	415,500	33,800	433,150	39,100	343,900	295,100	71,600	17.2	138,050	31.9
1974	444,400	28,900	467,400	34,250	349,250	302,500	95,150	21.4	164,900	35.3
1975	479,300	34,900	492,450	25,050	356,800	331,100	122,500	25.6	161,350	32.8
1976	498,750	19,450	511,000	18,550	370,900	349,850	127,850	25.6	161,150	31.5
1977	516,000	17,250	537,600	26,600	396,350	360,200	119,650	23.2	177,400	33.0
1978	545,700	29,700	561,550	23,950	408,050	383,100	135,650	24.9	178,450	31.8
1979 [3]	544,506	−1,194	554,525	−7,025	398,424	368,876	146,082	26.8	185,649	33.5
1980	558,237	13,731	572,195	17,670	427,058	384,567	131,179	23.5	187,628	32.8
1981	572,219	13,982	581,084	8,889	428,295	391,106	143,924	25.2	189,978	32.7
1982	586,142	13,923	596,930	15,846	414,909	373,318	171,233	29.2	223,612	37.5
1983	596,449	10,307	611,637	14,707	447,526	410,779	148,923	25.0	200,858	32.8

[1] Prior to 1973, data was for the month of December. [2] Change from 1969. [3] Data are not entirely comparable with prior years due to change in data source.

Source: Edison Electric Institute, Washington, DC, *Statistical Yearbook of the Electric Utility Industry*, annual.

No. 980. Electric Energy—Production and Installed Generating Capacity, by State: 1975 to 1984

[Capacity as of **Dec. 31**. Covers utilities for public use]

Division and state	Production (bil. kWh)			Installed capacity (mil. kW)		
	1975	1980	1984	1975	1980	1984
U.S	**1,917.6**	**2,286.4**	**2,416.3**	**508.3**	**613.5**	**672.5**
N.E	**69.9**	**78.2**	**80.7**	**20.4**	**21.1**	**21.4**
ME	7.9	7.9	9.2	1.7	2.4	2.4
NH	4.7	6.0	6.3	1.6	1.6	1.5
VT	4.5	3.8	4.5	.9	.9	1.0
MA	30.5	34.8	32.9	9.4	9.6	10.1
RI	.8	1.0	.6	.3	.3	.3
CT	21.4	24.7	27.4	6.4	6.3	6.1
M.A	**238.8**	**260.5**	**266.4**	**67.5**	**78.4**	**79.7**
NY	107.3	108.6	109.1	28.4	31.4	32.5
NJ	23.2	29.4	26.3	11.4	12.6	13.4
PA	108.2	122.5	130.9	27.7	34.4	33.8
E.N.C	**356.4**	**397.0**	**404.0**	**91.5**	**107.9**	**113.2**
OH	102.6	110.2	108.2	24.8	27.4	27.3
IN	59.4	70.6	81.0	13.4	17.1	20.2
IL	92.8	103.4	101.0	25.6	29.9	31.9
MI	68.2	74.8	72.0	18.9	22.7	23.1
WI	33.5	37.8	41.9	8.9	10.7	10.7
W.N.C	**132.4**	**168.2**	**181.4**	**36.9**	**49.0**	**54.9**
MN	25.3	31.5	28.5	6.8	8.8	8.5
IA	15.9	21.8	22.8	5.4	7.3	8.7
MO	40.4	48.9	56.0	11.1	13.8	15.6
ND	8.3	15.8	21.9	1.7	3.4	4.2
SD	10.1	8.6	8.2	2.1	2.2	2.3
NE	13.3	16.3	18.0	3.8	5.1	5.9
KS	19.1	25.1	26.2	6.0	8.3	9.6
S.A	**342.3**	**417.8**	**453.3**	**92.5**	**111.5**	**125.6**
DE	6.0	6.7	9.4	1.5	1.6	2.0
MD	26.9	32.2	35.7	7.6	9.2	10.4
DC	1.2	.7	.3	1.3	1.2	.9
SA.—Con.						
VA	35.3	34.3	38.2	9.7	11.7	11.6
WV	61.4	70.8	77.9	11.9	15.2	15.1
NC	53.3	72.1	79.1	15.0	15.6	19.7
SC	38.6	41.9	45.0	10.7	11.7	13.8
GA	41.7	63.3	73.5	13.0	16.3	18.4
FL	77.8	95.9	94.4	21.7	29.0	33.7
E.S.C	**171.8**	**214.1**	**220.2**	**46.1**	**53.3**	**60.0**
KY	51.1	57.1	58.9	12.1	13.6	16.4
TN	54.6	60.2	68.8	14.3	15.9	18.3
AL	54.7	78.3	77.1	15.2	18.2	19.2
MS	11.4	18.5	15.4	4.6	5.5	6.1
W.S.C	**234.0**	**313.1**	**332.6**	**65.8**	**84.7**	**95.4**
AR	13.7	19.7	30.1	4.9	7.2	9.6
LA	39.2	45.7	39.3	11.6	12.9	15.4
OK	33.3	44.6	45.1	7.9	11.3	13.0
TX	147.8	203.0	218.1	41.4	53.3	57.3
Mt	**111.5**	**158.8**	**198.0**	**27.6**	**35.8**	**43.7**
MT	11.9	15.5	18.9	2.4	3.2	4.0
ID	10.3	9.5	13.2	1.7	2.0	2.0
WY	11.9	22.4	31.5	2.8	4.1	5.8
CO	16.6	23.6	27.4	4.3	6.1	7.5
NM	19.7	24.7	26.9	4.1	5.0	5.6
AZ	21.7	36.9	45.8	7.5	9.4	11.0
UT	5.8	12.1	13.8	1.2	2.1	3.0
NV	13.7	14.1	20.5	3.5	3.9	4.5
Pac	**260.6**	**278.8**	**279.6**	**60.0**	**71.9**	**78.7**
WA	93.0	92.3	95.2	16.8	23.0	23.2
OR	34.5	36.6	52.1	7.6	8.5	10.6
CA	125.4	140.3	121.7	33.7	37.8	41.9
AK	2.2	3.1	4.0	.7	1.1	1.4
HI	5.5	6.5	6.7	1.2	1.4	1.6

Source: U.S. Energy Information Administration, 1975 and 1980, *Power Production, Fuel Consumption, and Installed Capacity Data—Annual*; thereafter, *Electric Power Annual*.

No. 981. Privately and Publicly Owned Electric Utility Generating Plants—Number and Capacity, by Type and Size of Prime Mover: 1970 to 1984

[Capacity as of **Dec. 31.** Each prime mover type in combination plants is counted separately. For definition of prime mover, see table 978, footnote 3]

TYPE AND SIZE OF PRIME MOVER	PRIVATELY OWNED						PUBLICLY OWNED					
	Number of prime movers			Capacity (mil. kW)			Number of prime movers			Capacity (mil. kW)		
	1970	1980	1984	1970	1980	1984	1970	1980	1984	1970	1980	1984
Total	**2,037**	**2,094**	**2,009**	**262.8**	**477.0**	**514.9**	**1,496**	**1,481**	**1,466**	**78.8**	**136.6**	**157.6**
Steam, conventional	672	626	599	222.4	361.4	387.1	326	308	306	37.7	63.1	77.7
Under 100,000 kW	220	134	107	8.2	5.6	4.9	254	195	178	6.9	6.2	6.4
100,000-500,000 kW	299	239	222	77.1	64.0	60.1	58	75	82	12.3	17.4	20.5
Over 500,000 kW	153	253	270	137.1	291.8	322.1	14	38	46	18.5	39.6	50.8
Steam, nuclear	15	43	45	5.7	48.0	58.4	1	8	10	.8	8.5	12.1
Over 500,000 kW	7	37	42	4.5	46.8	57.8	1	7	9	.8	8.5	12.1
Hydro	754	732	746	18.9	24.2	26.1	434	410	448	36.3	52.1	54.5
Over 25,000 kW	165	173	178	15.6	21.0	22.9	164	186	192	35.1	51.0	53.1
Gas turbine	265	411	404	14.4	41.6	42.0	58	130	140	1.1	9.1	9.8
Over 25,000 kW	126	281	282	12.1	39.4	40.0	12	65	68	.4	8.0	8.7
Internal combustion	331	282	215	1.3	1.8	1.3	677	625	562	3.0	3.7	3.5
Under 5,000 kW	238	166	116	.5	.4	.3	471	358	307	1.0	.7	.6
Over 5,000 kW	93	116	99	.9	1.5	1.1	206	267	255	2.0	3.0	2.9

Source: U.S. Energy Information Administration, unpublished data.

No. 982. Electric Energy Sales, by Class of Service, 1970 to 1984, and by State, 1984

[In billions of kilowatthours]

YEAR, DIVISION, AND STATE	Total [1]	Residential	Commercial	Industrial
1970, total	1,392.3	466.3	306.7	570.9
1973, total	1,712.9	579.2	388.3	686.1
1975, total	1,747.1	588.1	403.0	687.7
1978, total	2,017.9	674.5	461.2	809.1
1979, total	2,071.1	682.8	473.3	841.9
1980, total	2,094.4	717.5	488.2	815.1
1981, total	2,147.1	722.3	514.3	825.7
1982, total	2,086.4	729.5	526.4	744.9
1983, total	2,151.0	750.9	543.8	776.0
1984, total	**2,278.4**	**777.7**	**578.3**	**840.6**
N.E.	**88.5**	**31.8**	**28.7**	**25.7**
Maine	10.1	3.4	2.2	4.3
New Hampshire	6.6	2.6	1.4	2.5
Vermont	4.1	1.9	.8	1.3
Massachusetts	38.1	13.0	14.1	9.8
Rhode Island	5.4	2.0	1.9	1.4
Connecticut	24.1	9.0	8.3	6.4
M.A.	**267.3**	**82.8**	**78.2**	**92.3**
New York	112.9	32.6	36.1	32.5
New Jersey	52.6	17.1	19.3	15.7
Pennsylvania	101.8	33.2	22.8	44.1
E.N.C.	**402.0**	**120.2**	**88.5**	**177.4**
Ohio	119.8	33.7	23.9	58.1
Indiana	64.1	20.2	11.1	31.9
Illinois	105.5	30.0	27.8	39.7
Michigan	72.3	21.9	15.6	32.6
Wisconsin	40.3	14.5	10.0	15.1
W.N.C.	**168.1**	**64.9**	**39.5**	**58.3**
Minnesota	38.3	13.3	6.1	17.9
Iowa	27.6	10.4	6.1	10.0
Missouri	51.7	21.0	13.5	15.6
North Dakota	6.4	3.0	1.1	2.0
South Dakota	5.5	2.7	1.1	1.5
Nebraska	15.3	6.3	4.3	3.9
Kansas	23.3	8.2	7.2	7.5
S.A.	**401.0**	**155.8**	**104.1**	**127.1**
Delaware	5.8	1.6	1.6	2.4
Maryland [2]	46.8	15.3	12.8	17.9
Virginia	55.6	22.2	14.0	13.2
West Virginia	22.0	6.9	4.3	10.7
North Carolina	70.5	26.4	16.3	26.5
South Carolina	41.8	13.6	8.2	18.8
Georgia	57.0	21.0	13.8	21.4
Florida	101.5	48.8	33.1	16.3
E.S.C.	**187.9**	**66.8**	**37.6**	**79.1**
Kentucky	41.4	14.6	7.7	17.0
Tennessee	71.8	25.7	15.1	30.0
Alabama	49.6	16.6	9.3	23.1
Mississippi	25.2	10.0	5.5	9.0
W.S.C.	**331.0**	**109.8**	**75.4**	**132.9**
Arkansas	24.6	8.9	4.8	10.3
Louisiana	59.6	18.5	10.9	25.9
Oklahoma	38.6	15.1	9.5	11.1
Texas	208.2	67.2	50.2	85.6
Mt.	**127.6**	**42.9**	**35.8**	**44.8**
Montana	11.5	3.4	2.7	5.2
Idaho	16.5	5.7	4.3	6.3
Wyoming	8.4	1.9	1.5	4.8
Colorado	26.4	10.1	11.0	4.9
New Mexico	9.2	2.7	2.6	2.9
Arizona	30.3	11.0	9.4	8.9
Utah	14.0	4.0	2.8	6.5
Nevada	11.3	4.0	1.7	5.3
Pac.	**305.0**	**102.8**	**90.4**	**103.0**
Washington	83.3	28.9	15.5	34.9
Oregon	36.3	13.5	8.9	13.4
California	175.2	56.9	63.3	50.8
Alaska	3.5	1.5	1.3	.6
Hawaii	6.7	1.9	1.5	3.3

[1] Includes other service, not shown separately. [2] Includes District of Columbia.

Source: U.S. Energy Information Administration, *Electric Power Annual.*

No. 983. Electric Utilities—Generation, Sales, Revenue, and Customers: 1970 to 1983

[Sales and revenue are to and from ultimate customers]

CLASS	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Generation [1]	Bil. kWh	1,532	1,918	2,038	2,124	2,206	2,247	2,286	2,295	2,241	2,310
Sales [2]	**Bil. kWh**	**1,391**	**1,733**	**1,850**	**1,951**	**2,018**	**2,084**	**2,126**	**2,151**	**2,100**	**2,158**
Residential or domestic	Bil. kWh	448	586	613	652	679	696	734	730	733	751
Percent of total	Percent	32.2	33.8	33.1	33.4	33.7	33.4	34.5	34.0	34.9	34.8
Commercial [3]	Bil. kWh	313	418	441	469	481	495	524	522	517	546
Industrial [4]	Bil. kWh	573	662	725	757	782	818	794	820	770	780
Revenue [2]	**Bil. dol**	**22.1**	**46.9**	**53.5**	**62.6**	**69.9**	**79.6**	**95.5**	**110.6**	**121.6**	**129.6**
Residential or domestic	Bil. dol	9.4	18.8	21.1	24.7	27.4	30.8	37.6	42.4	47.2	51.3
Percent of total	Percent	42.7	40.1	39.6	39.4	39.2	38.7	39.4	38.3	38.8	39.6
Commercial [3]	Bil. dol	6.3	13.5	15.2	18.0	19.7	22.3	27.4	31.3	34.2	37.1
Industrial [4]	Bil. dol	5.4	12.7	15.0	17.6	20.3	23.8	27.3	33.0	35.9	36.5
Ultimate customers, Dec. 31 [2]	**Million**	**72.5**	**81.8**	**83.6**	**85.6**	**87.7**	**89.8**	**92.7**	**94.0**	**95.3**	**97.1**
Residential or domestic	Million	64.0	72.6	74.2	75.9	77.8	79.6	82.2	83.3	84.4	85.9
Commercial [3]	Million	7.9	8.6	8.8	8.9	9.1	9.4	9.7	9.8	10.0	10.3
Industrial [4]	Million	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5
Avg. kWh used per customer	**1,000**	**19.4**	**21.4**	**22.4**	**23.1**	**23.3**	**23.5**	**23.2**	**23.0**	**22.2**	**22.4**
Residential	1,000	7.1	8.2	8.4	8.7	8.8	8.8	9.0	8.8	8.7	8.8
Commercial [3]	1,000	40.0	49.0	50.7	52.9	53.1	53.2	54.5	53.4	52.3	53.6
Avg. annual bill per customer	**Dollar**	**307**	**579**	**646**	**740**	**807**	**897**	**1,040**	**1,184**	**1,285**	**1,348**
Residential	Dollar	149	262	288	329	357	391	462	512	563	603
Commercial [3]	Dollar	804	1,580	1,754	2,031	2,177	2,394	2,848	3,207	3,452	3,639
Avg. revenue per kWh sold	**Cents**	**1.59**	**2.70**	**2.89**	**3.21**	**3.46**	**3.82**	**4.49**	**5.14**	**5.79**	**6.00**
Residential	Cents	2.10	3.21	3.45	3.78	4.03	4.43	5.12	5.80	6.44	6.83
Commercial [3]	Cents	2.01	3.23	3.46	3.84	4.10	4.50	5.22	6.00	6.61	6.79
Industrial [4]	Cents	.95	1.92	2.07	2.33	2.59	2.91	3.44	4.03	4.66	4.68

[1] Source: 1970–1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, *Monthly Energy Review.* [2] Includes other types not shown separately. [3] Small light and power. [4] Large light and power.

Source: Except as noted, Edison Electric Institute, Washington, DC, *Statistical Yearbook.*

No. 984. Electric Utilities—Balance Sheet and Income Account of Privately Owned Companies: 1970 to 1983

[**In billions of dollars.** As of **Dec. 31.** On the basis of both assets and revenues, these classes (A and B utilities) comprise nearly 100 percent of the privately-owned sector of the electric light and power industry. See also *Historical Statistics, Colonial Times to 1970,* series S 133–146 and V 197–212]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
COMPOSITE BALANCE SHEET										
Assets and other debits	**87.4**	**157.1**	**173.1**	**192.1**	**211.1**	**234.8**	**260.0**	**286.0**	**315.7**	**343.2**
Electric utility plant [1]	93.3	160.7	177.6	196.6	218.0	242.3	266.9	292.7	322.0	348.8
Depreciation and amortization	*20.3*	*31.9*	*35.6*	*39.8*	*44.5*	*49.7*	*55.5*	*61.5*	*67.0*	*74.6*
Net electric utility plant	73.1	128.8	142.0	157.0	173.5	192.6	211.5	231.2	254.1	274.2
Other utility plant	9.0	11.7	12.1	12.6	13.2	13.9	14.8	15.7	16.7	17.5
Depreciation and amortization	*2.1*	*3.1*	*3.4*	*3.7*	*3.9*	*4.2*	*4.5*	*4.9*	*5.3*	*5.8*
Net other utility plant	6.9	8.6	8.7	9.0	9.3	9.7	10.3	10.8	11.4	11.8
Total utility plant	102.3	172.4	189.7	209.4	231.2	256.2	281.7	308.4	338.7	366.3
Depreciation and amortization	*22.3*	*35.0*	*38.9*	*45.5*	*48.4*	*53.9*	*60.0*	*66.4*	*73.2*	*80.3*
Net total utility plant	79.9	137.4	150.7	166.0	182.8	202.3	221.7	242.0	265.5	286.0
Other property and investments	1.7	4.5	4.8	5.6	6.4	6.0	6.5	7.9	9.1	10.4
Current and accrued assets	5.3	13.5	15.6	18.2	18.9	22.4	26.2	28.7	31.8	33.5
Deferred debits	.4	1.7	2.0	2.3	3.0	4.1	5.5	7.3	9.3	13.4
Liabilities and other credits [2]	**87.4**	**157.1**	**173.1**	**192.1**	**211.1**	**234.8**	**260.0**	**286.0**	**315.7**	**343.2**
Capital stock	20.8	37.8	41.6	45.6	49.1	53.8	59.3	63.9	70.4	76.0
Other paid-in capital	4.4	11.5	13.4	15.6	17.9	19.4	21.5	24.0	27.7	31.1
Retained earnings	9.4	14.7	16.2	17.8	19.4	21.0	22.7	25.0	28.0	32.1
Subsidiary earnings [3]	(x)	.6	.7	.8	.9	1.0	1.1	1.3	1.6	1.7
Long-term debt	41.9	70.8	76.2	82.2	88.3	95.7	105.3	115.5	124.2	131.9
Current and accrued liabilities	7.3	13.7	14.1	16.0	18.3	23.4	26.3	28.4	28.7	29.6
Deferred credits and operating reserves	.9	2.7	4.0	5.7	7.1	8.7	9.8	11.5	15.6	17.3
Deferred income taxes [4]	2.2	5.4	6.8	8.3	10.0	11.9	14.1	16.7	19.5	23.6
COMPOSITE INCOME ACCOUNTS										
Electric operating revenues	19.8	44.6	50.6	58.9	65.4	72.9	87.1	102.3	110.0	117.3
Electric operating expenses	15.3	36.1	41.1	48.6	54.3	61.0	73.4	86.0	91.8	96.8
Net electric operating revenues	4.5	8.5	9.4	10.3	11.1	11.8	13.6	16.3	18.2	20.5
Other utility operating income	.4	.5	.6	.6	.7	.7	.7	.9	.9	.9
Total utility operating income	4.9	9.0	10.1	10.9	11.7	12.5	14.4	17.0	19.1	21.5
Other income	.8	2.2	2.5	2.2	2.5	3.1	3.6	4.4	5.3	6.5
Total income	5.7	11.3	12.5	13.0	14.3	15.6	18.0	21.4	24.5	28.0
Income deductions	2.3	5.1	5.4	5.0	5.5	6.1	7.3	8.7	9.4	10.1
Net income [5]	3.4	6.1	7.2	8.0	8.7	9.5	10.7	12.7	15.1	17.9

X Not applicable. [1] Includes construction work in progress. [2] Includes contributions in aid of construction through 1970. [3] Unappropriated undistributed. [4] Cumulative. [5] Beginning 1975, includes net extraordinary income.

Source: 1970–1975, U.S. Federal Power Commission and 1976–1981, U.S. Energy Information Administration, *Statistics of Privately Owned Electric Utilities in the United States,* annual; thereafter, U.S. Energy Information Administration, *Financial Statistics of Selected Electric Utilities,* annual.

No. 985. Nuclear Power Plants—Number, Capacity, and Generation: 1965 to 1984

ITEM	1965	1970	1973	1975	1978	1979	1980	1981	1982	1983	1984, prel.
Operable reactors [1]	10	19	39	54	70	68	70	74	77	80	86
Capacity [1 2] (mil. kW)	.9	6.5	22.9	33.3	49.6	49.3	51.1	55.5	59.6	62.8	69.5
Electricity generated (bil. kWh)	4	22	84	173	276	255	251	273	283	294	328
Percent of total electric utility generation	.4	1.4	4.5	9.0	12.5	11.4	11.0	11.9	12.6	12.7	13.6
Capacity factor [3]	(NA)	(NA)	52.9	59.7	65.7	58.7	57.1	58.4	57.2	54.8	56.5

NA Not available. [1] As of yearend. [2] Net maximum dependable capacity of operable reactors. [3] Weighted average of monthly capacity factors. Monthly factors are derived by dividing actual monthly generation by the maximum possible generation for the month (hours in month times net maximum dependable capacity).

Source: U.S. Energy Information Administration, *Annual Energy Review* and *Monthly Energy Review.*

No. 986. Commercial Nuclear Power Generation, by Country: 1970 to 1984

[Generation for **calendar years;** other data as of **December.** Excludes Communist countries]

COUNTRY	REACTORS				ELECTRICITY GENERATED [1] (bil. kWh)				GROSS CAPACITY (1,000 kW)			
	1970	1980	1983	1984	1970	1980	1983	1984	1970	1980	1983	1984
Total	**64**	**208**	**250**	**270**	**73.9**	**617.8**	**799.6**	**1,053.5**	**15,186**	**128,847**	**172,331**	**191,502**
U.S	15	74	81	83	23.2	265.2	285.1	340.6	5,211	56,529	67,363	70,779
Argentina	–	1	1	2	–	2.3	2.3	4.5	–	357	357	1,005
Belgium	1	3	5	5	.3	12.5	22.0	27.7	11	1,744	3,621	3,621
Brazil	–	–	1	1	–	–	.1	2.0	–	–	657	657
Canada	1	9	12	14	.9	40.4	48.0	53.9	220	5,588	7,597	8,971
China: Taiwan	–	2	4	5	–	8.2	17.2	24.6	–	1,272	3,242	4,194
Germany, F.R. of	4	11	13	14	5.3	43.7	59.0	89.7	907	8,996	11,511	12,922
Great Britain	27	33	35	35	26.5	37.2	44.5	54.1	4,783	9,012	10,960	10,960
Finland	–	4	4	4	–	7.0	15.7	18.5	–	2,296	2,296	2,296
France	4	22	36	42	5.7	61.2	127.4	191.2	1,606	15,412	28,557	34,986
India	2	4	4	5	2.2	2.9	2.6	4.1	400	860	860	1,095
Italy	3	4	2	3	3.3	2.2	5.1	6.9	631	1,490	1,060	1,330
Japan	3	22	25	28	3.3	81.0	97.4	124.9	828	15,117	17,342	19,856
Korea, Rep. of	–	1	3	3	–	3.5	7.7	11.8	–	587	1,916	1,916
Netherlands	1	2	2	2	.4	4.2	3.2	3.7	55	529	535	540
Pakistan	–	1	1	1	–	.1	.2	.3	–	137	137	137
Spain	1	3	6	7	.9	5.2	9.3	23.0	160	1,117	3,907	4,882
Sweden	1	8	10	10	(z)	26.7	35.4	51.3	12	5,770	7,715	7,715
Switzerland	1	4	4	5	1.9	14.3	14.0	16.3	364	2,034	2,034	2,976
Yugoslavia	–	–	1	1	–	–	3.4	4.4	–	–	664	664

– Represents zero. Z Less than 50 million kWh. [1] Gross.

Source: McGraw-Hill, Inc., New York, NY, *Nucleonics Week,* December Issues. (Copyright.)

No. 987. Uranium Supply, Enrichment, and Discharged Commercial Reactor Fuel: 1965 to 1984

[Years ending **Dec. 31,** except as noted. For explanation of kilogram, see weights and measures]

ITEM	Unit	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984
URANIUM (U_3O_8)											
Production	Sh. tons	10,442	12,905	11,600	18,490	18,730	21,850	19,240	13,430	10,580	7,450
Exports	Sh. tons	–	2,100	500	3,400	3,103	2,900	2,200	3,100	1,650	1,100
Imports	Sh. tons	3,995	–	700	2,600	1,500	1,800	3,300	8,550	4,100	6,250
Delivered price	Dol./lb	(NA)	(NA)	10.50	21.60	23.85	26.00	32.20	39.90	38.20	3,265
ENRICHMENT											
Enriched product [1]	Mil. Kg. Swu [2]	.54	5.10	9.92	11.76	13.98	10.69	11.50	12.36	[3] 8.46	11.2
For domestic customers	Mil. Kg. Swu [2]	.20	3.74	4.36	6.08	8.68	6.89	7.19	6.69	[3] 4.69	5.8
For foreign customers	Mil. Kg. Swu [2]	.34	1.36	5.56	5.68	5.31	3.80	4.31	5.67	[3] 3.77	5.4
Sales [4]	Mil. dol	(NA)	(NA)	376	1,046	1,432	1,379	1,445	2,185	2,329	1,457
DISCHARGED COMMERCIAL REACTOR FUEL [5]											
Annual discharge	Metric tons	36	75	530	1,009	1,201	1,227	1,100	1,037	1,267	1,312
Inventory, yearend [6]	Metric tons	42	24	1,124	3,581	4,779	6,006	7,106	9,034	10,317	12,399
On-site storage	Metric tons	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	6,627	8,555	9,868	11,996
Off-site storage	Metric tons	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	479	479	449	403

– Represents zero. NA Not available. [1] Based on sales. [2] Separate work unit. The standard measure of enrichment services is based on operating tails assay in effect at the time the enriched product was placed in inventory. [3] Jan.-Sept. only. [4] Fiscal years. [5] Uranium content. Source: Nuclear Assurance Corporation, Atlanta, GA. [6] Reprocessed fuel not included as inventory.

Source: Except as noted, U.S. Energy Information Administration, *Annual Energy Review* and U.S. Dept. of Energy, *Statistical Data of the Uranium Industry, 1983; Uranium Enrichment Annual Report, 1982; Domestic Uranium Mining and Milling Industry, 1983 Viability Assesment,* December 1984; and 1984, *Uranium Industry Annual Survey* (forthcoming).

No. 988. Privately Owned Gas Utility Industry—Balance Sheet and Income Account: 1960 to 1983

[**In millions of dollars.** Excludes Alaska for 1960. The gas utility industry consists of pipeline and distribution companies. Excludes operations of companies distributing gas in bottles or tanks. See also *Historical Statistics, Colonial Times to 1970*, series S 205-218]

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
COMPOSITE BALANCE SHEET										
Assets, total [1]	**20,000**	**25,640**	**34,929**	**50,286**	**62,918**	**70,245**	**75,725**	**86,894**	**95,003**	**100,499**
Total utility plant	20,835	28,205	38,541	49,384	59,033	62,710	66,767	72,917	78,479	82,038
Depreciation and amortization	*4,570*	*7,205*	*10,696*	*16,779*	*22,861*	*24,400*	*26,062*	*28,909*	*31,388*	*34,208*
Utility plant (net)	16,265	21,000	27,845	32,605	36,172	38,310	40,705	44,009	47,091	47,830
Investment and fund accounts [1]	1,380	1,885	3,024	9,198	12,805	14,097	15,625	19,366	20,750	21,531
Current and accrued assets	2,185	2,545	3,674	7,543	12,129	15,427	17,211	20,563	23,576	27,571
Deferred debits [2]	170	210	386	940	1,815	2,411	2,184	2,954	3,586	3,567
Liabilities, total [1]	**20,000**	**25,640**	**34,929**	**50,286**	**62,918**	**70,245**	**75,725**	**86,894**	**95,003**	**100,499**
Capitalization, total [1]	16,940	21,520	28,646	39,044	45,830	48,165	51,299	57,512	62,390	65,040
Capital stock [1]	7,810	10,005	12,965	19,500	25,585	27,135	29,262	33,041	36,161	38,488
Long-term debts	9,130	11,515	15,681	19,544	20,245	21,030	22,037	24,471	26,229	26,552
Current and accrued liabilities	2,420	3,035	4,832	8,158	11,704	16,024	18,107	22,134	23,809	25,151
Deferred income taxes [3]	350	660	788	2,052	2,991	3,798	4,144	4,972	5,473	6,512
Other liabilities and credits	290	425	663	1,032	2,393	2,257	2,175	2,276	3,331	3,796
COMPOSITE INCOME ACCOUNT										
Operating revenues, total	8,696	11,525	16,380	30,550	52,995	66,931	85,807	101,593	115,673	116,096
Operating expenses [4]	7,587	10,063	14,306	27,480	49,272	62,887	81,517	96,917	110,259	110,142
Operation and maintenance	5,951	7,973	11,636	22,957	43,108	56,281	74,433	89,108	101,548	100,495
Federal, State, and local taxes	1,058	1,292	1,569	2,763	3,980	4,294	4,653	5,056	5,694	6,508
Operating income	1,109	1,462	2,074	3,070	3,723	4,043	4,290	4,676	5,414	5,954
Utility operating income	1,137	1,503	2,159	3,221	3,944	4,296	4,633	5,087	5,819	6,303
Income before interest charges [1]	1,247	1,660	2,457	4,137	5,385	6,303	7,112	8,369	8,742	8,717
Net income [1]	830	1,107	1,427	2,502	3,443	4,208	4,377	5,145	5,072	5,156
Dividends	581	781	1,006	1,509	2,117	2,362	2,566	3,064	3,297	3,038

[1] Beginning 1975, not comparable with earlier years due to Federal Power Commission ruling requiring adoption of the equity method in reporting earnings of subsidiaries. [2] Includes capital stock discount and expense and reacquired securities. [3] Includes reserves for deferred income taxes. [4] Includes expenses not shown separately.

No. 989. Gas Utility Industry—Summary: 1960 to 1983

[1960 excludes Alaska. Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately and municipally owned gas utilities in U.S., except those with annual revenues less than $25,000. See also *Historical Statistics, Colonial Times to 1970*, series S 190-204]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Customers [1]	1,000	33,054	37,336	41,482	44,555	45,789	46,478	47,225	47,947	48,415	48,801
Residential	1,000	30,418	34,341	38,097	40,950	42,183	42,821	43,489	44,149	44,552	44,894
Commercial	1,000	2,458	2,790	3,131	3,367	3,370	3,423	3,500	3,564	3,631	3,678
Industrial and other	1,000	178	207	254	237	236	234	236	234	232	229
Sales [2]	Tril. Btu [3]	9,288	11,980	16,044	14,863	14,748	15,440	15,413	15,375	14,183	12,859
Residential	Tril. Btu	3,188	3,999	4,923	4,991	5,107	5,083	4,826	4,610	4,770	4,450
Percent of total	Percent	34.3	33.4	30.7	33.6	34.6	32.9	31.3	30.0	33.6	34.6
Commercial	Tril. Btu	920	1,345	2,007	2,387	2,500	2,486	2,453	2,376	2,471	2,298
Industrial	Tril. Btu	4,710	6,146	8,439	6,837	6,841	7,555	7,957	8,239	6,795	5,970
Other	Tril. Btu	470	490	674	648	301	316	177	150	147	141
Revenues [2]	Mil. dol	5,617	7,407	10,283	19,101	32,150	38,947	48,303	56,110	63,200	65,837
Residential	Mil. dol	3,177	4,030	5,207	8,445	12,939	14,833	17,432	19,180	23,700	26,173
Percent of total	Percent	56.6	54.4	50.6	44.2	40.2	38.1	36.1	34.2	37.5	39.8
Commercial	Mil. dol	723	1,054	1,620	3,302	5,696	6,624	8,183	9,286	11,666	12,659
Industrial	Mil. dol	1,563	2,148	3,181	6,745	13,065	16,961	22,215	27,124	27,200	26,315
Other	Mil. dol	153	176	274	608	450	530	473	520	634	690
Prices per mil. Btu [3]	Dollars	.60	.62	.64	1.29	2.18	2.52	3.13	3.65	4.46	5.12
Residential	Dollars	1.00	1.01	1.06	1.69	2.53	2.92	3.61	4.16	4.97	5.88
Commercial	Dollars	.79	.78	.81	1.38	2.28	2.66	3.34	3.91	4.72	5.51
Industrial	Dollars	.33	.35	.38	.99	1.91	2.24	2.79	3.29	4.00	4.41
Gas mains mileage	1,000	631	768	913	980	1,013	1,030	1,052	1,070	1,083	1,095
Field and gathering	1,000	56	62	66	68	75	78	84	86	90	92
Transmission	1,000	184	211	252	263	261	263	266	270	272	273
Distribution	1,000	391	495	595	649	678	688	702	714	721	730
Construction expenditures [4]	Mil. dol	1,845	1,935	2,506	2,466	3,581	4,366	5,350	6,389	5,939	4,078
Transmission	Mil. dol	848	770	1,019	590	935	1,226	1,583	2,352	1,921	1,065
Distribution	Mil. dol	696	824	913	910	1,228	1,448	1,869	1,995	1,881	1,345
Production and storage	Mil. dol	216	225	370	831	1,202	1,406	1,546	1,672	1,690	746

[1] Annual average. [2] Excludes sales for resale. [3] For definition, see text, p. 555. [4] Includes general.

Source of tables 988 and 989: American Gas Association, Arlington, VA, *Gas Facts*, annual. (Copyright.)

NO. 990. GAS UTILITY INDUSTRY—CUSTOMERS, SALES, AND REVENUES, BY CLASS OF SERVICE, AND STATE: 1983

[See headnote, table 989]

DIVISION AND STATE	CUSTOMERS [1] (1,000)				SALES [3] (trillion Btu [4])				REVENUES [3] (mil. dol.)			
	Total [2]	Residential	Commercial	Industrial	Total [2]	Residential	Commercial	Industrial	Total [2]	Residential	Commercial	Industrial
U.S	**48,801**	**44,894**	**3,678**	**182**	**12,859**	**4,450**	**2,298**	**5,970**	**65,837**	**26,173**	**12,659**	**26,315**
N. Eng	**1,787**	**1,641**	**133**	**9**	**319**	**140**	**81**	**95**	**2,263**	**1,178**	**591**	**477**
ME	15	12	3	(z)	2	(z)	1	1	21	5	10	6
NH	54	47	7	(z)	10	4	4	1	69	33	26	9
VT	16	14	1	(z)	4	1	1	2	28	10	6	10
MA	1,103	1,019	75	5	198	89	46	61	1,344	709	338	283
RI	178	165	12	1	29	14	5	10	210	121	39	50
CT	421	384	35	2	76	32	24	20	591	300	172	119
Mid. Atl	**8,249**	**7,644**	**572**	**23**	**1,516**	**729**	**308**	**440**	**9,638**	**5,157**	**1,953**	**2,295**
NY	3,979	3,718	242	10	590	322	114	127	4,080	2,459	755	704
NJ	1,894	1,708	179	7	337	149	81	106	2,166	1,091	533	542
PA	2,376	2,218	151	6	589	258	113	207	3,392	1,607	665	1,049
E. No. Cent	**10,966**	**10,118**	**797**	**47**	**3,031**	**1,377**	**626**	**1,020**	**15,688**	**7,650**	**3,235**	**4,758**
OH	2,768	2,564	195	6	695	341	143	206	3,864	2,012	788	1,029
IN	1,289	1,179	105	5	412	141	62	207	1,998	781	322	888
IL	3,327	3,060	248	18	925	435	205	285	4,555	2,255	969	1,329
MI	2,504	2,330	164	10	700	346	162	191	3,637	1,873	859	905
WI	1,078	985	85	8	299	114	54	131	1,634	729	297	607
W. No. Cent	**4,288**	**3,869**	**403**	**13**	**1,133**	**451**	**275**	**401**	**5,553**	**2,487**	**1,378**	**1,667**
MN	879	798	76	4	236	97	52	86	1,248	576	263	386
IA	762	678	81	2	214	78	48	88	1,016	423	239	353
MO	1,223	1,128	93	1	258	127	80	49	1,434	765	443	218
ND	93	82	11	(z)	21	10	10	1	112	54	52	6
SD	108	96	12	(z)	23	11	7	5	119	60	37	22
NE	457	397	59	1	122	47	32	43	535	234	139	162
KS	766	690	71	5	259	81	46	129	1,089	375	185	520
So. Atl	**4,258**	**3,896**	**342**	**14**	**1,154**	**329**	**237**	**581**	**6,136**	**2,147**	**1,368**	**2,586**
DE	83	78	5	(z)	24	6	4	13	138	41	22	71
MD	793	736	51	5	135	65	30	40	912	473	201	237
DC	146	131	15	-	28	13	15	-	211	99	112	-
VA	547	498	46	2	134	45	38	48	805	314	236	243
WV	391	359	32	(z)	100	42	20	38	559	245	115	199
NC	416	368	46	2	133	32	25	76	731	206	145	380
SC	312	280	30	1	97	19	17	61	498	118	92	287
GA	1,114	1,029	79	2	280	92	57	131	1,411	545	296	567
FL	456	417	38	1	223	15	31	174	871	106	149	602
E. So. Cent	**2,252**	**2,032**	**204**	**6**	**663**	**182**	**110**	**356**	**3,159**	**1,010**	**571**	**1,513**
KY	642	583	56	1	149	63	29	52	742	334	148	234
TN	527	457	64	2	185	41	42	99	846	212	212	413
AL	683	632	47	2	184	50	25	107	905	301	134	465
MS	400	360	37	1	145	28	14	98	666	163	77	401
W. So. Cent	**5,764**	**5,257**	**476**	**23**	**2,721**	**426**	**237**	**2,013**	**11,286**	**2,212**	**1,136**	**7,749**
AR	521	460	59	2	183	43	27	112	708	189	115	404
LA	1,007	936	67	2	319	68	26	211	1,377	397	145	776
OK	887	802	82	3	323	80	44	197	1,162	338	177	644
TX	3,349	3,059	268	16	1,896	235	140	1,493	8,039	1,289	699	5,925
Mt	**2,888**	**2,610**	**268**	**7**	**644**	**242**	**156**	**231**	**3,062**	**1,288**	**785**	**923**
MT	188	166	20	1	43	18	12	11	208	79	58	61
ID	112	97	15	(z)	30	7	8	15	169	48	49	72
WY	129	114	15	(z)	43	13	9	21	188	70	46	71
CO	935	835	98	2	190	84	63	43	977	463	319	193
NM	349	313	32	2	86	29	15	32	377	148	70	117
AZ	590	543	45	2	107	30	22	53	518	193	111	205
UT	400	372	28	(z)	104	49	15	40	401	209	64	127
NV	185	170	15	(z)	41	12	12	16	224	78	68	77
Pac	**8,349**	**7,827**	**483**	**39**	**1,678**	**574**	**268**	**833**	**9,052**	**3,044**	**1,642**	**4,347**
WA	385	338	44	3	109	27	29	52	620	181	173	263
OR	288	252	36	(z)	65	17	16	32	382	121	98	163
CA	7,586	7,157	396	33	1,464	519	219	724	7,936	2,707	1,355	3,858
AK	57	51	5	1	37	10	4	23	67	24	8	35
HI	33	29	2	2	3	1	(z)	2	47	11	8	28

- Represents zero. Z Fewer than or less than 500. [1] Averages for the year. [2] Includes other service, not shown separately. [3] Excludes sales for resale. [4] For definition, see headnote, table 956.

Source: American Gas Association, Arlington, VA, *Gas Facts*, annual. (Copyright.)

No. 991. Wood Energy Consumption, by Region and Sector: 1980 to 1983

[In trillions of Btu, except percent]

Year	Total	Percent of total energy consumption	Region				Sector			
			Northeast	Midwest	South	West	Residential	Industrial	Commercial	Electric utilities
1980	2,483	3.4	386	329	1,380	388	859	1,600	21	4
1981	2,495	3.5	395	335	1,349	416	869	1,602	21	3
1982	2,478	3.5	358	343	1,392	385	937	1,516	22	2
1983	2,640	3.6	380	323	1,526	411	925	1,690	22	3

Source: U.S. Energy Information Administration, *Estimates of U.S. Wood Energy Consumption, 1980–1983.*

No. 992. Water Power—Developed and Undeveloped Capacity, by Division: 1950 to 1984

[**In millions of kilowatts.** As of **Dec. 31.** Excludes Alaska and Hawaii for 1950 and all capacity of reversible equipment at pumped storage projects. Also excludes capacity precluded from development due to wild and scenic river legislation. See also *Historical Statistics, Colonial Times to 1970,* series S 160–175]

Division	Developed installed capacity							Estimated undeveloped capacity						
	1950	1960	1970	1975	1980	1983	1984	1950	1960	1970	1975	1980	1983	1984
U.S	**18.7**	**33.2**	**52.0**	**57.0**	**64.4**	**66.8**	**67.7**	**87.6**	**114.2**	**128.0**	**113.7**	**129.9**	**77.3**	**76.4**
New England	1.2	1.5	1.5	1.5	1.5	1.6	1.6	3.3	2.9	3.3	3.3	4.7	4.6	4.5
Middle Atlantic	1.7	2.5	4.3	4.2	4.3	4.3	4.3	6.6	7.6	4.5	4.3	5.1	5.4	5.4
E. No. Central	.9	.9	.9	.9	.9	1.1	1.1	2.3	3.0	1.6	1.4	2.0	1.8	1.8
W. No. Central	.8	1.6	2.7	2.8	2.8	2.8	2.8	5.8	6.4	4.4	2.1	3.4	3.0	3.1
South Atlantic	2.8	3.8	5.3	5.8	5.9	6.0	6.1	8.2	8.4	9.6	8.4	9.6	8.4	8.1
E. So. Central	2.7	3.8	5.2	5.5	5.6	5.8	5.7	4.7	4.6	3.8	3.1	3.3	2.8	2.8
W. So. Central	.5	.9	1.9	2.3	2.3	2.3	2.3	3.6	3.9	3.3	2.7	4.7	5.3	5.3
Mountain	2.3	4.6	6.2	6.9	7.4	7.9	8.1	23.4	23.6	26.7	19.6	34.2	18.2	18.2
Pacific	6.0	13.6	23.9	27.2	33.7	35.0	35.7	29.8	53.8	70.9	68.8	62.9	27.6	27.2

Source: U.S. Federal Energy Regulatory Commission, (formerly U.S. Federal Power Commission), *Hydroelectric Power Resources of the United States, Developed and Undeveloped,* January 1, 1984; and unpublished data.

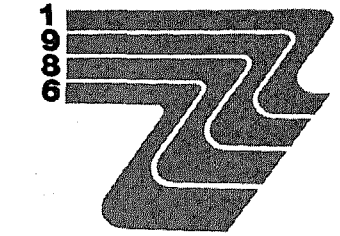
No. 993. Solar Collector Shipments, by Type, End-Use, and Market Sector: 1974 to 1984

[In thousands of square feet, except number of manufacturers. Solar collector is a device for intercepting sunlight, converting the sunlight to heat, and carrying the heat to where it will be either used or stored]

Year	Number of manufacturers	Total shipments[1]	Collector type		End use			Market sector		
			Low temperature	Medium temperature, special, other	Pool heating	Hot water	Space heating	Residential	Commercial	Industrial
1974	45	1,274	1,137	137	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1975	131	3,743	3,026	717	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1976	186	5,801	3,876	1,925	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1977	321	10,312	4,743	5,569	6,334	1,713	1,699	7,976	1,680	105
1978	340	10,860	5,872	4,988	5,970	2,513	1,736	8,095	1,848	263
1979	349	14,251	8,395	5,857	8,551	2,958	1,722	11,387	2,015	314
1980	233	19,398	12,233	7,165	12,029	4,790	1,688	16,077	2,417	488
1981	203	20,133	8,677	11,456	9,781	7,204	2,017	15,773	2,561	1,518
1982	265	18,621	7,476	11,145	7,035	7,444	2,367	13,729	3,789	560
1983	203	16,828	4,853	11,975	4,839	9,323	2,082	11,780	3,039	1,665
1984	224	16,419	4,479	11,939	4,427	8,930	2,370	13,980	2,091	289

NA Not available. [1] Includes other end uses and market sectors not shown separately.

Source: U.S. Energy Information Administration, *Solar Collector Manufacturing Activity,* annual.



Section 21

Science

This section presents statistics on scientific, engineering, and technological resources, with emphases on patterns of research and development (R&D) funding and on scientific, engineering, and technical personnel and education. Also included are statistics on space program outlays and accomplishments. Principal sources of these data are the National Science Foundation (NSF) and the National Aeronautics and Space Administration (NASA).

NSF gathers data chiefly through recurring surveys. Current NSF publications containing data on funds for research and development and on scientific and engineering personnel include *Science Resources Studies Highlights;* and annual, biennial, and special reports such as *Federal Funds for Research and Development; Research and Development in Industry; National Patterns of Science and Technology Resources; Academic Science/Engineering: R&D Funds, Scientists and Engineers, Graduate Enrollment and Support; Federal Support to Universities, Colleges, and Selected Nonprofit Institutions; Characteristics of Doctoral Scientists and Engineers in the United States; U.S. Scientists and Engineers; Employment Attitudes of Recent Science and Engineering Graduates; Science and Engineering Employment; Characteristics of Experienced Scientists and Engineers; Scientists, Engineers, and Technicians in Private Industry; Science and Engineering Personnel: A National Overview; Science and Technology Data Book; Women and Minorities in Science and Engineering;* and policy reports relating to national allocation of human resources and funds to science and technology. Statistical surveys in these areas pose particularly difficult problems of concept and definition and the data should, therefore, be regarded as broad estimates rather than precise quantitative statements. Detailed discussions of the scope and limitations of the data appear in the source publications.

The National Science Board's biennial *Science Indicators* publication contains data and analyses of international and domestic science and technology, including measures of their outputs and impacts. *The Budget of the United States Government,* published by the U.S. Office of Management and Budget, contains summary financial data on Federal R&D programs.

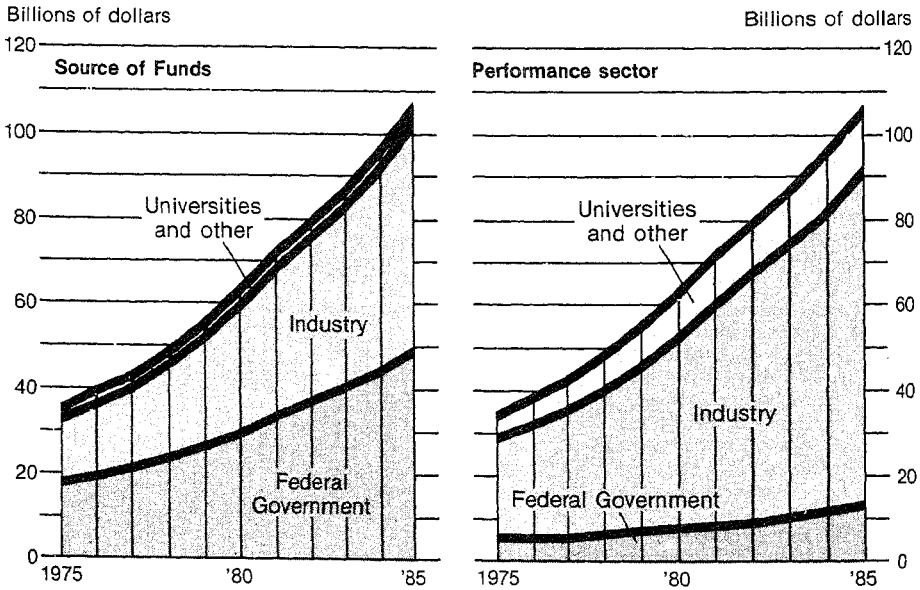
Research and development outlays.—NSF defines research as a "systematic and intensive study directed toward a fuller knowledge of the subject studied" and development as "the systematic use of scientific knowledge directed toward the production of useful materials, devices, systems, methods, or processes." National coverage of R&D expenditures is developed primarily from periodic surveys in four principal economic sectors: *(1) Government,* made up primarily of Federal executive agencies; *(2) industry,* consisting of manufacturing and nonmanufacturing firms and the federally funded research and development centers (FFRDC's) they administer; *(3) universities and colleges,* composed of universities, colleges, and their affiliated institutions, agricultural experiment stations, and associated schools of agriculture, and FFRDC's administered by educational institutions; and *(4) other nonprofit institutions,* consisting of such organizations as private philanthropic foundations, nonprofit research institutes, voluntary health agencies, and FFRDC's administered by nonprofit organizations. The R&D funds reported consist of current operating costs, including planning and administration costs, except as otherwise noted. They exclude funds for routine testing, mapping and surveying, collection of general-purpose data, dissemination of scientific information, and training of scientific personnel.

Scientists, engineers, and technicians.—Scientists and engineers are defined as persons engaged in scientific and engineering work at a level requiring a knowledge of sciences equivalent at least to that acquired through completion of a 4-year college course. Technicians are defined as persons engaged in technical work at a level requiring knowledge acquired through a technical institute, junior college, or other type of training less extensive than 4-year college training. Craftsmen and skilled workers are excluded.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

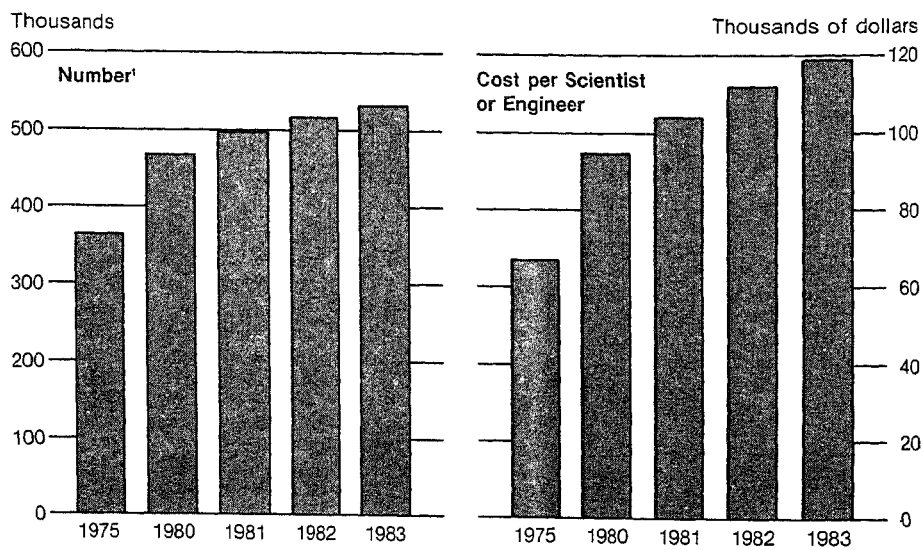
Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

Figure 21.1
Research and Development Funds: 1975 to 1985



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 995 and 996.

Figure 21.2
Research and Development Scientists and Engineers in Private Industry: 1975 to 1983



[1]Average full-time equivalent employment.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1009.

No. 994. Research and Development (R&D)—Outlays: 1955 to 1985

[Includes basic research, applied research, and development. Defense-related outlays comprise all research and development spending by Dept. of Defense, including space activities, and a portion of Department of Energy funds. Space-related outlays are those of the National Aeronautics and Space Administration; they exclude space activities of other Federal agencies, estimated at less than 5 percent of all space research and development spending. Minus sign (−) indicates decrease]

Year or period	Current dollars (bil. dol.)			Constant (1972) dollars		Annual percent change [3]		Percent of total R & D outlays					
								Federally funded defense-space-related			Other outlays		
	Total [1]	Defense space related	Other	Total (bil. dol.)	Percent of GNP [2]	Current dollars	Constant dollars	Total	Defense	Space	Total	Non-Federal	Federal
1955	6.2	3.0	3.1	10.1	1.5	9.4	7.2	49	48	1	51	43	8
1956	8.4	4.2	4.2	13.3	2.0	35.5	31.4	50	49	1	50	42	8
1957	9.8	5.3	4.5	15.0	2.2	16.9	13.0	54	53	1	47	38	9
1958	10.7	5.8	4.9	16.2	2.4	9.6	7.6	54	53	1	47	37	10
1959	12.4	7.0	5.3	18.3	2.5	15.4	12.8	57	54	3	43	35	8
1960	13.5	7.4	6.1	19.6	2.7	9.4	7.6	55	52	3	45	35	9
1961	14.3	8.0	6.3	20.6	2.7	5.9	4.8	56	50	6	44	35	9
1962	15.4	8.5	6.9	21.8	2.7	7.5	5.7	55	48	7	45	36	9
1963	17.1	9.4	7.7	23.7	2.9	10.8	9.1	55	41	14	45	34	11
1964	18.9	10.6	8.3	25.9	3.0	10.5	8.9	56	37	19	44	34	9
1965	20.0	10.8	9.2	26.9	2.9	6.3	4.0	54	33	21	46	35	11
1966	21.8	11.4	10.5	28.4	2.9	9.0	5.7	52	33	19	48	36	12
1967	23.1	11.3	11.8	29.2	2.9	6.0	2.8	49	35	14	51	38	13
1968	24.6	11.8	12.8	29.8	2.8	6.3	2.0	48	35	13	52	39	13
1969	25.6	11.5	14.1	29.6	2.7	4.2	−.8	45	34	11	55	42	13
1970	26.1	11.2	14.9	28.6	2.6	2.0	−3.3	43	33	10	57	43	14
1971	26.7	10.9	15.7	27.8	2.5	2.1	−2.8	41	32	9	59	44	15
1972	28.5	11.7	16.8	28.5	2.4	6.8	2.4	41	32	9	59	44	15
1973	30.7	11.7	19.0	29.1	2.3	7.9	2.4	38	30	8	62	47	15
1974	32.9	11.5	21.4	28.8	2.3	7.0	−1.3	35	27	8	65	49	16
1975	35.2	12.0	23.2	28.2	2.3	7.1	−2.1	34	26	8	66	49	17
1976	39.0	13.3	25.7	29.5	2.3	10.8	4.8	34	26	8	66	49	17
1977	42.8	14.1	28.7	30.5	2.2	9.6	3.4	33	25	8	67	50	17
1978	48.1	14.9	33.2	32.0	2.2	12.5	4.9	31	24	7	69	50	19
1979	54.9	16.5	38.5	33.6	2.3	14.1	5.0	30	23	7	70	51	19
1980	62.6	18.2	44.5	35.1	2.4	13.9	4.5	29	22	7	71	53	18
1981	71.8	21.6	50.3	36.7	2.4	14.8	4.6	30	23	7	70	54	16
1982	79.3	25.4	53.9	38.2	2.6	10.4	3.9	32	25	7	68	54	14
1983	86.6	28.6	58.0	40.1	2.6	9.1	5.1	33	27	6	67	53	14
1984	95.9	33.6	62.4	42.8	2.6	10.8	6.8	35	29	6	65	53	12
1985, est	106.6	38.4	68.2	45.9	2.7	11.1	7.1	36	30	6	64	53	11
Annual average:													
1960–1969	19.4	10.1	9.4	25.6	2.8	7.8	5.0	53	40	13	47	36	11
1970–1979	36.5	12.8	23.8	29.7	2.3	8.0	1.3	36	28	8	64	48	16
1980–1985	83.8	27.6	56.2	39.8	2.6	11.7	5.3	33	26	7	67	53	14

[1] Includes revisions not shown in detail. [2] GNP=Gross national product. [3] Change from prior year shown; 1955 change from 1954.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources*, annual, and unpublished data.

No. 995. Research and Development (R&D)—Source of Funds and Performance Sector: 1960 to 1985

[In millions of dollars. See headnote, table 996]

Year	Total	Source of funds				Performance sector				
		Federal Govt.	Industry	Univ., colleges	Other [1]	Federal Govt.	Industry	Univ., colleges	Associated FFRDC's [1]	Other [2]
Current dollars:										
1960	13,523	8,738	4,516	149	120	1,726	10,509	646	360	282
1965	20,044	13,012	6,548	267	217	3,093	14,185	1,474	629	663
1970	26,134	14,892	10,444	461	337	4,079	18,067	2,335	737	916
1975	35,213	18,109	15,820	749	535	5,354	24,187	3,409	987	1,276
1980	62,593	29,451	30,911	1,323	908	7,632	44,505	6,060	2,246	2,150
1981	71,839	33,402	35,941	1,523	973	8,425	51,810	6,818	2,486	2,300
1982	79,301	36,502	40,088	1,683	1,028	9,141	57,995	7,261	2,479	2,425
1983	86,555	40,344	43,246	1,830	1,135	10,582	62,618	7,745	2,737	2,675
1984	95,925	44,675	47,975	2,080	1,195	12,300	69,250	8,625	2,775	2,975
1985, est	106,600	49,775	53,210	2,300	1,315	13,300	77,500	9,625	2,975	3,200
Constant (1972) dollars:										
1960	19,635	12,673	6,573	214	175	2,481	15,297	928	517	412
1965	26,896	17,443	8,806	356	291	4,124	19,077	1,965	838	892
1970	28,613	16,316	11,421	506	370	4,481	19,756	2,564	809	1,003
1975	28,153	14,537	12,579	608	429	4,344	19,229	2,766	801	1,013
1980	35,122	16,542	17,325	745	510	4,297	24,944	3,412	1,264	1,205
1981	36,740	17,087	18,375	780	498	4,313	26,488	3,490	1,273	1,176
1982	38,155	17,528	19,329	804	493	4,367	27,966	3,469	1,184	1,169
1983	40,092	18,646	20,081	841	524	4,863	29,171	3,559	1,258	1,242
1984	42,824	19,896	21,475	921	532	5,445	31,001	3,818	1,228	1,332
1985, est	45,863	21,374	22,942	983	564	5,682	33,418	4,112	1,271	1,380

[1] Federally-funded R & D centers. [2] Nonprofit institutions.

No. 996. Research and Development (R & D) Funds, by Performance Sector and Source: 1970 to 1985

[**In millions of dollars, except percent.** Data primarily on calendar year basis—calendar year data for industry and other nonprofit institutions combined with Federal and university fiscal year data. Data refer, in general, to natural sciences including engineering, and to social sciences in all but industry sector. Excludes capital expenditures data. Expenditures at associated federally funded research and development centers administered by industry and other nonprofit institutions included in totals of respective sectors. See also *Historical Statistics, Colonial Times to 1970*, series W 109–125]

PERFORMANCE SECTOR AND SOURCE OF FUNDS	1970	1975	1978	1979	1980	1981	1982	1983	1984, est.	1985, est.
Total R & D [1]	**26,134**	**35,213**	**48,129**	**54,933**	**62,593**	**71,839**	**79,301**	**86,555**	**95,925**	**106,600**
In 1972 dollars	28,613	28,153	32,002	33,612	35,122	36,740	38,155	40,092	42,824	45,863
Percent Federal as source	57.0	51.4	49.6	48.8	47.1	46.5	46.0	46.6	46.6	46.7
Percent of gross national product	2.6	2.3	2.2	2.3	2.4	2.4	2.6	2.6	2.6	2.7
Federal Government	4,079	5,354	6,811	7,417	7,632	8,425	9,141	10,582	12,300	13,300
Industry	18,067	24,187	33,304	38,226	44,505	51,810	57,995	62,816	69,250	77,500
Federal funds	7,779	8,605	11,189	12,518	14,029	16,382	18,483	20,215	22,000	25,100
Industry funds	10,288	15,582	22,115	25,708	30,476	35,428	39,512	42,601	47,250	52,400
Universities and colleges	2,335	3,409	4,625	5,361	6,060	6,818	7,261	7,745	8,625	9,825
Federal funds	1,648	2,288	3,059	3,595	4,094	4,559	4,749	4,960	5,500	6,150
Industry funds	61	113	170	193	235	288	326	370	425	485
University and college funds [2]	461	749	1,037	1,200	1,323	1,523	1,683	1,830	2,080	2,300
Other nonprofit institutions funds [2]	165	259	359	373	408	448	503	585	620	690
Universities and colleges, associated federally funded R & D centers	737	987	1,717	1,935	2,246	2,486	2,479	2,737	2,775	2,975
Other nonprofit institutions	916	1,276	1,672	1,994	2,150	2,300	2,425	2,675	2,975	3,200
Federal funds	649	875	1,100	1,350	1,450	1,550	1,650	1,850	2,100	2,250
Industry funds	95	125	165	180	200	225	250	275	300	325
Other [3]	172	276	407	464	500	525	525	550	575	625
Total research, basic and applied	**9,269**	**12,471**	**17,236**	**19,629**	**22,129**	**26,083**	**28,735**	**32,867**	**34,745**	**37,850**
In 1972 dollars	10,160	10,017	11,461	12,009	12,430	13,343	13,799	15,195	15,479	16,256
Percent Federal as source	60.1	56.8	56.1	55.6	54.9	52.6	50.6	51.1	48.4	47.3
Federal Government	1,904	2,464	3,221	3,481	3,666	4,034	4,194	4,710	5,000	5,225
Industry	4,029	5,300	7,335	8,383	9,775	12,340	14,350	17,196	17,800	19,475
Federal funds	1,207	1,287	1,680	1,820	2,190	2,668	3,100	4,373	3,450	3,500
Industry funds	2,822	4,013	5,655	6,563	7,585	9,672	11,250	12,823	14,350	15,975
Universities and colleges	2,223	3,261	4,389	5,077	5,717	6,441	6,846	7,309	8,150	9,105
Federal funds	1,564	2,210	2,937	3,435	3,886	4,334	4,514	4,714	5,240	5,870
Industry funds	56	106	155	177	215	262	296	340	385	440
University and college funds [2]	448	702	959	1,115	1,233	1,422	1,563	1,700	1,940	2,150
Other nonprofit institutions funds [2]	155	243	338	350	383	423	473	555	585	645
Universities and colleges, associated federally funded R & D centers	485	573	1,116	1,298	1,486	1,663	1,665	1,832	1,870	1,995
Other nonprofit institutions	628	873	1,175	1,390	1,485	1,605	1,680	1,820	1,925	2,050
Federal funds	409	545	720	880	930	1,010	1,075	1,180	1,250	1,315
Industry funds	77	103	135	145	160	180	200	220	240	260
Other [3]	142	225	320	365	395	415	405	420	435	475
Total basic research	**3,549**	**4,608**	**6,392**	**7,257**	**8,079**	**9,207**	**9,901**	**10,895**	**12,055**	**13,250**
In 1972 dollars	3,895	3,720	4,250	4,438	4,543	4,712	4,742	5,021	5,353	5,675
Percent of total R & D	13.6	13.1	13.3	13.2	12.9	12.8	12.5	12.6	12.6	12.4
Percent Federal as source	70.1	68.1	69.5	69.5	68.8	67.7	66.8	66.2	66.4	66.5
Federal Government	577	734	1,029	1,089	1,182	1,302	1,465	1,690	1,875	2,050
Industry	602	730	1,035	1,158	1,325	1,641	1,850	2,064	2,300	2,550
Federal funds	158	157	250	265	290	328	350	413	450	500
Industry funds	444	573	785	893	1,035	1,313	1,500	1,651	1,850	2,050
Universities and colleges	1,796	2,410	3,176	3,612	4,026	4,576	4,851	5,214	5,870	6,500
Federal funds	1,296	1,694	2,264	2,572	2,851	3,248	3,393	3,533	4,030	4,500
Industry funds	40	72	99	113	135	167	190	236	260	290
University and college funds [2]	350	478	605	711	805	909	983	1,090	1,220	1,330
Other nonprofit institutions funds [2]	110	166	208	216	235	252	285	355	360	380
Universities and colleges, associated federally funded R & D centers	269	309	567	718	786	863	870	982	1,000	1,075
Other nonprofit institutions	305	425	585	680	760	825	865	945	1,010	1,075
Federal funds	189	245	335	400	450	495	535	600	650	680
Industry funds	44	60	80	85	95	105	115	125	135	145
Other [3]	72	120	170	195	215	225	215	220	225	250
Total development	**16,865**	**22,742**	**30,893**	**35,304**	**40,464**	**45,756**	**50,566**	**53,688**	**61,180**	**68,750**
In 1972 dollars	18,453	18,136	20,541	21,603	22,692	23,396	24,356	24,897	27,345	29,607
Percent of total R & D	64.5	64.6	64.2	64.3	64.6	63.7	63.8	62.0	63.8	64.5
Percent Federal as source	55.3	48.5	46.0	45.0	42.7	43.0	43.4	43.8	45.5	46.4

[1] Basic research, applied research, and development. [2] Includes State and local government funds received by these institutions and used for research and development. [3] Includes estimates for independent nonprofit hospitals and voluntary health agencies.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources*, annual.

No. 997. Federal Funding for Research and Development, by Budget Function: 1976 to 1985

[**In millions of dollars.** For years ending **June 30** except, beginning **1977** ending **Sept. 30.** Excludes R&D plant. Data for 1976–77 are shown in obligations, and for 1978–85 are shown in budget authority. See *Historical Statistics, Colonial Times to 1970*, series W 126, for total obligations]

FUNCTION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, est.
Total [1]	**20,780**	**23,450**	**25,976**	**28,208**	**29,739**	**33,735**	**36,115**	**38,768**	**44,214**	**50,479**
National defense	10,430	11,864	12,899	13,791	14,946	18,413	22,070	24,936	29,287	34,332
Health	2,351	2,629	2,968	3,401	3,694	3,871	3,869	4,298	4,779	5,408
Energy	1,649	2,562	3,134	3,461	3,603	3,501	3,012	2,578	2,581	2,401
Space research and technology	3,130	2,832	2,939	3,136	2,738	3,111	2,584	2,134	2,300	2,693
General science	858	974	1,050	1,119	1,233	1,340	1,359	1,502	1,676	1,873
Natural resources and environment	683	753	904	1,010	999	1,061	965	952	963	1,033
Transportation	631	708	768	798	887	869	791	876	1,040	1,051
Agriculture	383	457	501	552	585	659	693	745	762	819
Education, training, employment [2]	255	230	345	354	468	298	228	189	200	215
Veterans benefits and services	98	107	111	123	126	143	139	157	218	193
International affairs	42	66	57	117	125	160	165	177	192	217
Commerce and housing credit	69	71	77	93	101	106	104	107	110	116
Community and regional develop	109	101	92	127	119	104	63	44	46	43

[1] Includes functions not shown separately. [2] Includes social services.

Source: U.S. National Science Foundation, *Federal R&D Funding by Budget Function*, annual.

No. 998. Federal Obligations for Research, by Field of Science: 1976 to 1985

[**In millions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** See headnote table 997]

FIELD	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, est.
Research, total	**7,619**	**8,514**	**9,607**	**10,535**	**11,597**	**12,213**	**13,022**	**14,254**	**14,979**	**15,887**
Basic	2,768	3,259	3,699	4,193	4,674	5,041	5,482	6,260	7,067	7,787
Applied	4,852	5,256	5,908	6,342	6,923	7,172	7,540	7,993	7,911	8,100
Life sciences	2,650	3,008	3,427	3,848	4,192	4,436	4,746	5,178	5,636	6,292
Engineering	2,069	2,113	2,405	2,572	2,830	3,072	3,387	3,517	3,624	3,504
Physical sciences	1,259	1,530	1,646	1,793	2,001	2,221	2,500	2,891	2,969	3,036
Environmental sciences	769	906	1,025	1,101	1,261	1,121	1,148	1,251	1,276	1,358
Mathematics and computer sciences	158	196	216	210	241	279	350	419	440	579
Social sciences [1]	393	426	490	527	524	497	386	435	436	463
Economics	138	143	163	182	193	207	157	166	147	152
Psychology	144	156	193	197	199	209	218	241	267	293
Other sciences	179	179	206	287	350	379	287	320	331	363

[1] Includes other sciences not shown separately.

Source: U.S. National Science Foundation, *Federal Funds for Research and Development*, annual.

No. 999. Federal Obligations for Research and Development, by Agency: 1976 to 1986

[**In millions of dollars except percent. 1976,** year ending **June 30;** thereafter, ending **Sept. 30.** See *Historical Statistics, Colonial Times to 1970*, series W 142, for total R&D expenditures. Minus sign (–) indicates decline]

AGENCY	1976	1981	1982	1983	1984	1985, est.	PERCENT CHANGE			
							1983–84	1984–85	1985–86	1986, est.
Total	**20,780**	**33,104**	**36,433**	**38,712**	**42,225**	**49,452**	**9.1**	**17.1**	**13.3**	**56,013**
Dept. of Defense	9,655	16,509	20,623	22,993	25,373	30,959	10.4	22.0	22.5	37,933
National Aeronautics and Space Administration	3,447	3,593	3,078	2,662	2,822	3,297	6.0	16.8	13.8	3,753
Dept. of Commerce	229	328	336	335	358	381	6.9	6.4	–27.8	275
Dept. of Energy	[1] 2,464	4,918	4,708	4,537	4,674	4,848	3.0	3.7	–5.2	4,594
Dept. of Health and Human Services	[2] 2,461	3,927	3,941	4,353	4,831	5,454	11.0	12.9	–5.7	5,143
National Science Foundation	609	962	975	1,062	1,203	1,353	13.3	12.5	6.8	1,445
Dept. of Agriculture	462	774	797	848	866	939	2.1	8.4	–6.1	882
Dept. of Transportation	295	416	310	348	448	482	28.7	7.6	–24.3	365
Dept. of the Interior	333	427	381	383	411	411	7.3	–	–10.5	368
Environmental Protection Agency	259	326	335	241	261	312	8.3	19.5	6.1	331
Nuclear Regulatory Commission	88	220	220	207	191	150	–7.7	–21.5	–9.3	136
Veterans Administration	98	144	137	161	190	226	18.0	18.9	–15.9	190
Agency for International Development	38	134	200	227	237	220	4.4	7.2	5.5	232
Dept. of Education [3]	123	105	128	112	116	136	3.6	17.2	–13.2	118
Other agencies	219	322	263	243	244	284	.4	16.4	-	248

– Represents zero. [1] Energy Research and Development Administration. [2] Health, Education, and Welfare. See table 528 for complete list of agencies. [3] Includes National Institute of Education, Office of the Assistant Secretary for Education and Office of Education.

Source: U.S. National Science Foundation, *Federal Funds for Research and Development*, annual.

No. 1000. Funds for Performance of Industrial Research and Development (R&D), by Industry, 1970 to 1983

[**In millions of dollars.** Covers basic research, applied research, and development. See also *Historical Statistics, Colonial Times to 1970*, series W 144–160]

SIC [1] code	INDUSTRY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
	Total [2]	**18,067**	**24,187**	**26,997**	**29,825**	**33,304**	**38,226**	**44,505**	**51,810**	**57,996**	**62,816**
372, 376	Aircraft and missiles	5,219	5,713	6,339	7,033	7,536	8,041	9,198	11,968	13,658	13,741
36	Electrical equipment	4,220	5,105	5,636	5,886	6,507	7,824	9,175	10,329	11,642	13,651
35	Machinery	1,729	3,196	3,487	3,880	4,283	4,825	5,901	6,818	7,835	8,382
28	Chemicals and allied products	1,773	2,727	3,017	3,202	3,580	4,038	4,636	5,625	6,659	7,287
371	Motor vehicles, transportation equipment	1,591	2,430	2,872	3,478	4,010	4,668	5,117	[3] 4,970	[3] 4,970	[3] 5,537
38	Professional and scientific instruments	744	1,173	1,331	1,571	1,998	2,505	3,029	3,614	4,019	4,387
29	Petroleum refining	515	693	767	918	1,060	1,262	1,552	(D)	(D)	(D)
33	Primary metals	275	443	506	538	560	634	728	878	1,000	1,096
30	Rubber products	276	467	502	491	493	577	656	(D)	(D)	(D)
34	Fabricated metal products	207	324	358	386	384	455	550	624	568	634
20	Food and kindred products	230	335	355	415	472	528	620	(D)	(D)	(D)
26	Paper and allied products	178	249	313	333	387	445	495	(D)	626	(D)
32	Stone, clay, and glass products	167	233	263	287	324	356	406	(D)	(D)	(D)

D Withheld to avoid disclosure. [1] Standard industrial classification. [2] Includes industries not available separately.
[3] Estimated.

Source: U.S. National Science Foundation, *Research and Development in Industry*, annual.

No. 1001. Companies Performing Research and Development (R&D)—Selected Data, by Industry Group: 1975 to 1983

SIC [1] code	INDUSTRY GROUP	R & D FUNDS (mil. dol.)				R & D FUNDS AS PERCENT OF NET SALES				R & D SCIENTISTS/ ENGINEERS [2] (1,000)			
		1975	1980	1982	1983	1975	1980	1982	1983	1975	1980	1982	1983
	Total [3]	**24,187**	**44,505**	**57,996**	**62,816**	**3.1**	**3.0**	**3.8**	**3.8**	**363.3**	**450.6**	**509.8**	**522.1**
372, 376	Aircraft and missiles	5,713	9,196	13,658	13,741	12.7	13.7	17.7	15.8	67.5	85.9	91.1	95.5
36	Electrical equipment	5,105	9,175	11,642	13,651	6.5	6.6	7.7	8.6	82.6	94.5	109.8	110.3
35	Machinery	3,196	5,901	7,835	8,382	4.8	5.0	5.5	5.8	52.8	62.1	76.0	76.3
28	Chemicals and allied products	2,727	4,636	6,659	7,287	3.7	3.6	4.3	4.4	45.2	51.4	61.6	29.0
371	Motor vehicles, transport. equipment	2,430	5,117	[4] 4,970	[4] 5,537	3.3	3.9	[4] 4.1	[4] 3.8	27.9	39.7	31.2	30.9
38	Professional and scientific instruments	1,173	3,029	4,019	4,387	5.9	7.5	8.9	9.3	17.9	32.8	(NA)	(NA)
29	Petroleum refining	693	1,552	(D)	(D)	.7	.6	(D)	(D)	8.4	10.8	15.6	14.7
33	Primary metals	443	728	1,000	1,096	.8	.7	(D)	(D)	6.3	8.1	8.4	8.4
30	Rubber products	467	656	(D)	(D)	2.5	2.2	(D)	(D)	8.4	(NA)	8.1	(NA)
34	Fabricated metal products	324	550	568	634	1.2	1.4	1.3	1.5	7.4	7.8	8.2	(NA)
20	Food and kindred products	335	620	(D)	(D)	.4	.4	(D)	(D)	6.8	7.2	7.4	7.8
26	Paper and allied products	249	495	626	(D)	.9	1.0	1.2	(D)	5.0	7.4	8.4	8.3
32	Stone, clay, and glass products	233	406	(D)	(D)	1.2	1.4	(D)	(D)	4.5	5.4	5.1	5.0

D Withheld to avoid disclosure. NA Not available. [1] Standard industrial classification.
[2] As of January. [3] Includes industries not available. [4] Estimated.

Source: U.S. National Science Foundation, *Research and Development in Industry*, annual.

No. 1002. Federal Obligations to Universities and Colleges: 1970 to 1983

[**In millions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Total and nonscience/engineering activities for 1981–1983 are estimates based on revised student aid data from the Dept. of Education. Minus sign (−) indicates decrease]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total Federal obligations	**3,237**	**4,480**	**4,547**	**5,403**	**6,490**	**7,472**	**7,604**	**8,298**	**8,640**	**8,776**	**9,335**
Annual percent change [1]	−6.5	16.7	1.5	18.8	20.1	15.1	1.8	9.1	4.1	1.6	6.4
Academic science/engineering obligations	2,188	2,737	2,806	2,960	3,351	3,960	4,473	4,803	5,072	5,236	5,738
Percent of total	67.6	61.1	61.7	54.8	51.6	53.0	58.8	57.9	58.7	59.7	61.5
Research and development	1,447	2,085	2,246	2,431	2,803	3,386	3,874	4,160	4,410	4,554	5,024
Research and development plant	45	29	45	24	36	34	32	38	28	31	38
Other science/engineering activities	696	623	515	505	512	540	567	606	634	651	677
Nonscience/engineering activities	1,049	1,743	1,741	2,443	3,138	3,512	3,131	3,495	3,569	3,540	3,597

[1] For 1970, change from 1969, for 1974, change from 1973.

Source: U.S. National Science Foundation, *Survey of Federal Support to Universities, Colleges, and Selected Nonprofit Institutions*, annual.

No. 1003. Nobel Prize Laureates in Chemistry, Physics, and Physiology/Medicine—Selected Countries: 1901 to 1984

[Presented by location of award-winning research and by date of award]

Country	1901–1984				1901–1915	1916–1930	1931–1945	1946–1960	1961–1975	1976–1984
	Total	Physics	Chemistry	Physiology/Medicine						
Total	**365**	**125**	**101**	**139**	**52**	**41**	**49**	**74**	**92**	**57**
United States	135	49	27	59	3	3	14	38	41	36
United Kingdom	68	21	24	23	7	6	11	14	20	8
Germany, Fed. Rep. of [1]	51	14	25	12	15	12	11	4	8	1
Japan	4	3	1	–	–	–	–	1	2	1
France	21	8	6	7	10	3	2	–	5	1
Soviet Union	10	7	1	2	2	–	–	4	3	1
Other countries	76	23	17	36	15	15	11	14	15	9

– Represents zero. [1] Includes East Germany before 1946.

Source: U.S. National Science Foundation, unpublished data.

No. 1004. National Research and Development Expenditures as a Percent of Gross National Product, by Country: 1965 to 1984

Year	United States	France [1]	Germany, Fed. Rep.	Japan	United Kingdom	Soviet Union	Year	United States	France [1]	Germany, Fed. Rep.	Japan	United Kingdom	Soviet Union
1965	2.9	2.0	1.7	1.5	(NA)	2.9	1975	2.3	1.8	2.2	2.0	2.2	3.8
1966	2.9	2.1	1.8	1.5	2.3	2.9	1976	2.3	1.8	2.1	1.9	(NA)	3.6
1967	2.9	2.1	2.0	1.5	2.3	2.9	1977	2.2	1.8	2.1	1.9	(NA)	3.5
1968	2.8	2.1	2.0	1.6	2.3	(NA)	1978	2.2	1.8	2.2	2.0	2.2	3.5
1969	2.7	1.9	1.8	1.6	2.3	3.0	1979	2.3	1.8	2.4	2.1	(NA)	3.6
1970	2.6	1.9	2.1	1.8	(NA)	3.3	1980	2.4	1.8	2.4	2.2	(NA)	3.8
1971	2.5	1.9	2.2	1.9	(NA)	3.5	1981	2.4	2.0	2.5	2.4	2.5	3.7
1972	2.4	1.9	2.2	1.9	2.1	3.7	1982	2.6	2.1	2.6	2.5	(NA)	3.7
1973	2.3	1.8	2.1	1.9	(NA)	3.8	1983	2.6	2.2	2.6	2.6	(NA)	(NA)
1974	2.3	1.8	2.1	2.0	(NA)	3.7	1984	2.6	2.2	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Percent of gross domestic product.

Source: U.S. National Science Foundation, *Science Indicators*, biennial; and *National Patterns of Science and Technology Resources*, annual.

No. 1005. Research and Development (R&D) Expenditures in Science and Engineering at Universities and Colleges: 1980 to 1983

[**In millions of dollars.** Estimates for nonrespondents account for less than 8 percent of the total]

Characteristic	1980	1981	1982	1983	Characteristic	1980	1981	1982	1983
Total	**6,060**	**6,818**	**7,261**	**7,745**	Field:				
In 1972 dollars [1]	3,412	3,491	3,469	3,559	Life sciences	3,218	3,674	3,973	4,210
Basic research	4,026	4,576	4,849	5,214	Engineering	864	960	1,024	1,101
Applied R&D	2,034	2,242	2,411	2,531	Physical sciences	678	767	822	890
Source of funds:					Environmental sciences	509	560	559	618
All Governments	4,587	5,107	5,343	5,559	Social sciences and other	488	517	506	511
Institutions' own funds	827	974	1,088	1,231	Economics	90	100	95	95
Industry	237	291	330	370	Mathematics and computer sciences	193	222	245	278
Other	409	446	500	585	Psychology	111	129	132	137

[1] Based on GNP implicit price deflator, see text, p. 427.

Source: U.S. National Science Foundation, *Survey of Scientific and Engineering Expenditures at Universities and Colleges*, annual.

No. 1006. Scientists and Engineers Employed in Research and Development: 1970 to 1984

[**In thousands of full-time equivalent employees.** Yearly averages for industry sector only. Excludes those employed by State and local government agencies, except as noted, DOD=Dept. of Defense. FFRDC's=federally funded R&D centers]

Sector	1970	1975	1977	1978	1979	1980	1981	1982	1983 [1]	1984 [1]
Total	**546.6**	**532.7**	**568.2**	**594.2**	**622.0**	**658.7**	**690.5**	**707.1**	**722.7**	**744.0**
Industry (excl. social scientists) [2]	375.6	363.8	393.6	414.2	437.2	469.2	498.8	516.0	530.0	548.3
Universities and colleges, total	68.5	69.8	74.4	76.6	78.6	81.2	83.3	84.0	85.8	88.0
Scientists and engineers	50.3	51.2	54.4	56.0	56.9	57.9	58.9	59.5	60.3	61.9
Graduate students	18.2	18.6	20.0	20.6	21.7	23.3	24.4	24.5	25.5	26.1
Federal Government (incl. DOD)	69.8	63.4	62.2	64.3	64.6	65.6	66.0	64.1	64.1	64.5
University-associated FFRDC's	11.5	12.7	14.0	14.1	14.1	15.2	15.4	15.4	15.3	15.2
Other nonprofit institutions [2] [3]	21.2	23.0	24.0	25.0	27.5	27.5	27.0	27.0	27.5	28.0

[1] Estimated. [2] Includes professional R&D personnel employed at FFRDC's administered by industry and other nonprofit institutions. [3] Includes estimate for R&D scientists and engineers employed in State-affiliated institutions.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources*, annual.

No. 1007. Scientists and Engineers, by Field, Labor Force Status, and Sex: 1980 to 1983

[**In thousands, except percent.** Represents the total science and engineering population in the United States]

Field	1980			1982			1983		
	Total			Total			Total		
	Number	Percent female	In labor force	Number	Percent female	In labor force	Number	Percent female	In labor force
Total, all fields	**3,083**	**11.5**	**2,917**	**3,506**	**12.5**	**3,327**	**3,734**	**13.2**	**3,545**
Engineers, total	1,800	3.0	1,701	1,987	3.3	1,883	2,086	3.4	1,978
Scientists, total	1,283	23.4	1,216	1,519	24.5	1,444	1,648	25.6	1,567
Life scientists	313	19.2	295	366	21.5	346	400	23.0	378
Computer specialists	215	28.7	210	309	27.3	302	361	28.8	353
Physical scientists	235	10.3	220	244	10.6	233	259	10.6	242
Social scientists	229	29.5	214	264	30.0	250	275	30.8	260
Economists	84	15.9	78	114	18.8	108	124	20.0	117
Other social scientists	145	37.3	136	151	38.4	142	151	39.6	142
Psychologists	137	39.4	132	149	40.9	143	155	422	148
Environmental scientists	84	14.2	79	95	14.9	90	94	34.3	89
Mathematical scientists	70	29.6	66	86	32.8	81	104	16.1	98

Source: National Science Foundation, *U.S. Scientists and Engineers,* and unpublished data.

No. 1008. Characteristics of Employed Scientists and Engineers: 1983

[**Percent distribution, except as indicated.** Represents the total science and engineering employment in the United States]

Characteristic	Total	Engineers	Life scientists	Computer specialists	Physical scientists	Social scientists			Psychologists	Environmental scientists	Mathematical scientists
						Total	Economists	Other social scientists			
Total (1,000)	**3,466**	**1,940**	**368**	**349**	**236**	**247**	**113**	**135**	**144**	**95**	**87**
Male	87.3	96.7	78.2	72.1	90.2	70.6	80.8	62.0	58.7	84.6	66.6
Female	12.7	3.3	21.8	27.9	9.8	29.4	19.2	38.0	41.3	15.4	33.4
Highest degree:											
Doctorate	10.5	3.2	24.6	3.0	28.1	21.8	13.5	28.8	32.5	18.5	20.0
Master's	26.3	21.0	28.5	27.7	31.8	34.5	43.7	26.9	45.4	32.2	53.6
Bachelor's	52.7	58.1	43.8	68.5	39.7	42.4	41.3	43.2	21.6	48.6	25.0
Other	10.5	17.7	3.1	.8	.4	1.3	1.4	1.2	.5	.7	1.4
Type of employer:											
Business, industry	67.2	79.8	33.0	79.2	59.7	43.8	51.8	37.1	32.8	62.1	33.1
Educational institutions	12.0	2.7	32.4	5.6	21.2	27.4	21.1	32.7	37.7	12.2	46.3
Nonprofit organizations	3.4	1.3	6.3	2.8	4.0	7.4	2.9	11.1	18.8	.9	2.8
Federal Government	8.8	7.1	16.9	7.0	10.6	9.5	14.4	5.5	2.4	17.2	14.1
Military	.5	.6	.2	.5	.3	.4	–	.7	.6	1.2	.1
Other government	5.4	4.8	10.0	3.7	2.8	10.0	7.9	12.0	5.8	4.9	2.2
Other	2.6	3.6	1.2	1.1	1.4	1.5	1.9	.9	2.0	1.4	1.6

– Represents zero.

Source: U.S. National Science Foundation, *Science and Engineering Personnel: A National Overview* (NSF 85-302) and unpublished data.

No. 1009. Research and Development Scientists and Engineers—Average Full-Time-Equivalent Employment and Cost, by Industry: 1971 to 1983

[Data are estimates; on average full-time-equivalent (FTE) basis. See *Historical Statistics, Colonial Times to 1970,* series W 167, for total cost per scientist or engineer]

Industry	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Average FTE of scientists and engineers (1,000)	**358.6**	**354.0**	**358.9**	**361.7**	**363.8**	**373.6**	**393.6**	**414.2**	**437.3**	**469.2**	**498.8**	**516.0**	**529.9**
Chemicals [1]	41.9	41.0	41.4	43.5	44.8	45.4	47.4	49.2	50.7	53.1	58.2	63.8	66.7
Machinery	43.2	45.0	48.7	51.9	54.3	55.5	56.6	59.0	61.2	65.7	72.6	76.2	75.9
Electrical equipment [2]	87.7	84.5	84.0	82.6	81.5	82.2	84.3	84.7	89.8	100.7	108.4	110.0	113.9
Motor vehicles [3]	29.0	29.8	29.6	28.6	27.5	28.6	32.0	35.5	38.5	38.1	33.9	31.0	28.9
Aircraft and missiles	74.5	71.5	71.4	69.1	67.2	69.5	77.0	84.3	86.2	90.6	93.2	93.3	96.5
Other industries	82.3	82.2	83.8	86.0	88.5	92.4	96.3	101.5	110.9	121.0	132.5	141.7	148.0
Cost per scientist or engineer ($1,000)	**51.1**	**55.3**	**59.2**	**63.3**	**66.5**	**72.2**	**75.8**	**80.4**	**87.4**	**94.9**	**103.9**	**112.4**	**118.5**
Chemicals [1]	43.7	47.1	51.1	56.3	60.9	66.5	67.6	72.8	79.6	87.4	96.7	104.4	109.2
Machinery	43.1	48.0	52.4	57.5	58.9	62.8	68.6	72.6	78.9	89.9	93.9	102.9	110.4
Electrical equipment [2]	50.1	55.4	58.4	60.7	62.7	68.6	69.9	76.8	87.2	91.1	95.3	105.8	119.9
Motor vehicles [3]	61.0	67.4	83.7	86.6	88.4	100.4	108.6	113.0	121.2	134.3	146.6	162.9	185.9
Aircraft and missiles	65.5	69.2	70.8	76.4	85.1	91.3	91.3	89.4	93.3	101.6	128.4	146.4	142.4
Other industries	43.6	46.5	49.6	54.5	56.7	61.1	65.9	72.8	79.6	86.6	91.3	93.4	96.1

[1] Includes allied products. [2] Includes communication. [3] And other transportation equipment.

Source: U.S. National Science Foundation, *Research and Development in Industry,* annual.

No. 1010. Civilian Employment of Scientists, Engineers, and Technicians in Private Industry, by Occupation and Major Industrial Sector: 1982

[In thousands. Covers wage and salary workers]

Occupation	Total	Mining [1]	Construction	Manufacturing	Transportation	Communications	Public utilities	Trade	Finance, insurance, real estate	Services
Scientists and engineers	**1,560.4**	**71.9**	**48.6**	**749.4**	**12.0**	**45.6**	**39.7**	**76.1**	**55.8**	**461.3**
Scientists	544.7	35.4	1.5	161.3	4.3	4.5	7.2	30.6	50.3	249.6
Physical scientists	166.3	28.1	.2	89.9	.4	(Z)	1.0	2.7	.4	43.6
Life scientists	35.4	(Z)	.2	10.0	(Z)	(Z)	(Z)	1.0	(Z)	24.2
Mathematical scientists	16.1	.8	(Z)	8.2	(Z)	(Z)	(Z)	.3	.8	6.0
Social scientists	61.6	1.3	.2	2.2	.7	.2	2.4	.4	17.8	36.4
Psychologists	54.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	54.8
Systems analysts, EDP	210.5	5.2	.9	51.0	3.2	4.3	3.8	26.2	31.3	84.6
Engineers [2]	1,015.7	36.5	47.1	588.1	7.7	41.1	32.5	45.5	5.5	211.7
Civil engineers	87.0	1.2	16.0	8.9	1.7	.9	2.5	1.8	.7	53.3
Electrical/electronics engineers	*286.2*	*3.7*	*6.0*	*162.7*	*1.0*	*29.4*	*16.0*	*11.9*	*.3*	*55.2*
Mechanical engineers	192.1	1.9	9.4	118.8	2.2	1.9	5.6	9.6	.4	52.3
Technicians, except health [2]	**1,303.6**	**33.5**	**39.3**	**501.3**	**63.2**	**52.4**	**41.5**	**112.8**	**14.3**	**445.3**
Drafters	285.0	7.2	18.8	112.2	.7	5.7	13.1	5.6	2.1	119.6
Electrical/electronic technicians	353.3	2.7	10.1	137.7	3.9	36.7	11.7	91.9	(Z)	58.6
Surveyors	29.2	2.8	3.5	1.1	.6	.5	1.4	(Z)	.2	19.1
Computer programmers	241.7	3.4	1.4	73.1	3.3	4.5	3.7	18.9	39.9	93.5

Z Fewer than 50. [1] Includes oil and gas extraction. [2] Includes engineers and technicians not shown separately.

Source: U.S. Bureau of Labor Statistics, unpublished data.

No. 1011. Scientists and Engineers—Employment in Institutions of Higher Education, by Field: 1980 to 1984

[In thousands. As of **January**. Includes full-time and part-time personnel. Excludes graduate students who receive stipends for part-time services as scientists or engineers. R and D=research and development]

Field	1980	1982	1983	1984	Field	1980	1982	1983	1984
Total	**339.3**	**364.4**	**373.9**	**385.6**	Math. and computer *scientists*	*36.0*	*42.2*	*45.7*	*49.3*
Universities, colleges	324.2	349.1	358.9	370.4	Life scientists [1]	133.7	146.3	151.4	156.3
Engineers [1]	33.7	36.3	37.7	39.0	Agricultural	15.9	16.4	16.7	17.0
Civil	5.5	6.1	6.4	6.2	Biological	44.8	46.8	48.1	48.6
Electrical	8.2	9.0	9.8	10.4	Medical	67.1	72.8	74.4	75.9
Mechanical	6.1	6.6	6.7	7.1	Psychologists	23.3	23.7	23.8	24.0
Physical and environmental science [1]	43.5	44.7	44.9	46.1	Social scientists [1]	54.1	55.8	55.4	55.8
Chemists	17.6	18.1	18.3	18.8	Economists	14.7	15.5	15.6	15.8
Earth scientists	6.6	6.7	6.5	6.7	Federally funded R & D *centers*	15.1	15.1	15.1	15.2
Physicists	13.0	13.3	13.6	13.6	Engineers	6.5	6.6	6.5	6.0
					Scientists	8.6	8.6	8.6	9.2

[1] Includes other breakdown not shown separately.

Source: U.S. National Science Foundation, *Survey of Scientific and Engineering Personnel Employed in Universities and Colleges*, annual.

No. 1012. Professional Scientific, Engineering, and Technical Personnel in the Federal Government, by Occupational Group: 1970 to 1983

[In thousands, except percent. As of **October**. Excludes health professional personnel]

Occupational group	1970	1975	1979	1980	1981 [1]	1983 [1 2]	Percent female					
							1970	1975	1979	1980	1981 [1]	1983 [1 2]
Total	**180.3**	**188.9**	**203.6**	**206.9**	**207.9**	**218.9**	**6.7**	**6.5**	**8.3**	**9.5**	**10.3**	**11.8**
Scientific personnel	77.2	77.3	85.6	88.0	88.9	89.5	8.0	8.8	11.5	12.7	13.2	14.1
Physical sciences	29.8	27.1	27.6	27.6	27.4	27.1	6.4	6.6	8.4	9.5	10.0	10.9
Mathematics and statistics	8.6	10.0	10.9	11.1	10.9	10.7	17.4	15.9	18.7	19.8	19.9	20.9
Life sciences	26.9	26.4	29.5	30.5	32.4	33.5	4.1	5.1	7.5	8.7	9.8	11.3
Social sciences [3]	6.6	8.0	10.3	10.5	8.9	9.3	16.2	17.6	22.2	23.3	23.1	22.8
Economics	4.3	5.0	5.8	5.9	5.5	5.3	11.1	12.9	16.0	17.4	18.1	18.4
Other Social Sciences	2.3	3.0	4.5	4.6	3.4	4.0	25.1	23.7	30.2	30.8	31.2	28.7
Geography and cartography	3.3	2.9	4.1	4.9	5.2	5.5	8.5	7.9	11.9	14.8	15.7	16.6
Psychology	2.2	2.9	3.2	3.3	3.4	3.3	13.7	14.6	16.7	16.8	17.5	18.8
Engineering personnel	83.0	86.6	88.8	89.6	87.9	94.3	.5	.7	1.3	1.9	2.3	3.6
Computer specialists	20.1	25.0	29.3	29.3	31.1	35.2	21.1	19.1	20.1	23.3	24.7	27.9

[1] Excludes Tennessee Valley Authority. [2] Excludes Post Office. [3] Includes community planning.

Source: U.S. National Science Foundation. Compiled from data supplied by the U.S. Office of Personnel Management.

No. 1013. Graduate Science and Engineering Students in Doctorate-Granting Institutions, by Field, Enrollment Status, and Level of Study: 1975 to 1983

[In thousands. As of fall. Includes outlying areas]

Field of science	Students enrolled full time									Students enrolled part time		
	Total			First year			Beyond first year					
	1975	1980	1983	1975	1980	1983	1975	1980	1983	1975	1980	1983
Total	**210.3**	**230.5**	**243.6**	**79.2**	**77.3**	**78.3**	**131.2**	**153.2**	**165.3**	**83.4**	**103.1**	**114.6**
Engineering	37.1	41.9	53.5	16.4	15.7	18.9	20.6	26.2	34.6	27.5	28.2	32.5
Physical sciences	21.3	22.3	24.5	6.0	5.7	6.4	15.3	16.5	18.1	3.3	3.1	3.2
Environmental sciences	9.0	10.3	11.5	3.3	3.4	3.5	5.7	6.9	7.9	2.0	2.5	2.8
Mathematical/computer sciences	14.1	15.3	19.6	5.4	5.5	6.7	8.7	9.7	12.9	7.2	9.7	14.0
Life sciences	59.6	67.7	65.2	23.3	23.0	20.6	36.3	44.7	44.6	14.0	23.0	26.4
Psychology	19.7	21.6	21.3	5.7	5.7	5.4	14.0	15.9	15.9	7.2	7.8	7.8
Social sciences	49.5	51.5	48.1	19.0	18.3	16.8	30.5	33.2	31.3	22.3	28.8	28.2
Economics	8.0	8.9	8.9	3.1	2.9	2.7	4.9	6.1	6.2	3.0	3.3	3.5

Source: U.S. National Science Foundation, *Survey of Graduate Science and Engineering Students and Postdoctorates*, annual.

No. 1014. Science and Engineering Degrees Conferred, by Recipients' Characteristics, 1975 to 1984, and by Selected Fields, 1984

Characteristic	All fields			1984								
										Social sciences [4]		
	1975	1980	1983	All fields [1]	Engineering	Physical sciences [2]	Mathematics and computer sciences	Psychology	Biological sciences [3]	Total	Economics	Other social sciences [5]
Doctorate conferred	32,913	30,982	31,219	31,253	2,915	3,459	994	3,223	3,872	2,159	795	1,364
Percent with master's degree	81.3	80.9	80.0	80.4	88.8	53.2	77.6	80.1	51.2	83.5	75.8	87.9
Percent distribution	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Male	78.1	69.7	66.4	65.9	94.8	85.4	84.8	49.9	68.7	70.8	84.4	62.8
Female	21.9	30.3	33.6	34.1	5.2	14.6	15.2	50.1	31.3	29.2	15.6	37.2
White [6]	79.8	84.6	86.8	86.6	76.4	87.4	85.1	89.9	89.6	84.9	84.6	85.0
Black and other [6]	12.1	10.5	10.7	10.9	19.9	9.4	11.6	8.6	7.7	3.0	13.1	11.6
Not reported [6]	8.1	4.9	2.5	2.5	3.6	3.2	3.3	1.6	2.7	12.1	2.3	3.3
U.S. citizens	82.1	81.0	77.9	76.6	42.5	73.6	58.8	90.1	84.7	69.4	56.0	77.3
Foreign citizens	15.9	15.9	18.5	19.3	52.9	23.5	37.6	4.3	12.2	25.6	39.9	17.3
Citizenship unknown	2.0	3.1	3.6	4.1	4.6	2.9	3.6	5.6	3.1	5.0	4.2	5.4
Median age at award [7] (yr.)	31.5	32.2	32.8	33.0	30.7	29.5	30.5	32.3	30.4	32.9	31.3	33.8
Median total time, [7] baccalaureate to doctorate (yr.)	8.6	9.3	9.8	10.0	8.0	7.0	8.1	9.2	7.8	9.9	8.6	10.6
Registered time (yr.)	5.9	6.3	6.6	6.7	5.8	6.0	6.2	6.9	6.3	7.3	6.3	7.9
Master's conferred (1,000)	294	299	291	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Bachelor's conferred [8] (1,000)	988	1,011	1,054	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Includes other fields, not shown separately. [2] Astronomy, physics, chemistry, and earth sciences. [3] Biochemistry, botany, microbiology, physiology, zoology, and related fields. [4] Anthropology, sociology, economics, political science, public administration, and international relations. [5] Data not strictly comparable to those shown in table 1015; see source for details. [6] 1980–1984 data on race limited to U.S. citizens and non-U.S. citizens with permanent visas. [7] For definition of median, see Guide to Tabular Presentation. [8] Includes first professional degrees.

Source: U.S. National Science Foundation. Data from National Research Council, *Summary Report, 1984: Doctorate Recipients from United States Universities.*

No. 1015. Science and Engineering Doctorates Conferred: 1970 to 1984

[For year ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 767–771, 774, and 776–780]

Field of science	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Science doctorates conferred	**17,731**	**18,352**	**17,373**	**17,034**	**17,230**	**17,195**	**17,623**	**17,614**	**17,932**	**18,069**
Life sciences	4,163	4,402	4,266	4,361	4,495	4,710	4,783	4,840	4,751	4,869
Biological sciences	3,360	3,498	3,484	3,508	3,640	3,798	3,801	3,889	3,736	3,872
Agricultural sciences [1]	803	904	782	853	855	912	982	951	1,015	997
Physical sciences	4,400	3,749	3,410	3,234	3,321	3,151	3,208	3,348	3,439	3,459
Chemistry	2,234	1,762	1,570	1,545	1,567	1,538	1,611	1,678	1,759	1,765
Physics and astronomy	1,655	1,293	1,149	1,066	1,108	985	1,015	1,013	1,043	1,080
Earth, environmental, and marine sciences	511	694	691	623	646	628	582	657	637	614
Psychology	1,888	2,749	2,960	3,049	3,081	3,098	3,357	3,154	3,308	3,223
Social sciences	2,626	3,344	3,137	3,008	2,862	2,794	2,787	2,688	2,666	2,609
Economics	826	868	811	778	780	744	808	735	792	768
Other social sciences	1,800	2,476	2,326	2,230	2,082	2,050	1,979	1,953	1,874	1,841
Engineering	3,432	2,959	2,641	2,423	2,494	2,479	2,528	2,644	2,781	2,915
Mathematics and computer sciences	1,222	1,149	959	959	977	963	960	940	987	994

[1] Excludes agricultural economics, included in social sciences.

Source: U.S. National Science Foundation. Data from National Research Council, Doctorate Record File.

No. 1016. Doctoral Scientists and Engineers—Selected Characteristics: 1975 to 1983

[In thousands]

Characteristic	1975	1979	1981	1983	
				Number	Employed
Total	**270.5**	**332.3**	**363.9**	**395.0**	**369.3**
Field:					
Life scientists	70.3	86.3	93.8	101.4	92.8
Physical scientists	58.4	64.3	67.7	69.6	64.0
Psychologists	31.4	40.3	45.4	49.7	46.6
Social scientists	38.6	54.0	59.2	63.7	59.3
Economists	12.6	14.9	17.1	18.1	17.0
Other social scientists	26.0	39.1	42.2	45.6	42.4
Engineers	43.4	51.5	58.3	63.8	61.5
Mathematical scientists	14.2	16.1	16.5	17.4	16.4
Computer specialists	3.5	6.8	9.1	12.3	12.2
Environmental scientists	12.5	15.1	16.6	17.1	16.5
Sex:					
Men	244.9	294.4	318.1	340.5	320.5
Women	25.6	37.9	45.7	54.6	48.8
Race:					
White	242.4	293.5	322.9	352.3	328.5
Black	2.6	3.7	4.6	5.3	4.9
Asian	13.1	21.7	27.9	30.9	29.7
Other and not reported	12.4	13.4	8.5	6.6	6.2
Employment status:					
Full-time employed	240.6	292.9	323.3	341.9	341.9
Part-time employed	7.3	10.7	10.7	16.5	16.5
Postdoctorates	8.2	10.2	10.5	10.9	10.9
Unemployed/seeking	2.5	2.9	2.6	3.7	(X)
Not employed/not seeking	2.4	3.6	3.4	3.7	(X)
Retired/not employed	8.7	10.3	12.5	13.8	(X)
Other	.4	.8	.4	.8	(X)
Not reported	.5	.9	1.4	3.7	(X)

X Not applicable.

Source: U.S. National Science Foundation, *Characteristics of Doctoral Scientists and Engineers in the United States,* biennial series.

No. 1017. Doctoral Scientists and Engineers, by Selected States: 1983

[**In thousands.** Selected States represent those with more than 4,000 scientists and engineers]

State	Total	Natural scientists	Social scientists	Engineers
Total	**395.0**	**217.7**	**113.5**	**63.8**
Arizona	4.2	2.1	1.3	.8
California	48.7	25.0	13.4	10.3
Colorado	8.0	4.7	1.8	1.5
Connecticut	7.2	4.3	2.1	.8
District of Columbia	11.6	5.0	5.3	1.3
Florida	9.3	4.5	3.4	1.4
Georgia	5.8	3.6	1.5	.7
Illinois	17.6	9.5	5.5	2.6
Indiana	7.3	4.4	2.0	.9
Louisiana	4.9	2.9	1.2	.8
Maryland	14.6	9.4	3.5	1.7
Massachusetts	17.0	9.2	5.3	2.5
Michigan	12.1	6.9	3.4	1.8
Minnesota	7.0	4.2	2.1	.7
Missouri	6.7	3.9	1.8	1.0
New Jersey	17.0	9.4	3.2	4.4
New Mexico	4.8	2.9	.6	1.3
New York	37.7	19.5	13.3	4.9
North Carolina	8.8	5.6	2.2	1.0
Ohio	15.7	8.5	4.3	2.9
Oklahoma	4.2	2.0	1.3	.9
Oregon	4.3	2.4	1.4	.5
Pennsylvania	19.1	10.3	5.5	3.3
Tennessee	6.6	3.8	1.8	1.0
Texas	20.4	11.8	4.6	4.0
Virginia	12.0	6.0	3.6	2.4
Washington	7.6	4.0	2.2	1.4
Wisconsin	6.5	3.7	2.1	.7
Others	48.3	28.2	13.8	6.3

Source: U.S. National Science Foundation, *Characteristics of Doctoral Scientists and Engineers in the United States: 1983.*

No. 1018. Federal Space Program—Budget Authority, by Agency: 1960 to 1984

[**In millions of dollars, except percent.** 1984 estimated. Through **1976,** for years ending **June 30;** thereafter, years ending **Sept. 30.** NASA = National Aeronautics and Space Administration]

Year	Total [1]	NASA [2]		Dept. of Defense	Dept. of Commerce	Dept. of Energy [3]
		Total	Percent of total			
1960	1,066	462	49.2	561	(X)	43
1965	6,956	5,138	75.5	1,574	12	229
1966	6,970	5,065	74.2	1,689	27	187
1967	6,710	4,830	74.0	1,664	29	184
1968	6,529	4,430	70.3	1,922	28	145
1969	5,976	3,822	66.8	2,013	20	118
1970	5,341	3,547	70.1	1,678	8	103
1971	4,741	3,101	69.8	1,512	27	95
1972	4,575	3,071	72.3	1,407	31	55
1973	4,825	3,093	70.6	1,623	40	54
1974	4,640	2,759	65.5	1,766	60	42
1975	4,914	2,915	65.7	1,892	64	30
1976	5,320	3,225	66.7	1,983	72	23
1977	5,983	3,440	63.8	2,412	91	22
1978	6,509	3,623	62.4	2,729	103	34
1979	7,419	4,030	61.9	3,211	98	59
1980	8,689	4,680	60.3	3,848	93	40
1981	9,978	4,992	55.3	4,828	87	41
1982	12,091	5,494	45.4	6,362	144	61
1983	15,564	6,328	40.7	9,019	178	39
1984	17,449	6,590	37.8	10,590	235	34

X Not applicable. [1] Includes agencies not shown separately. [2] Includes budget authority for the space transportation system of $3.1 billion in 1982; $4.1 billion in 1983 and $4.0 billion in 1984. [3] See footnote 1, table 999.

Source: U.S. National Aeronautics and Space Administration, *Aeronautics and Space Report of the President,* annual. Data from U.S. Office of Management and Budget.

No. 1019. NASA—Outlays for Operational Activities and for Research and Development: 1965 to 1985

[In millions of dollars, except percent. For years ending June 30 except, beginning 1980, ending Sept. 30. Minus sign (−) indicates decrease]

YEAR	AGENCY TOTAL		PERFORMANCE (OPERATIONS)			PERFORMANCE (R&D)				FACILITIES (R&D)			
	Total outlays	Percent change	Total operations	Space flight	Other	Total	Space flight	Space science, applications [1]	Air transport and other	Total R&D	Space flight	Space science, applications [1]	Air transport and other
1965	5,093	[2] 22.1	(3)	(3)	(3)	[3] 4,562	[3] 3,138	[3] 1,126	[3] 298	531	401	78	52
1970	3,753	−11.7	(3)	(3)	(3)	[3] 3,699	[3] 2,195	[3] 963	[3] 541	54	14	21	19
1975	3,266	.3	(3)	(3)	(3)	[3] 3,181	[3] 1,500	[3] 1,076	[3] 606	85	35	9	42
1980	4,850	15.8	1,245	914	331	3,465	1,642	1,341	482	140	38	5	97
1982	6,035	11.3	2,706	2,303	403	3,220	1,255	1,442	543	109	17	3	89
1983	6,664	10.4	4,018	3,431	587	2,538	596	1,486	456	108	26	–	82
1984	7,048	5.8	3,317	2,854	463	3,539	1,183	1,667	689	192	44	20	128
1985, est	7,321	3.9	3,813	3,093	720	3,260	800	1,868	592	248	75	22	151

– Represents zero. [1] Includes technology. [2] Change from 1964. [3] Performance (operations) included in performance (R&D).

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 1020. Space Vehicle Systems—Sales and Backlog Orders: 1965 to 1983

[In millions of dollars. Backlog orders as of Dec. 31. Based on data from major companies engaged in manufacture of aerospace products. Excludes engines and propulsion units]

YEAR	NET SALES			BACKLOG ORDERS			YEAR	NET SALES			BACKLOG ORDERS		
	Total	Military	Non-military	Total	Military	Non-military		Total	Military	Non-military	Total	Military	Non-military
1965	2,449	602	1,847	2,203	503	1,700	1980	3,483	1,461	2,022	1,814	951	863
1970	1,956	1,025	931	1,184	786	398	1981	3,856	1,736	2,120	3,174	2,164	1,010
1975	2,119	1,096	1,023	1,304	1,019	285	1982	4,749	2,606	2,143	4,337	2,403	1,934
							1983	4,963	2,527	2,436	4,661	2,657	2,004

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MQ-37D, *Aerospace Industry (Sales and Orders)*.

No. 1021. Space Shuttle System Expenditures—Actual, 1972 to 1984, and Projected, 1985 to 1990

[In millions of dollars For year ending Sept. 30. These data cannot be used alone to estimate the total shuttle cost. Only operating expenditures correspond to an annual cost in the economic sense, and even those estimates require adjustment for the three-year period over which the cost of a shuttle flight is incurred and reimbursements are received. For details, see source]

YEAR	Total	D.D.T. and E [1]	Construction	Production	Operations	YEAR	Total	D.D.T. and E [1]	Construction	Production	Operations
1972	40	–	40	–	–	1983	3,014	–	26	1,635	1,354
1973	58	–	58	–	–	1984	3,127	–	73	690	2,364
1974	325	216	109	–	–						
1975	1,543	1,407	136	–	–	Projections:					
1976	2,619	2,541	79	–	–	1985	2,529	–	38	557	1,934
1977	2,258	2,089	60	109	–	1986	2,300	–	39	325	1,936
1978	2,062	1,898	103	61	–	1987	2,153	–	41	175	1,937
1979	2,251	1,713	42	496	–	1988	2,038	–	42	65	1,931
1980	2,751	1,339	42	907	463	1989	1,999	–	44	25	1,930
1981	2,724	1,041	13	1,093	578	1990	1,999	–	45	25	1,929
1982	2,932	894	20	1,283	735						

– Represents zero. [1] Design, development, testing, and evaluation.

Source: U.S. Congress, Congressional Budget Office, *Pricing Options for the Space Shuttle*, March 1985.

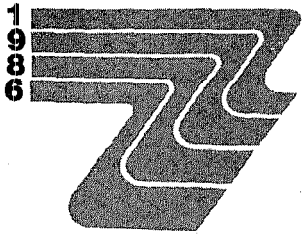
No. 1022. World-Wide Successful Space Launches: 1957 to 1984

[Criterion of success is attainment of Earth orbit or Earth escape. E.S.A. = European Space Agency]

YEAR	Total [1]	Soviet Union	United States	Japan	E.S.A.	India	Mainland China	YEAR	Total [1]	Soviet Union	United States	Japan	E.S.A.	India	Mainland China
Total	**2,642**	**1,733**	**844**	**27**	**9**	**3**	**14**	1975–1979	607	461	126	10	1	–	6
1957–1959	21	6	15	–	–	–	–	1980	105	89	13	2	–	1	–
1960–1964	268	76	192	–	–	–	–	1981	123	98	18	3	2	1	1
1965–1969	586	302	279	–	–	–	–	1982	121	101	18	1	–	–	1
1970–1974	555	405	139	6	–	–	2	1983	127	98	22	3	2	1	1
								1984	129	97	22	3	4	–	3

– Represents zero. [1] Includes launches in other countries not shown separately.

Source: Library of Congress, Congressional Research Service, Science Policy Research Division, *Space Activities of the United States, Soviet Union, and Other Launching Countries/Organizations*, January 1985.



Section 22

Transportation—Land

This section presents statistics on revenues, passenger and freight traffic volume, and employment in various revenue-producing modes of the transportation industry, including motor vehicles, trains, and pipelines. Data are also presented on commuting travel; highway mileage and finances; motor vehicle travel, accidents, sales, and registrations; automobile operating costs; and characteristics of public transit, railroads, and pipelines.

The principal compiler of data on public roads and on operation of motor vehicles is the U.S. Department of Transportation's (DOT) Federal Highway Administration (FHWA). These data appear in FHWA's annual *Highway Statistics.* The U.S. Interstate Commerce Commission (ICC) presents data on interstate land transport in its publications, the *Annual Report to Congress* and the *Transport Statistics in the United States,* which contain data on railroads and motor carriers subject to ICC regulations.

The U.S. National Highway Traffic Safety Administration issues data on traffic accident deaths and death rates in two annual reports: the *Fact Book* and the *Fatal Accident Reporting System Annual Report.* DOT's Federal Railroad Administration presents data on accidents involving railroads in its annual *Accident/Incident Bulletin,* and the *Rail-Highway Crossing Accident/Incident and Inventory Bulletin.*

Various censuses and surveys conducted by the U.S. Bureau of the Census also provide data. Results of the censuses of transportation are presented in the *Truck Inventory and Use Survey.* The *Annual Survey of Manufactures* and reports of the censuses of manufactures, wholesale and retail trade, and service industries contain statistics on the motor vehicle and equipment industry and on retail, wholesale, and services aspects of this industry. Data on persons commuting to work were collected as part of the 1980 census and are in various census reports.

Data are also presented in many nongovernment publications. Among them are: The weekly and annual *Cars of Revenue Freight Loaded* and the annual *Yearbook of Railroad Facts,* both published by the Association of American Railroads, Washington, DC; *Bus Facts,* issued annually by the American Bus Association, Washington, DC; and the *Transit Fact Book,* containing electric railway and motorbus statistics, published annually by the American Public Transit Association, Washington, DC. Useful annual handbooks in the field of transportation are *Motor Vehicle Facts and Figures* and *World Motor Vehicle Data,* issued by the Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI; *Accident Facts,* issued by the National Safety Council, Chicago, IL; and *Transportation in America,* issued by the Transportation Policy Associates, Washington, DC.

Urban and rural highway mileage.—Beginning 1980, mileage is classified in urban and rural categories, rather than municipal and rural. Urban denotes the Federal-aid legislation definition of an area. Such areas include, as a minimum, a census place with a population of 5,000 to 49,999 or a designated urbanized area with a population of 50,000 or more. These Federal-aid urban areas may extend beyond corporate and census boundaries, and thus are not necessarily coextensive with municipal boundaries. Rural in 1980 refers to non-Federal-aid urban area mileage. Prior to 1980, municipal referred to roads within incorporated places, densely populated New England towns, and certain of the more populous unincorporated areas and rural to non-municipal roads.

Federal-aid highway systems.—Federal law provides that Federal funds be matched in varying proportions with State funds for the costs of planning, engineering, right-of-way acquisition, and construction of highways. Other costs, such as maintenance and policing, are borne entirely by the States and local agencies.

Effective July 1, 1976, a uniform road classification system was implemented which shortened the mileage of the highway system and redefined the three main systems of Federal-aid routes. The Federal-aid primary system is comprised of a network of main roads important to interstate, statewide, and regional travel. The system consists of main rural roads and their extensions into or through urban areas. The Federal-aid secondary system consists of rural roads of a more local nature, such as those which connect county seats and the larger population centers not served by the primary system. The Federal-aid urban system is located in urban places of 5,000 or more persons and consists of major urban roads and streets, except those on the primary system.

Regulatory bodies.—The ICC, created by the U.S. Congress to regulate transportation in interstate commerce, has jurisdiction over railroads, trucking companies, bus lines, freight forwarders, water carriers, coal slurry pipelines, and transportation brokers. The Federal Energy Regulatory Commission is responsible for setting rates and charges for transportation and sale of natural gas and for establishing rates or charges for transportation.

Motor carriers.—For 1960–1973, class I for-hire motor carriers of freight were classified by the ICC as those with $1 million or more of gross annual operating revenue; since 1974, the class I minimum has been $3 million. Effective January 1, 1980 class I revenue are those with $5 million or more. For 1960–1968, class I motor carriers of passengers were classified by the ICC as those with $200,000 or more of gross annual operating revenue; for 1969–1976, as those with revenues of $1 million or more; and since 1977, as those with $3 million or more.

Railroads.—Railroad companies reporting to the ICC are divided into specific groups as follows: (1) Regular line-haul (interstate) railroads (and their non-operating subsidiaries); (2) switching and terminal railroads; (3) private railroads prior to 1964 (identified by ICC as "circular" because they reported on brief circulars); and (4) unofficial railroads, so designated when their reports are received too late for tabulation. For the most part, the last 3 groups are not included in the statistics shown here.

For years prior to 1978, class I railroads were those with annual revenues of $1 million or more for 1950–1955; $3 million or more for 1956–1964; $5 million or more for 1965–1975; and $10 million or more for 1976–1977. In 1978, the classification became class I, those having more than $50 million gross annual operating revenue; class II, from $10 million to $50 million; and class III, less than $10 million. Effective January 1, 1982, the ICC adopted a procedure to adjust the threshold for inflation by restating current revenues in constant 1978 dollars. In 1984, the criteria for class I and class II railroads were $87.3 million and $17.5 million, respectively. Also effective January 1, 1982, the ICC adopted a *Carrier Classification Index Survey Form* for carriers not filing annual report form R-1 with the commission. Class II and class III railroads are currently exempted from filing any financial report with the Commission. The form is used for reclassifying carriers.

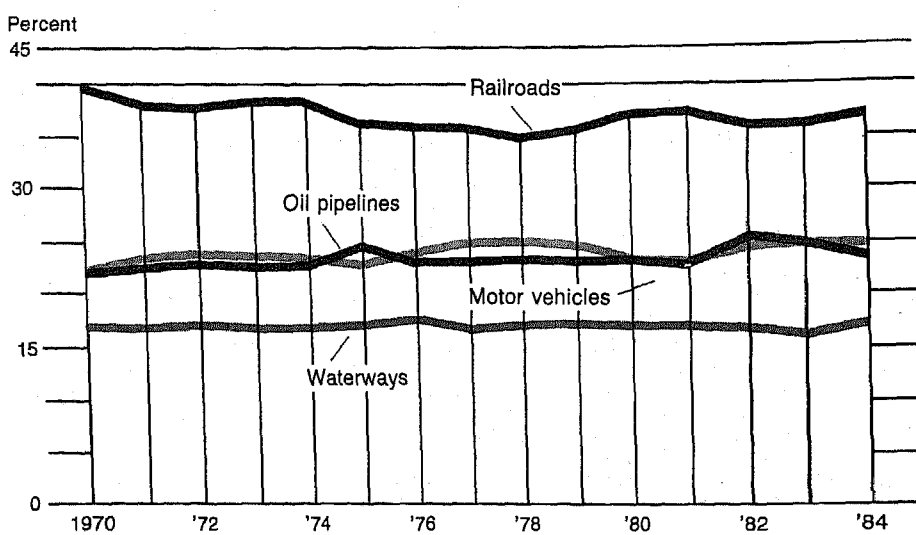
Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986.* For cross-references, see Appendix VI.

Figure 22.1

Ton-Miles of Domestic Intercity Freight Traffic—Percent Distribution by Type of Transportation: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1029.

No. 1023. Passenger and Freight Transportation Outlays, by Type of Transport: 1960 to 1984

[**In billions of dollars.** Freight data include outlays for mail and express. ICC=Interstate Commerce Commission]

TYPE OF TRANSPORT	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, est.
Total outlays [1]	**105.6**	**141.0**	**195.6**	**297.8**	**348.9**	**392.2**	**446.1**	**492.4**	**540.1**	**598.2**	**603.3**	**646.1**	**713.3**
Passenger, total	60.5	82.2	114.9	187.4	221.8	248.3	279.3	307.6	336.9	373.5	377.7	407.2	450.0
Private transportation	53.3	73.0	99.6	161.3	191.8	215.0	241.9	263.9	284.8	317.4	320.6	345.6	385.0
Automobiles [2]	52.4	71.6	97.0	156.6	186.6	210.0	235.9	256.8	276.7	308.0	312.4	338.2	376.2
New and used cars	20.4	30.4	32.1	46.0	59.7	70.4	80.4	77.1	73.3	82.6	85.7	105.6	128.2
Tires, tubes, accessories	2.9	4.1	7.1	12.4	13.8	15.8	17.2	19.8	22.2	24.6	24.9	26.9	28.0
Gasoline and oil	16.0	19.6	29.9	53.9	58.6	56.7	60.3	78.3	99.7	111.3	106.3	105.9	108.0
Insurance less claims	2.4	2.8	4.4	4.5	6.4	9.5	10.2	10.3	11.5	10.8	11.2	12.5	14.0
Interest on debt	2.8	3.5	4.7	7.3	8.6	10.4	12.8	15.4	17.5	21.0	21.8	18.0	20.0
Registration and operator's permit fees	1.0	1.3	1.9	2.3	2.7	2.8	3.0	3.1	3.3	3.5	3.8	4.1	4.4
Repair, greasing, washing, parking, tolls [3]	6.0	8.2	13.2	22.1	25.0	29.5	33.0	36.7	38.0	41.5	43.5	45.7	50.3
Air	.9	1.4	2.6	4.7	5.2	5.6	5.9	7.1	8.1	9.4	8.2	7.4	8.8
Aircraft	.2	.3	.4	1.0	1.2	1.5	1.7	2.1	2.9	3.8	2.8	1.9	2.5
Operating costs	.7	1.0	2.3	3.8	4.0	4.1	4.2	5.0	5.2	5.6	5.4	5.5	6.3
For-hire transportation	7.2	9.2	15.3	26.2	30.0	33.3	37.3	43.3	52.2	56.1	57.1	61.6	65.0
Local [4]	3.1	3.4	5.4	10.5	12.1	12.7	13.9	15.4	18.5	20.4	21.3	22.2	21.4
Bus and transit [5]	1.3	1.5	1.8	4.7	5.8	5.9	6.7	7.5	9.2	10.1	10.3	11.3	10.5
School bus	.5	.7	1.2	2.2	2.4	2.5	2.7	3.2	3.8	4.7	5.6	5.3	5.3
Taxi	1.1	1.1	2.1	3.4	3.8	4.1	4.3	4.5	5.2	5.2	5.0	5.2	5.2
Intercity	3.3	4.4	7.7	12.9	14.9	17.2	19.6	23.3	28.4	30.6	30.4	33.3	37.0
Air	2.1	3.3	6.6	11.2	13.0	14.9	17.1	20.4	25.1	26.8	26.8	30.0	33.0
Rail [6]	.6	.5	.3	.6	.9	1.2	1.3	1.4	1.6	1.9	1.8	1.8	2.0
Bus	.6	.6	.8	1.0	1.1	1.1	1.2	1.4	1.7	1.8	1.8	1.8	2.0
International	.9	1.3	2.2	2.7	2.9	3.4	3.8	4.6	5.3	5.3	5.4	6.1	7.0
Freight, total [4]	46.8	61.1	83.8	115.5	133.2	150.4	174.0	192.9	212.1	234.6	234.7	249.7	275.0
Highway	31.5	43.8	62.5	84.8	98.0	111.4	128.8	142.7	155.4	173.3	177.0	190.0	208.4
Truck, intercity	18.0	23.6	33.6	47.4	56.2	67.4	79.6	90.2	94.6	100.2	101.8	108.8	120.7
ICC regulated	7.2	10.1	14.6	22.0	26.0	31.0	36.5	41.2	43.0	47.9	44.1	46.5	52.1
Non-ICC regulated	10.7	13.6	19.0	25.4	30.2	36.4	43.1	49.0	51.6	52.3	57.7	62.3	68.6
Truck, local	13.5	20.1	28.8	37.3	41.6	43.9	49.1	52.3	60.5	72.8	75.0	80.9	87.7
Rail	9.0	9.9	11.9	16.5	19.2	20.5	21.9	24.8	27.7	30.5	27.1	27.3	29.6
Water	3.3	3.8	5.1	7.9	8.9	10.3	12.4	13.4	14.8	15.7	15.0	15.9	17.8
Oil pipeline	.9	1.1	1.4	2.2	2.5	3.2	5.5	6.2	7.1	7.4	7.9	8.3	9.3

[1] Total outlays less than sum of passenger and freight totals, as estimated freight costs included in costs of new cars, gasoline, oil, tires, and tubes have been excluded to prevent duplication. [2] Includes business-owned vehicles. [3] Includes storage and rental. [4] Includes items not shown separately. [5] Includes Federal, State and local government operating subsidies and capital grants. [6] Includes Federal operating subsidies and capital grants for Amtrak.

Source: Transportation Policy Associates, Washington, DC, *Transportation In America*, March 1985, with periodic supplements. (Copyright.)

No. 1024. Personal Consumption Expenditures for Transportation: 1960 to 1984

[**In billions of dollars, except percent.** Represents market value of purchases of goods and services by individuals and nonprofit institutions]

TYPE OF PRODUCT OR SERVICE	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total expenditures	**42.4**	**58.4**	**80.6**	**129.4**	**155.2**	**179.3**	**198.1**	**219.4**	**236.6**	**261.5**	**267.3**	**291.9**	**319.5**
Percent of total personal consumption [1]	13.1	13.6	13.0	13.3	14.3	14.9	14.7	14.6	14.2	14.1	13.5	13.5	13.6
User-operated transportation	39.1	54.5	74.3	119.7	144.1	167.0	184.6	204.0	218.5	241.7	246.7	269.9	295.7
New autos	14.0	21.4	21.9	29.3	38.1	44.3	48.2	49.1	46.3	50.8	52.8	65.2	75.9
Net purchases of used autos	2.6	3.9	5.3	8.9	11.9	13.2	14.9	15.7	15.5	18.8	20.8	23.0	26.4
Other motor vehicles	.6	1.3	2.9	7.1	10.9	13.9	17.9	14.9	10.1	11.4	14.0	18.2	23.0
Tires, tubes, accessories, other parts	2.5	3.4	6.1	10.5	11.7	13.5	14.7	16.9	18.9	20.9	21.2	22.8	24.6
Repair, greasing, washing, parking [2]	5.1	6.9	11.2	18.8	21.3	25.1	28.1	31.2	32.3	34.9	37.0	38.8	42.4
Gasoline and oil	12.0	14.7	22.4	40.4	44.0	48.1	51.2	66.6	84.8	94.6	90.4	90.0	91.4
Bridge, tunnel, ferry, road tolls	.3	.5	.7	.8	.9	.9	.9	.9	1.0	1.0	1.1	1.1	1.3
Insurance premiums less claims paid	2.0	2.4	3.8	3.9	5.4	8.1	8.7	8.8	9.7	9.2	9.5	10.6	10.9
Purchased local transportation [3]	2.0	2.1	3.0	4.0	4.4	4.7	5.0	5.4	5.8	6.2	6.8	6.8	7.0
Transit systems	1.3	1.3	1.6	1.9	2.1	2.2	2.3	2.5	2.6	2.9	3.3	3.5	3.8
Taxicab	.6	.6	1.2	1.9	2.1	2.2	2.4	2.7	2.9	2.9	3.1	2.9	2.9
Purchased intercity transportation	1.3	1.9	3.4	5.7	6.7	7.7	8.5	10.0	12.3	13.7	13.8	15.1	16.8
Airline	.7	1.2	2.5	4.4	5.3	6.1	6.9	8.1	10.0	11.1	11.1	12.3	13.8
Bus	.3	.4	.5	.7	.7	.7	.7	.9	1.0	1.1	1.1	1.1	1.1
Railway and other [4]	.3	.3	.4	.7	.8	.8	.9	1.1	1.3	1.5	1.6	1.8	1.9

[1] See table 728. [2] Includes rental and storage. [3] Includes railway commutation, not shown separately. [4] Railway excludes commutation; "other" consists of baggage charges, coastal and inland waterway fares, and travel agents' fees.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 1025. Federal Outlays for Transportation, by Function: 1980 to 1985

[In millions of dollars. For years ending Sept. 30. 1985 estimated]

FUNCTION	1980	1983	1984	1985	FUNCTION	1980	1983	1984	1985
Total outlays	**21,329**	**21,334**	**23,669**	**26,994**	Air transportation—Con.				
Ground transportation	15,274	14,265	16,158	18,729	Aeronautical research and technology	509	563	586	627
Highway const. [1]	8,395	8,905	10,520	13,077	Air carrier subsidies	89	54	41	52
Highway safety	1,126	227	240	285	Regulation	28	24	21	7
Mass transit	3,307	3,759	3,811	4,217	Water transportation	2,229	2,969	3,010	3,176
Railroads	2,367	1,312	2,447	1,105	Marine safety, trans	1,607	2,402	2,526	2,642
Regulation	79	63	57	54	Ocean shipping	611	555	473	525
Air transportation	3,723	4,000	4,415	4,966	Regulation	11	12	11	12
Airways and airports	3,097	3,360	3,767	4,280	Other	104	99	85	123

[1] Includes improvement.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 1026. Operating, Passenger, and Freight Revenues, by Transport Type: 1970 to 1983

TYPE OF TRANSPORT	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
OPERATING REVENUES (mil. dol.)										
Air carrier, certificated [1]	9,290	15,356	17,503	19,926	22,892	27,227	33,728	28,788	28,728	31,008
Air carrier, supplemental [1]	337	433	418	516	530	562	782	(NA)	(NA)	(NA)
Bus, class I, intercity	722	955	993	983	1,037	1,205	1,311	1,466	1,439	1,277
Local transit	(NA)	3,410	3,808	4,184	4,862	5,771	6,638	7,552	7,739	8,742
Oil pipeline	1,188	1,874	2,137	2,792	4,907	5,585	6,141	6,678	7,140	7,422
Gas pipeline (transmission companies)	5,928	11,898	15,416	19,836	22,989	29,919	41,574	50,188	55,847	53,577
Motor carriers of property, class I, intercity	11,137	16,164	18,360	22,520	26,855	29,858	30,338	32,531	32,246	33,899
Railroad, class I	11,992	16,402	18,537	20,091	21,721	25,219	28,103	30,899	27,504	26,729
Amtrak	(2)	253	287	310	321	398	454	512	514	606
Water transport, classes A and B [3]	372	946	1,035	924	867	854	937	1,029	990	1,076
Water transport, maritime	833	1,342	1,583	1,643	1,689	2,235	(NA)	(NA)	(NA)	(NA)
Freight forwarders, class A	211	359	431	615	603	701	721	810	693	628
AVERAGE PASSENGER REVENUE PER PASSENGER-MILE (cents)										
Air carrier, certificated: [4] Total	6.00	7.69	8.16	8.61	8.49	8.96	11.53	12.74	12.02	12.08
First class	8.30	10.58	11.50	12.21	11.97	11.43	14.35	14.14	13.82	14.63
Coach plus economy	5.45	7.05	7.49	7.92	7.81	8.34	10.87	12.37	11.53	11.38
Railroad, class I: [5] Total	3.91	4.99	5.65	5.74	5.86	6.02	6.15	8.06	8.47	9.23
Commutation	3.75	4.57	5.04	5.07	5.20	5.37	5.92	6.76	7.06	7.64
Other than commutation	4.02	6.25	7.60	7.85	7.84	7.93	9.39	10.49	11.42	12.35
Amtrak:	(2)	5.66	5.56	5.83	6.08	6.59	8.18	8.66	9.75	10.65
Bus, class I, intercity	3.60	4.85	5.14	5.18	5.62	6.21	7.26	8.35	8.18	8.92
AVERAGE FREIGHT REVENUE PER TON-MILE (cents)										
Air carrier, certificated [4]	21.91	28.22	31.81	34.20	37.10	41.02	46.29	46.69	46.78	44.87
Railroad, class I	1.43	2.04	2.20	2.29	2.36	2.60	2.85	3.18	3.21	3.11
Motor carriers of property, class I intercity:										
Common	7.46	9.20	9.97	10.85	11.20	11.97	12.91	13.98	14.09	13.55
Contract	6.86	7.80	8.20	9.05	12.97	13.50	11.78	11.55	12.03	11.41
Oil pipelines	.27	.37	.41	.54	.86	.94	1.03	1.18	1.25	1.29
Water carriers, classes A and B	.43	.77	.74	.81	.84	.90	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Domestic and international. [2] Amtrak established May 1, 1971. [3] Inland and coastal. [4] Scheduled service (domestic). [5] Excludes Amtrak and Auto-Train service.

Source: U.S. Dept. of Transportation, Transportation Systems Center, *National Transportation Statistics*, annual.

No. 1027. Employment and Earnings in Transportation, by Industry: 1970 to 1984

[Annual averages of monthly figures. Based on Current Employment Statistics program; see Appendix III. *See also Historical Statistics, Colonial Times to 1970*, series Q 36-42]

SIC [1] code	INDUSTRY	NUMBER (1,000)						AVERAGE WEEKLY EARNINGS (dol.)					
		1970	1980	1981	1982	1983	1984	1970	1980	1981	1982	1983	1984
(X)	**Total**	**2,684**	**2,962**	**2,922**	**2,788**	**2,745**	**2,929**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
40	Railroads	634	532	495	429	376	369	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
4011	Class I railroads	566	482	457	398	348	342	172	427	458	484	542	573
41	Local and interurban passengers	269	265	265	263	257	269	(NA)	217	231	248	252	258
421, 3	Trucking, incl. terminals	999	1,189	1,168	1,125	1,132	1,231	164	366	395	401	408	415
422	Public warehousing	84	91	88	84	85	94	121	248	266	277	287	307
44	Water transportation	213	213	219	202	191	199	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
45	Air transportation	352	453	455	444	455	493	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
46	Pipelines, exc. natural gas	18	21	22	21	20	19	189	441	491	536	586	597
47	Transportation services	115	198	210	220	229	256	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Standard Industrial Classification, see text, p 388.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 1028. 50 Largest Transportation Companies—Revenues and Assets, by Rank of Operating Revenues: 1981 to 1983

[**In billions of dollars, except percent.** Revenues include nontransportation activities; assets as of end of companies' fiscal year. Companies listed derive more than 50 percent of their operating revenues from the transport of passengers and/or freight (e.g., railroads, airlines, motor carriers, pipelines); excludes companies primarily engaged in freight forwarding, or vehicle rental]

Operating revenue group	1981				1982				1983			
	Assets	Operating revenues	Net income	Stockholders' equity	Assets	Operating revenues	Net income	Stockholders' equity	Assets	Operating revenues	Net income	Stockholders' equity
50 largest, total	**88.2**	**81.5**	**3.9**	**29.0**	**87.6**	**77.8**	**2.3**	**29.2**	**100.5**	**82.6**	**3.8**	**35.3**
Top 10	39.5	44.1	1.3	13.9	43.4	43.4	.9	15.2	58.2	48.1	2.0	20.7
11–20	25.4	17.9	1.1	8.3	22.3	17.7	.6	7.5	20.1	16.2	.5	7.0
21–30	12.1	10.0	.7	3.4	11.7	8.8	.7	3.6	12.2	9.3	.8	3.8
31–40	5.8	5.7	.3	1.3	5.6	4.7	.4	1.7	6.3	5.4	.3	2.2
41–50	5.4	3.8	.4	2.0	4.7	3.4	−.2	1.3	3.7	3.7	.2	1.7
Percent, total:												
Top 10	44.8	54.0	33.9	48.1	49.5	55.7	37.7	52.1	57.9	58.2	51.5	58.5
11–20	28.8	22.0	27.9	28.6	25.4	22.7	26.7	25.5	20.0	19.6	13.6	19.8
21–30	13.8	12.3	18.5	11.8	13.3	11.3	28.8	12.2	12.2	11.3	21.4	10.8
31–40	6.6	7.0	8.9	4.4	6.4	6.0	16.4	5.7	6.2	6.5	9.2	6.1
41–50	6.1	4.7	10.8	7.0	5.4	4.3	−9.6	4.5	3.7	4.5	4.3	4.8

Source: Time, Inc., New York, NY; adapted from *The Fortune Directory*, July issues. (Copyright.)

No. 1029. Volume of Domestic Intercity Freight and Passenger Traffic, by Type of Transport: 1960 to 1984

[A ton-mile is the movement of 1 ton (2,000 pounds) of freight for the distance of 1 mile. A passenger-mile is the movement of 1 passenger for the distance of 1 mile. Comprises public and private traffic, both revenue and nonrevenue. See also *Historical Statistics, Colonial Times to 1970*, series Q1–22]

Type of transport	1960	1965	1970	1973	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984 [1]
	BILLIONS OF TON-MILES													
FREIGHT TRAFFIC														
Total	1,314	1,638	1,936	2,232	2,066	2,202	2,307	2,467	2,573	2,487	2,430	2,252	2,311	2,554
Railroads [2]	579	709	771	858	759	800	834	868	927	932	924	810	841	938
Motor vehicles	285	359	412	505	454	510	555	599	608	555	527	520	548	602
Inland waterways [3]	220	262	319	358	342	373	368	409	425	407	410	351	360	404
Oil pipelines	229	306	431	507	507	515	546	586	608	588	564	566	556	605
Domestic airways [4 5]	.9	1.9	3.3	4.0	3.7	3.9	4.2	4.8	4.6	4.8	5.0	4.9	5.9	6.6
	PERCENT DISTRIBUTION													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Railroads [2]	44.06	43.28	39.82	38.44	36.74	36.33	36.15	35.18	36.03	37.47	38.02	35.97	36.39	36.65
Motor vehicles	21.69	21.92	21.28	22.63	21.97	23.16	24.06	24.28	23.64	22.32	21.69	23.09	23.71	23.57
Inland waterways [3]	16.74	16.00	16.48	16.04	16.55	16.94	15.95	16.58	16.52	16.37	16.87	15.59	15.58	15.82
Oil pipelines	17.43	18.68	22.26	22.72	24.54	23.39	23.67	23.75	23.64	23.64	23.21	25.13	24.06	23.69
Domestic airways [4 5]	.07	.12	.17	.18	.19	.18	.18	.19	.18	.19	.20	.22	.26	.26
	BILLIONS OF PASSENGER-MILES													
PASSENGER TRAFFIC														
Total	781	918	1,181	1,341	1,354	1,460	1,529	1,602	1,590	1,558	1,574	1,609	1,675	1,765
Private automobiles	706	818	1,026	1,163	1,171	1,260	1,316	1,362	1,322	1,300	1,319	1,344	1,393	1,465
Domestic airways [4 6]	34	58	119	143	148	164	177	203	228	219	216	227	244	261
Bus [7]	19	24	25	26	25	25	26	26	28	27	27	27	27	27
Railroads [2]	22	18	11	9	10	11	10	11	12	11	12	11	11	12
	PERCENT DISTRIBUTION													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Private automobiles	90.40	89.11	86.88	86.73	86.48	86.30	86.07	85.02	83.14	83.44	83.80	83.53	83.16	83.00
Domestic airways [4 6]	4.35	6.32	10.08	10.66	10.93	11.23	11.58	12.67	14.34	14.06	13.72	14.11	14.57	14.79
Bus [7]	2.43	2.61	2.12	1.94	1.85	1.71	1.70	1.62	1.76	1.73	1.72	1.68	1.61	1.53
Railroads [2]	2.82	1.96	.93	.67	.74	.75	.65	.69	.75	.71	.76	.68	.66	.68

[1] Estimated by source, based on available data. [2] Includes electric railways and rail commuter service. [3] Includes Great Lakes. [4] Revenue service only for certificated route and charter carriers, with small Section 418 all-cargo carriers included from 1978. [5] Includes express, mail, and excess baggage. [6] Includes general aviation (mostly private business) flying. [7] Excludes school and urban transit buses.

Source: Transportation Policy Associates, Washington, DC, *Transportation in America*, March 1985, with periodic supplements. (Copyright.)

No. 1030. Transportation Accidents, and Resulting Deaths and Injuries, by Type of Transport: 1970 to 1984

[For motor vehicle data, see also tables 1046 and 1047; for railroad data, see also tables 1071 and 1077; for air carrier and general aviation data, see also tables 1081 and 1084]

Year and casualty	Total (1,000)	Type of transport: Motor vehicle [1] (1,000)	Railroad [2]	Air carrier [3]	General aviation [4]	Recreational boating [5]	Gas pipelines [6]	Liquid pipelines [7]	Waterborne [8]	Hazardous materials [9]
Accidents:										
1970	16,013	16,000	8,095	(NA)	(NA)	3,803	1,019	351	(NA)	(NA)
1975	16,523	16,500	8,041	31	4,001	6,308	1,373	254	3,310	10,951
1979	18,126	18,100	9,740	24	3,825	5,368	1,920	248	4,932	17,663
1980	17,924	17,900	8,451	15	3,597	5,513	1,996	219	4,624	15,737
1981	18,020	18,000	5,781	25	3,502	5,208	1,695	239	3,503	10,070
1982	18,118	18,100	4,589	15	3,230	5,377	1,711	200	3,174	6,636
1983	18,319	18,300	3,906	21	3,092	5,569	1,575	161	4,704	5,845
1984	(NA)	(NA)	3,891	12	3,009	5,700	967	188	2,283	5,512
Deaths:										
1970	54.8	52.6	785	(NA)	(NA)	1,418	22	4	(NA)	(NA)
1975	48.2	44.5	575	122	1,258	1,466	14	7	243	27
1979	54.9	51.1	546	351	1,237	1,400	45	4	174	17
1980	54.5	51.1	584	–	1,252	1,360	11	3	206	19
1981	52.5	49.3	556	4	1,282	1,206	17	5	154	25
1982	47.2	43.9	512	233	1,182	1,178	31	–	223	12
1983	45.7	42.6	498	15	1,046	1,241	12	6	289	8
1984	46.7	43.9	598	4	1,002	1,063	35	–	79	7
Injuries:										
1970	2,024	2,000	21,327	(NA)	(NA)	780	347	21	(NA)	(NA)
1975	1,858	1,800	54,306	71	728	2,136	819	17	97	648
1979	2,077	2,000	74,126	48	636	2,463	57	8	115	930
1980	2,066	2,000	62,246	17	675	2,650	310	15	176	626
1981	1,956	1,900	53,003	21	597	2,474	74	22	141	643
1982	1,741	1,700	37,638	31	620	2,682	220	8	271	130
1983	1,636	1,600	32,196	49	566	2,913	242	9	209	193
1984	1,639	1,600	35,647	70	599	2,709	229	19	63	242

– Represents zero. NA Not available. [1] Data on deaths are from U.S. National Highway Traffic Safety Administration and are based on 30 day definition; see table 1046. Other data are from National Safety Council. [2] Train accidents cover only those accidents which result in damages to railroad property exceeding amounts specified by the U.S. Federal Railroad Administration. The reporting threshold was raised from $750 to $1,750 in 1975; to $2,900 in 1979; to $3,700 in 1981; and to $4,500 in 1983. Grade crossing accidents are also included when classified as a train accident. Deaths exclude fatalities in railroad-highway grade crossing accidents. [3] Includes only scheduled air carriers operating under 14 CFR 121 (airlines). Injuries include only serious injuries. 1983–1984 injuries include commuter carrier and air taxis. [4] 1975–1984 data exclude commuter and on-demand air taxis operating under 14 CFR 135. [5] Accidents are required to be reported to the U.S. Coast Guard whenever they result in a death; a person being injured or receiving medical treatment beyond first aid; damages exceed $200; or a person's disappearance. [6] Pipeline accidents/incidents are credited to the year in which they occurred beginning with 1983 data; prior data are credited to the year the accident/incident reports were filed. Fatalities and injuries as reported in annual report. [7] Pipelines carrying hazardous materials, petroleum, and liquid petroleum products. [8] Covers accidents involving commercial vessels which must be reported to U.S. Coast Guard if there is property damage exceeding $1,500; material damage affecting the seaworthiness or efficiency of a vessel; stranding or grounding; loss of life; or injury causing a person's incapacity for more than 3 days. [9] Accidents, deaths, and injuries involving hazardous materials cover all types of transport.

Source: U.S. Dept. of Transportation, Transportation Systems Center, Cambridge, MA, *Transportation Safety Information Report*, annual.

No. 1031. Highway Mileage—Urban and Rural, by Type of Control, and Federal-Aid Highway System: 1950 to 1983

[**In thousands, except percent.** As of **Dec. 31.** Beginning 1980, data for urban and rural mileage are not comparable to prior years because of classification changes; see text, p. 587. See also *Historical Statistics, Colonial Times to 1970*, series Q 50, 51, and 55]

Type and control	1950	1955	1960	1965	1970	1975	1979	1980	1981	1982	1983
Total mileage [1]	3,313	3,418	3,546	3,690	3,730	3,838	3,918	[2] 3,955	3,853	3,866	3,880
Urban mileage [3]	323	373	430	506	561	639	694	624	632	641	662
Under State control	36	42	50	65	74	84	86	79	90	103	100
Under local control	287	331	379	442	487	555	607	543	540	536	562
Rural mileage	2,990	3,045	3,116	3,183	3,169	3,199	3,224	[2] 3,331	3,221	3,226	3,217
Percent surfaced [4]	56.2	63.8	69.5	72.3	76.1	77.6	77.5	77.5	86.1	85.7	86.0
Under State control	580	620	659	687	707	711	697	702	726	[5] 825	817
Under local control	2,336	2,333	2,345	2,346	2,275	2,261	2,281	2,270	2,236	[5] 2,140	2,138
Under Federal control	73	93	112	150	188	227	244	262	256	261	262
Federal-aid highway system: [6]											
Primary	234	235	265	269	272	266	303	300	298	298	300
Interstate	(X)	(X)	10	21	32	37	40	41	42	42	43
Urban	(X)	(X)	(X)	(X)	(X)	65	124	124	129	134	137
Secondary	410	514	601	640	647	643	397	398	401	402	397

X Not applicable. [1] Prior to 1980, includes public and nonpublic road mileage; beginning 1981, includes only public road mileage as defined 23 USC 402. [2] Includes 98,000 miles of nonpublic road mileage previously contained in other rural categories. [3] Prior to 1980; represents municipal mileage; see text, p. 587. [4] Covers soil-surfaced roads and roads with slag, gravel, stone, bituminous, or concrete surfaces. [5] Incomplete reporting from Alaska, Missouri, and Pennsylvania for control accounts for changes between 1981 and 1982. [6] *For definition, see text, p. 587.* Beginning 1979, data represent actual mileage open to traffic rather than total highway miles carrying interstate traffic.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1032. Highway Mileage—Urban, Rural, and Federal-Aid Highway System: 1983

[As of Dec. 31. For definition of urban, rural, and Federal-aid highway system roads; see text, p. 587]

STATE	Urban (1,000)	Rural (1,000)	FEDERAL-AID HIGHWAY SYSTEM [1]			
			Primary		Urban	Secondary
			Total	Interstate		
U.S.	662.3	3,217.3	300,040	43,028	137,193	397,329
AL	13.9	73.6	7,478	830	2,267	11,250
AK	1.3	7.4	2,136	1,092	199	1,826
AZ	8.9	67.4	4,632	1,144	1,688	3,167
AR	7.5	69.5	5,699	541	1,059	6,943
CA	63.7	110.3	13,459	2,381	15,762	11,104
CO	10.9	64.5	5,906	946	3,101	3,614
CT	10.7	8.9	1,602	337	2,930	895
DE	1.5	3.8	469	41	305	605
DC	1.1	-	170	12	247	-
FL	30.5	62.6	9,578	1,245	5,482	4,668
GA	18.4	86.5	11,259	1,182	3,337	14,014
HI	1.4	2.9	518	36	176	430
ID	2.2	66.2	3,356	607	570	4,058
IL	30.8	103.8	11,440	1,711	6,578	12,841
IN	17.7	74.0	6,104	1,113	4,816	9,211
IA	8.4	103.9	9,600	737	2,295	13,329
KS	8.3	123.9	8,908	808	1,538	22,547
KY	7.4	61.7	4,474	738	1,853	7,222
LA	12.2	45.8	3,846	686	1,653	7,412
ME	2.4	19.7	2,306	313	650	2,743
MD	10.1	17.3	2,508	377	1,958	2,022
MA	20.6	13.2	2,777	562	5,810	2,007
MI	25.1	92.3	7,054	1,129	4,828	19,019
MN	12.9	118.5	10,158	873	1,942	16,495
MS	6.9	64.1	6,332	686	1,679	11,731
MO	14.5	104.1	8,026	1,132	2,312	18,071
MT	2.3	69.2	6,614	1,135	326	4,705
NE	4.5	87.4	7,700	482	1,041	11,412
NV	3.0	40.8	2,386	538	504	2,331
NH	2.4	12.1	1,345	207	711	1,230
NJ	22.4	11.5	1,840	381	5,351	1,718
NM	4.4	49.7	4,565	1,000	686	3,973
NY	36.4	73.4	9,760	1,488	8,476	6,366
NC	17.3	75.1	5,121	764	2,284	10,407
ND	1.5	84.3	6,158	571	376	10,430
OH	29.4	82.8	7,900	1,546	7,330	11,782
OK	11.9	98.1	6,223	926	2,466	9,481
OR	8.4	125.1	5,702	718	1,969	7,746
PA	28.1	87.5	11,455	1,524	6,763	8,196
RI	3.6	2.7	469	70	824	166
SC	9.0	54.3	6,346	756	1,166	8,505
SD	1.6	71.8	6,489	677	356	11,223
TN	11.9	71.9	7,026	1,031	2,371	5,282
TX	62.9	212.9	19,803	3,116	6,965	32,722
UT	5.1	41.0	3,377	806	840	2,571
VT	.9	13.1	1,434	320	264	1,953
VA	12.6	52.5	6,424	1,025	2,907	10,328
WA	14.8	71.0	5,788	715	3,972	7,196
WV	2.9	31.7	2,923	479	781	6,330
WI	13.8	94.4	9,497	577	2,789	11,773
WY	1.5	36.6	3,900	917	440	2,279

- Represents zero. [1] Highway mileage open to traffic.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1033. Highway Mileage—Pavement Condition for Urban and Rural Areas, by Type of Road System: 1978 to 1983

[Highway pavement condition is classified by the Present Serviceability Rating (PSR) system, which ranges from a high of 5.0 down to 0.1. The reported ranges are defined as: PSR 5.0-3.5, pavements give a first class ride and exhibit few, if any, visible signs of surface wear. Of the quality of new or nearly new pavements. PSR 3.4-2.0, pavements have a riding quality somewhat inferior to that of new pavements or may even be barely tolerable at high speeds. Surfaces may show signs of cracking, substantial patching, and rutting. PSR 1.9-0.1, pavements show extensive wear to the point of needing resurfacing or may even need complete reconstruction]

PAVEMENT CONDITION	INTERSTATE ROAD SYSTEMS				ARTERIAL ROAD SYSTEMS				COLLECTOR ROAD SYSTEMS			
	1978	1980	1982	1983	1978	1980	1982	1983	1978	1980	1982	1983
URBAN AREAS												
Percent of road mileage rated—												
PSR 0.1-1.9 (0.1-2.4) [1]	8	6	9	10	5	7	7	6	7	9	8	9
PSR 2.0-3.4 (2.5-3.4) [1]	34	26	33	37	48	42	49	52	59	50	55	57
PSR 3.5-5.0	58	68	58	53	47	51	44	42	34	41	36	34
RURAL AREAS												
Percent of road mileage rated—												
PSR 0.1-1.9 (0.1-2.4) [1]	9	5	8	9	6	6	9	7	9	16	12	13
PSR 2.0-3.4 (2.5-3.4) [1]	28	26	33	33	52	46	50	51	66	55	54	55
PSR 3.5-5.0	63	69	59	58	42	48	42	42	25	29	34	32

[1] PSR range shown in parentheses applies to Interstate roads only.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1034. Receipts and Disbursements for Highways, by Type: 1970 to 1985

[**In millions of dollars.** Data compiled from reports of State and local authorities. For Federal highway trust fund receipts, disbursements, and balances, see table 496. State data include District of Columbia]

TYPE	1970	1975	1980	1982	1983	1984, prel.	1985, proj.		
							Total [1]	Federal	State
Total receipts	**21,747**	**29,160**	**39,715**	**44,055**	**47,772**	**53,010**	**56,296**	**14,831**	**27,815**
Current income	19,861	26,921	37,604	41,140	45,275	50,240	53,366	14,831	26,515
Imposts on highway users [2]	15,311	18,576	22,559	24,312	27,976	32,689	34,794	11,675	22,415
Other taxes and fees	3,732	6,605	11,808	12,812	13,544	13,681	14,612	1,896	2,785
Investment income and other receipts	818	1,738	3,237	4,016	3,755	3,870	3,960	1,260	1,315
Bond issue proceeds [3]	1,886	2,239	2,111	2,915	2,497	2,770	2,930	-	1,300
Intergovernmental payments [4]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	−14,423	6,981
Funds drawn from (+) or placed in (−) reserves	−912	−461	+2,080	−728	−1,628	−952	+1,412	+619	+433
Total funds available	20,835	28,699	41,795	43,327	46,144	52,058	57,708	1,027	35,229
Total disbursements	**20,835**	**28,699**	**41,795**	**43,327**	**46,144**	**52,058**	**57,708**	**1,027**	**35,229**
Current disbursements	19,583	27,207	40,084	41,281	43,960	49,845	55,404	1,027	34,005
Capital outlay	11,575	14,398	20,337	19,052	20,540	24,878	28,973	576	22,049
Maintenance and traffic services	4,720	7,286	11,445	13,319	14,015	14,933	15,868	141	5,997
Administration and research	1,275	1,981	3,022	3,152	3,276	3,484	3,659	310	2,059
Law enforcement and safety	1,303	2,413	3,824	4,068	4,257	4,585	4,877	-	2,640
Interest on debt	710	1,129	1,456	1,690	1,872	1,965	2,027	-	1,260
Debt retirement [3]	1,252	1,492	1,711	2,046	2,184	2,213	2,304	-	1,224

- Represents zero. X Not applicable. [1] Includes other levels of government not shown separately.
[2] Excludes amounts later allocated for nonhighway purposes. [3] Par value. Excludes issue and redemption of short-term notes or refunding bonds. Premiums and discounts on sale of bonds and accrued interest are included with investment income and other receipts. Redemption premiums and discounts are included with interest on debt. [4] Plus sign (+) indicates net receipt of funds from other levels of government; minus sign (−) indicates net disbursement of funds to other levels.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual; and releases.

No. 1035. Disbursements of State Highway Funds—Total, 1980 to 1983, and by Purpose, 1983, by State

[**In millions of dollars.** Comprises disbursements from current revenues or loans for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous. Includes transactions by State toll authorities. Excludes amounts allocated for collection and nonhighway purposes, and bonds redeemed by refunding. See also *Historical Statistics, Colonial Times to 1970*, series Q 90-94]

STATE	1980, total	1982, total	1983				STATE	1980, total	1982, total	1983			
			Total [1]	State highways						Total [1]	State highways		
				Capital outlays [2]	Maintenance [3]	Law enforcement and safety					Capital outlays [2]	Maintenance [3]	Law enforcement and safety
U.S.	**30,049**	**29,803**	**32,343**	**13,750**	**5,513**	**2,311**	MO	555	507	568	226	147	48
							MT	224	174	222	112	32	12
AL	517	605	629	300	67	35	NE	274	271	327	147	41	17
AK	274	302	324	152	100	9	NV	169	164	208	108	22	12
AZ	365	347	463	171	40	26	NH	152	197	172	57	53	24
AR	425	351	345	145	65	22							
							NJ	662	782	804	231	172	118
CA	1,930	2,013	2,161	620	327	334	NM	197	301	347	186	59	15
CO	411	411	441	188	90	24	NY	1,650	1,653	1,876	861	309	105
CT	393	396	457	190	56	35	NC	807	693	745	276	263	76
DE	152	168	188	86	24	13	ND	143	136	187	91	24	6
DC	57	99	94	37	26	5	OH	1,032	1,199	1,291	394	161	81
FL	1,261	1,133	1,205	564	151	65	OK	461	539	603	236	65	59
GA	762	728	945	604	114	24	OR	482	417	437	191	47	35
HI	134	133	160	93	14	1	PA	1,557	1,817	1,744	637	467	150
ID	153	160	184	70	38	10	RI	72	88	92	47	19	6
IL	1,652	1,482	1,595	717	193	92	SC	309	300	340	162	99	28
IN	668	672	647	237	107	41	SD	151	144	165	78	29	10
IA	504	499	551	172	71	24	TN	609	555	654	337	80	30
KS	440	366	368	128	61	24	TX	1,882	1,677	1,762	1,062	398	94
KY	913	692	770	364	121	33	UT	241	200	247	152	37	5
LA	682	812	916	596	65	52	VT	87	125	115	30	27	12
ME	164	186	181	67	61	11	VA	894	783	909	428	261	62
MD	663	850	837	268	121	54	WA	787	799	837	371	132	56
MA	704	527	617	160	129	52	WV	672	493	467	231	98	18
MI	997	1,016	989	239	132	112	WI	468	509	639	264	96	30
MN	611	671	735	294	115	40	WY	192	201	236	153	46	9
MS	468	461	456	198	42	32							

[1] Includes funds for administration and miscellaneous, bond interest, bond redemption, and county and local roads and streets.
[2] Outlays for roads and bridges. [3] Includes traffic services.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1036. Federal Grants to State and Local Governments for Highway Trust Fund and Urban Mass Transportation Administration (UMTA), by State: 1984

[Year ending Sept. 30]

STATE	HIGHWAY TRUST FUND		UMTA		STATE	HIGHWAY TRUST FUND		UMTA		STATE	HIGHWAY TRUST FUND		UMTA	
	Total (mil. dol.)	Per capita (dol.)	Total (mil. dol.)	Per capita (dol.)		Total (mil. dol.)	Per capita (dol.)	Total (mil. dol.)	Per capita (dol.)		Total (mil. dol.)	Per capita (dol.)	Total (mil. dol.)	Per capita (dol.)
U.S	**9,460**	**40.16**	**3,442**	**15.25**	KY	182	48.75	8	2.18	ND	95	138.01	4	6.13
AL	199	49.84	8	1.99	LA	238	53.29	36	8.12	OH	348	32.36	101	9.38
AK	143	286.42	5	10.51	ME	52	45.13	4	3.72	OK	121	36.72	7	2.24
AZ	157	51.52	12	4.16	MD	216	49.72	86	19.80	OR	127	47.40	77	28.87
AR	106	54.29	3	1.11	MA	110	19.02	278	47.94	PA	394	33.12	337	28.30
CA	688	26.85	495	19.32	MI	243	26.81	99	10.88	RI	48	49.94	7	7.67
CO	177	55.63	58	18.10	MN	211	50.78	30	7.17	SC	117	35.59	5	1.55
CT	124	39.29	13	4.22	MS	125	48.25	1	.54	SD	78	110.74	1	.94
DE	43	69.70	4	6.86	MO	231	46.03	34	6.69	TN	248	52.57	16	3.36
DC	20	32.10	117	187.38	MT	116	140.57	2	2.54	TX	512	32.04	115	7.19
FL	304	27.72	208	18.91	NE	103	63.87	1	.89	UT	140	84.67	13	7.58
GA	336	57.52	135	23.05	NV	69	76.04	5	5.75	VT	47	88.84	1	2.46
HI	65	62.61	23	21.34	NH	46	46.95	3	2.59	VA	193	34.17	21	3.76
ID	69	68.70	2	2.40	NJ	158	21.09	143	19.07	WA	286	65.79	48	11.05
IL	411	35.70	192	16.70	NM	110	77.08	2	1.64	WV	173	88.68	7	2.88
IN	215	39.15	42	7.71	NY	474	26.74	577	32.56	WI	181	37.94	28	5.79
IA	194	66.80	13	4.34	NC	194	31.54	12	1.96	WY	79	154.93	(z)	.19
KS	142	58.36	3	1.43										

Z Less than $500,000.

Source: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year 1984*, March 1985.

No. 1037. State Gasoline Tax Rates, 1983 and 1984, and Motor Fuel Tax Receipts, 1983

[See also *Historical Statistics, Colonial Times to 1970*, series Q 233-234]

STATE	RATE [1] (cents per gal.)		Receipts, [2] 1983 (mil. dol.)	STATE	RATE [1] (cents per gal.)		Receipts, [2] 1983 (mil. dol.)	STATE	RATE [1] (cents per gal.)		Receipts, [2] 1983 (mil. dol.)
	1983	1984			1983	1984			1983	1984	
Total	**18.75**	**19.58**	(x)	IA	13	13	186	NC	12	12	378
Federal	9.0	9.0	(x)	KS	10	11	123	ND	13	13	43
State	**[3] 9.75**	**[3] 10.58**	**11,572**	KY [5]	10	10	196	OH	12	12	598
AL	11	[4] 13	239	LA	8	16	196	OK [6]	6.58	9	130
AK	8	8	24	ME	14	14	73	OR	8	9	98
AZ	12	13	168	MD	13.5	13.5	259	PA	12	12	743
AR	9.5	9.5	129	MA	11	11	262	RI	13	13	47
CA	9	9	1,140	MI	13	15	494	SC	13	13	230
CO	12	12	167	MN	16	17	305	SD	13	13	52
CT	14	15	190	MS	9	9	123	TN	9	10	253
DE	11	11	36	MO	7	7	194	TX	5	10	506
DC	14.8	15.5	24	MT	15	15	61	UT	11	14	82
FL	9.7	9.7	490	NE	15.5	14.7	116	VT	13	13	37
GA	7.5	7.5	255	NV	12	12	67	VA [5]	11	11	399
HI	8.5	8.5	28	NH	14	14	58	WA	16	18	290
ID	14.5	14.5	71	NJ	8	8	298	WV	10.5	10.5	100
IL	11	12	436	NM	11	11	91	WI	15	16	307
IN	11.1	11.1	325	NY	8	8	422	WY	8	8	35

X Not applicable. [1] In effect Dec. 31. [2] Represents net receipts. [3] Represents weighted average based on net gallons taxed. [4] Includes 2 cents per gallon inspection fee. [5] Trucks or combinations with more than 2 axles pay tax of 2 cents per gallon more. [6] .08 cents per gallon is for inspection fee.

No. 1038. Public Highway Debt—State and Local Governments: 1970 to 1985

[**In millions of dollars.** Long-term obligations. State data are for calendar years; local data for varying fiscal years. Excludes duplicated and interunit obligations. Municipal debt includes other political subdivisions urban in character. See also *Historical Statistics, Colonial Times to 1970*, series Q 136-147]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984 [1]	1985 [2]
Total debt issued [3]	**1,886**	**2,239**	**1,883**	**1,904**	**2,094**	**2,574**	**2,915**	**2,497**	**2,770**	**2,930**
State	1,305	1,412	942	941	1,128	965	1,555	1,072	1,250	1,300
County and township	174	222	238	279	276	305	415	410	420	430
Municipal	407	605	703	684	690	1,304	945	1,015	1,100	1,200
Total debt redeemed [4]	**1,252**	**1,492**	**1,593**	**1,751**	**1,706**	**2,464**	**2,046**	**2,184**	**2,213**	**2,304**
State	782	908	934	960	1,022	1,579	1,146	1,191	1,203	1,224
County and township	152	166	170	177	209	201	225	250	260	280
Municipal	318	418	469	614	475	684	675	743	750	800
Total debt outstanding	**19,107**	**23,801**	**25,327**	**25,463**	**25,851**	**25,961**	**26,830**	**27,143**	**27,700**	**28,326**
State	13,903	17,422	18,175	18,176	18,282	17,668	18,077	17,958	18,005	18,081
County and township	1,685	1,822	2,075	2,090	2,157	2,261	2,451	2,611	2,771	2,921
Municipal	3,519	4,557	5,077	5,197	5,412	6,032	6,302	6,574	6,924	7,324

[1] Preliminary. [2] Projection. [3] Excludes refunding issues. [4] Excludes redemptions by refunding.

Source of tables 1037 and 1038: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1039. Motor Vehicles—Summary: 1970 to 1984

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984
PASSENGER CARS										
Passenger car production	1,000	6,550	6,717	9,177	8,434	6,376	6,253	5,073	6,781	7,773
Passenger car factory sales	1,000	6,547	6,713	9,165	8,419	6,400	6,255	5,049	6,739	7,621
Passenger car (new), retail sales [1]	1,000	8,405	8,640	11,312	10,671	8,979	8,536	7,982	9,182	10,391
Domestic [2]	1,000	7,116	7,050	9,308	8,341	6,581	6,209	5,759	6,795	7,952
Subcompact [3]	1,000	1,338	700	1,191	1,671	1,604	1,630	1,489	1,776	2,322
Compact [3]	1,000		2,336	2,391	2,130	1,659	1,568	1,257	1,110	1,336
Standard [3]	1,000		1,956	2,647	2,147	1,358	1,250	1,377	1,825	1,817
Intermediate [3]	1,000	5,778	2,058	3,079	2,393	1,957	1,757	1,641	2,071	2,484
Imports [4]	1,000	1,285	1,587	2,000	2,329	2,398	2,327	2,223	2,387	2,439
TRUCKS										
Truck and bus production	1,000	1,734	2,270	3,723	3,046	1,634	1,690	1,912	2,444	3,151
Truck and bus factory sales	1,000	1,692	2,272	3,706	3,037	1,667	1,701	1,906	2,414	3,075
Truck and bus retail sales [5]	1,000	1,746	2,351	3,914	3,236	2,232	1,972	2,248	2,709	3,538
Light duty (up to 14,000 GVW) [6]	1,000	(NA)	2,076	3,547	2,861	1,964	1,747	2,064	2,521	3,261
Med. duty (14,001–26,000 GVW) [6]	1,000	(NA)	169	164	152	92	74	46	48	61
Heavy duty (over 26,000 GVW) [6]	1,000	126	106	203	223	176	152	138	141	216
MOTORCYCLES										
Motorcycle registrations, new [7]	1,000	751	747	797	861	838	794	689	811	772
Motorcycle (new) retail sales [8]	1,000	1,010	940	975	1,085	1,065	1,045	970	1,175	1,260
All-terrain vehicles	1,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	250	425	550
All-terrain vehicle imports	1,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	275	430	695
Motorcycle imports, total [9]	1,000	1,091	948	935	887	1,120	1,057	917	540	441
Value [10]	Mil. dol	308	713	797	870	1,142	1,314	1,110	697	523
FOREIGN TRADE										
Passenger cars (new), exported [11]	1,000	285	640	706	793	617	548	379	554	616
Passenger cars (new), imported [11] [12]	1,000	2,013	2,075	3,025	3,006	3,248	2,999	3,067	3,667	4,880
Canada	1,000	693	734	833	677	595	564	703	837	1,073
Germany, Federal Republic of	1,000	675	370	416	496	471	376	338	330	399
Japan	1,000	381	696	1,563	1,617	1,992	1,912	1,823	2,112	2,692
Trucks (new) exports	1,000	91	219	243	251	186	166	124	132	159
Trucks (new) imports [12]	1,000	166	295	743	677	747	733	697	785	1,025
Japan	1,000	27	142	368	397	483	456	356	430	567
Import value, new passenger cars [1]	Mil. dol	3,719	7,483	14,072	14,852	16,935	17,939	20,397	24,146	30,423
Trucks and buses, new [1]	Mil. dol	381	620	2,146	1,841	1,985	4,217	4,453	4,848	6,541
Export value [1] [13]	Mil. dol	3,871	10,658	14,548	16,590	16,015	18,121	16,039	17,078	20,776
Passenger cars (new) [13]	Mil. dol	822	2,852	3,623	4,642	3,932	3,928	2,867	4,208	4,876
Trucks and buses (new) [13]	Mil. dol	636	2,305	2,752	3,267	2,977	3,247	2,642	2,130	2,479
Parts and accessories [14]	Mil. dol	2,413	5,501	8,173	8,681	9,106	10,946	10,530	10,740	13,421
VEHICLES IN USE AND RETIRED										
Cars in use, total	Million	80.4	95.2	102.9	104.7	104.6	105.8	106.9	109.0	112.0
Under 3 years	Million	24.4	25.8	27.3	28.2	26.8	24.2	21.5	20.7	22.0
3–5 years	Million	24.9	27.0	27.3	25.2	25.5	28.8	29.9	28.8	26.8
6–8 years	Million	18.4	22.0	23.3	25.0	25.2	23.0	22.2	23.5	26.8
9–11 years	Million	7.7	13.9	14.6	14.9	14.6	16.0	17.9	18.9	17.4
12 years and over	Million	4.9	6.6	10.5	11.3	12.5	13.9	15.4	17.0	19.0
Average age	Years	5.6	6.0	6.3	6.4	6.6	6.9	7.2	7.4	7.5
Cars retired from use [15]	1,000	7,461	5,669	7,907	9,312	8,405	7,542	6,921	6,243	6,675
Trucks in use, total	Million	17.7	24.8	30.5	32.6	35.2	36.1	37.0	38.1	40.1
Under 3 years	Million	4.7	6.9	8.5	9.2	6.8	7.3	5.6	5.9	7.2
3-5 years	Million	4.3	5.8	7.4	7.3	8.1	9.7	10.7	9.5	8.0
6–8 years	Million	3.0	4.4	5.3	6.2	7.4	7.1	7.1	7.7	9.2
9–11 years	Million	1.9	3.2	3.8	4.0	4.4	4.9	5.7	6.5	6.2
12 years and over	Million	3.9	4.4	5.5	5.9	6.5	7.2	7.9	8.5	9.6
Average age	Years	7.3	6.9	6.9	6.9	7.1	7.5	7.8	8.1	8.2
Trucks retired from use [15]	1,000	837	908	1,426	1,916	1,732	1,519	1,459	1,491	1,602
TIRES AND BATTERIES SHIPMENTS										
Tires, passenger car, total [16]	Million	168.6	167.0	193.9	174.0	145.9	165.3	167.5	182.0	201.6
Radials	Million	2.9	61.5	89.5	90.9	83.5	108.6	115.9	133.4	156.6
Replacement	Million	129.6	122.5	135.2	121.9	106.9	125.3	130.5	134.0	144.6
Tires, truck and bus, total [16]	Million	25.7	27.3	42.7	39.9	31.1	35.8	33.8	36.9	40.6
Radials	Million	(NA)	.8	3.1	4.1	3.8	9.2	10.4	13.4	16.0
Replacement	Million	16.7	19.8	30.0	28.9	24.4	28.5	28.1	30.3	31.7
Batteries, total [17]	Million	46.9	52.9	73.2	69.3	61.6	65.5	64.6	69.0	74.7
Replacement automobile batteries	Million	37.9	39.3	56.4	53.7	50.1	53.6	54.2	56.1	59.3

NA Not available. [1] Based on data from U.S. Dept. of Commerce. [2] Includes domestic models produced in Canada. [3] Source: Board of Governors of the Federal Reserve System, unpublished data. Represents total auto sales data from *Ward's Automotive Reports*. Criteria by which each year's car models are grouped into the major size categories vary among those collecting data. Data shown here follow *Automotive News* classifications. Beginning 1978, cars produced in U.S. by foreign manufacturer are included in subcompact. [4] Excludes domestic models produced in Canada. [5] Excludes motorcoaches and imports from foreign manufacturers. Beginning 1975, includes imports sold by franchised dealers of U.S. manufacturers. [6] Gross vehicle weight (fully loaded vehicle). [7] Source: R. L. Polk & Company, Detroit, MI, *New Motorcycle Registrations by States*. Excludes Oklahoma; 1984, excludes New York. Reproduction prohibited without Polk permission. [8] Estimates by Motorcycle Industry Council Inc., Costa Mesa, CA. Includes all-terrain vehicles. Excludes mopeds/motorized bicycles. [9] Source: Motorcycle Industry Council, Inc., Costa Mesa, CA. Data from U.S. Dept. of Commerce. Excludes mopeds/motorized bicycles and all-terrain vehicles. [10] Dutiable value for customs purposes prior to 1980 thereafter, c.i.f. value. [11] 1970–1977, covers assembled vehicles only. Beginning 1978, includes chassis. [12] Includes other countries, not shown separately. [13] Covers assembled and unassembled vehicles. [14] Includes rubber tires and tubes and used vehicles. [15] For years ending June 30. Represents vehicles failing to re-register. [16] Includes original equipment. Also includes exports, not shown separately. Source: The Rubber Manufacturers Association, Inc., Washington, D.C., *RMA Monthly Tire Report*. [17] Source: Battery Council International, Chicago, IL.

Source: Except as noted, Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI, *Motor Vehicle Facts and Figures*, annual; and *World Motor Vehicle Data*, annual.

No. 1040. Motor-Vehicle Registrations, 1960 to 1984, and Drivers Licenses, 1983, by State

[*In thousands, except as indicated. Motor vehicle registrations cover publicly, privately, and commercially owned vehicles. For uniformity, figures have been adjusted to a calendar-year basis as registration years in States differ; figures represent net numbers where possible, excluding re-registrations and nonresident registrations*]

State	Automobiles, trucks, and buses [1]									Motorcycles [1] (incl. official)		Drivers licenses,	
							1984, est.			1984, est.		1983	
								Automobiles (incl. taxis)					
	1960, total	1970, total	1975, total	1980, total	1982, total	1983, total	Total	Total	Per 1,000 population [2]	Total	Per 1,000 population [2]	Total [3]	Percent male
U.S.	73,858	108,418	132,949	155,796	159,599	163,861	168,607	130,053	551	5,618	24	154,221	52.40
AL	1,282	1,966	2,493	2,938	3,039	3,145	3,210	2,317	581	76	19	3,394	51.98
AK	81	139	226	262	319	350	378	234	468	11	22	289	58.12
AZ	624	1,093	1,459	1,917	2,216	2,289	2,357	1,682	551	89	29	2,179	54.06
AR	708	1,043	1,283	1,574	1,481	1,445	1,428	927	395	23	10	1,650	51.63
CA	7,799	11,901	13,891	16,873	17,130	17,767	18,870	14,730	575	715	28	16,649	52.92
CO	924	1,442	1,925	2,342	2,502	2,649	2,779	2,020	636	117	37	2,229	52.15
CT	1,107	1,733	1,949	2,147	2,258	2,305	2,340	2,185	693	80	25	2,250	51.71
DE	192	312	351	397	415	427	453	361	589	11	18	432	51.42
DC	206	257	255	268	231	233	234	215	345	6	10	370	54.96
FL	2,367	4,120	5,395	7,614	8,335	8,808	9,548	7,682	700	247	23	8,347	51.92
GA	1,512	2,584	3,211	3,818	3,916	4,208	4,299	3,202	549	107	18	3,725	51.45
HI	231	405	462	570	586	616	693	573	551	9	9	575	55.26
ID	375	488	647	834	873	877	889	530	529	51	51	648	52.26
IL	3,776	5,238	6,344	7,477	7,242	7,513	7,707	6,002	521	231	20	6,985	52.24
IN	2,046	2,818	3,315	3,826	3,864	3,852	3,844	2,850	518	136	25	3,551	51.21
IA	1,325	1,790	2,099	2,329	2,346	2,479	2,531	1,780	612	242	83	1,929	49.65
KS	1,163	1,548	1,805	2,007	2,061	2,048	2,072	1,423	584	102	42	1,681	50.61
KY	1,198	1,763	2,245	2,593	2,615	2,621	2,632	1,816	488	58	16	2,193	53.52
LA	1,177	1,742	2,188	2,779	2,800	2,877	2,909	2,037	457	63	14	2,767	52.84
ME	374	510	648	724	743	766	790	583	504	50	43	770	51.40
MD	1,155	1,872	2,423	2,803	2,893	3,011	3,192	2,675	615	71	16	2,799	51.78
MA	1,803	2,575	3,107	3,749	3,808	3,840	3,868	3,401	587	116	20	2,678	51.85
MI	3,306	4,569	5,545	6,488	6,250	6,295	6,329	5,038	555	229	25	6,345	52.20
MN	1,592	2,207	2,525	3,091	3,183	3,282	3,363	2,448	588	171	41	2,374	51.92
MS	723	1,117	1,377	1,577	1,593	1,560	1,565	1,192	459	29	11	1,803	53.57
MO	1,720	2,408	2,866	3,271	3,412	3,433	3,460	2,553	510	91	18	3,323	51.60
MT	373	485	611	680	758	829	894	526	638	32	39	489	54.82
NE	734	974	1,165	1,254	1,215	1,235	1,255	828	516	47	29	1,095	51.55
NV	175	355	464	655	710	730	755	542	595	22	24	676	53.09
NH	256	390	485	704	774	803	830	712	729	55	56	697	51.89
NJ	2,401	3,586	4,155	4,761	4,917	4,941	4,973	4,436	591	99	13	5,459	52.68
NM	426	697	827	1,068	1,193	1,237	1,281	819	575	55	39	766	52.00
NY	5,067	6,718	7,591	8,002	8,235	8,417	8,672	7,585	428	210	12	9,606	53.24
NC	1,720	2,826	3,690	4,532	4,583	4,603	4,690	3,543	575	116	19	3,966	51.44
ND	345	428	551	627	653	666	676	396	577	33	48	432	52.06
OH	4,087	5,974	7,179	7,771	7,636	7,768	7,869	6,520	606	289	27	7,397	51.90
OK	1,184	1,713	2,113	2,583	2,780	2,769	2,775	1,745	529	129	39	2,174	51.47
OR	919	1,369	1,628	2,081	2,075	2,121	2,153	1,486	556	85	32	1,901	52.88
PA	4,287	5,818	7,659	6,926	6,725	6,844	6,978	5,868	493	229	19	7,443	53.33
RI	341	488	563	623	586	598	605	524	545	27	28	603	51.23
SC	879	1,360	1,772	1,996	1,975	2,058	2,148	1,646	499	40	12	2,008	49.39
SD	354	426	521	601	615	629	641	399	565	40	57	482	51.82
TN	1,307	2,050	2,727	3,271	3,531	3,537	3,649	2,999	636	79	17	2,933	51.63
TX	4,457	6,693	8,398	10,475	11,364	11,695	12,041	8,328	521	324	20	11,406	52.78
UT	417	664	845	992	1,038	1,074	1,119	769	465	68	41	926	49.63
VT	152	229	287	347	351	367	386	298	562	23	43	361	52.63
VA	1,426	2,263	3,251	3,626	3,705	3,894	3,985	3,405	604	81	14	3,704	54.46
WA	1,377	2,102	2,540	3,225	3,237	3,338	3,401	2,407	553	134	31	2,867	52.45
WV	601	801	966	1,320	1,142	1,295	1,326	925	474	31	16	1,417	56.14
WI	1,600	2,182	2,591	2,941	3,162	3,214	3,314	2,597	545	215	45	3,086	51.91
WY	207	247	337	467	508	502	512	292	571	24	47	394	54.77

[1] Excludes vehicles owned by military services. [2] Based on resident population as of July 1.
[3] Estimated from data reported by States for current and previous years; allowance has been made for deaths, emigration, or revocation by some States.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual; and *Drivers Licenses*, annual.

No. 1041. Motor Vehicles—Registrations, Factory Sales, and Retail Sales: 1950 to 1984

[Minus sign (–) indicates decrease. For definition of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series Q 148–155]

Year	Registrations [1] (mil.)			Motorcycle registrations [1] (1,000)	Factory sales (1,000)			Passenger cars retail sales (1,000)			Average annual percent change [4]	
	Total cars, trucks, buses	Passenger cars [2]	Trucks and buses		Total cars, trucks, buses	Passenger cars	Trucks and buses [3]	Total	Domestic	Imports	Registrations [5]	Retail sales
1950	49.2	40.4	8.8	454	8,003	6,666	1,337	(NA)	(NA)	(NA)	[6] 7.4	(NA)
1955	62.7	52.1	10.6	412	9,169	7,920	1,249	7,466	7,408	58	5.0	(NA)
1960	73.9	61.7	12.2	574	7,869	6,675	1,194	6,641	6,142	499	3.3	–2.3
1965	90.4	75.3	15.1	1,382	11,057	9,306	1,752	9,332	8,763	569	4.1	7.0
1967	96.9	80.4	16.5	1,953	8,976	7,437	1,539	8,337	7,568	769	3.5	–5.5
1968	100.9	83.6	17.3	2,089	10,718	8,822	1,896	9,656	8,625	1,031	4.1	15.8
1969	105.1	86.9	18.2	2,316	10,147	8,224	1,923	9,583	8,464	1,118	4.2	–.8
1970	108.4	89.2	19.2	2,824	8,239	6,547	1,692	8,405	7,119	1,285	3.2	–12.3
1971	113.0	92.7	20.3	3,344	10,638	8,585	2,053	10,250	8,681	1,568	4.2	22.0
1972	118.8	97.1	21.7	3,760	11,271	8,824	2,447	10,950	9,327	1,623	5.1	6.8
1973	125.7	102.0	23.7	4,371	12,637	9,658	2,980	11,439	9,676	1,763	5.8	4.5
1974	129.9	104.8	25.1	4,966	10,059	7,331	2,727	8,867	7,454	1,413	3.4	–22.5
1975	132.9	106.7	26.2	4,964	8,985	6,713	2,272	8,640	7,053	1,587	2.3	–2.6
1976	138.5	110.2	28.4	4,933	11,480	8,500	2,979	10,110	8,611	1,498	4.2	17.0
1977	142.1	112.3	29.8	4,881	12,642	9,201	3,441	11,185	9,109	2,076	2.6	10.6
1978	148.4	116.6	31.8	4,868	12,871	9,165	3,706	11,312	9,312	2,000	4.4	1.1
1979	151.9	118.5	33.4	5,422	11,456	8,419	3,037	10,671	8,341	2,329	2.4	–5.7
1980	155.8	121.6	34.2	5,694	8,067	6,400	1,667	8,979	6,581	2,398	2.6	–15.9
1981	158.3	123.1	35.1	5,831	7,956	6,255	1,701	8,536	6,209	2,327	1.6	–4.9
1982	159.6	123.7	35.9	5,743	6,955	5,049	1,906	7,982	5,759	2,223	.8	–6.5
1983	163.9	126.6	37.3	5,585	9,153	6,739	2,414	9,182	6,795	2,387	2.7	15.0
1984	[7] 168.6	[7] 130.1	[7] 38.6	[7] 5,618	10,696	7,621	3,075	10,391	7,952	2,439	2.9	13.2

NA Not available. [1] Excludes Alaska and Hawaii prior to 1960. Includes publicly owned vehicles. Excludes military services' vehicles. [2] Includes taxis. [3] Includes standard equipment. [4] From prior year shown. [5] Excludes motorcycles. [6] Change from 1945. [7] Estimate.

Source: Registrations—U.S. Federal Highway Administration, *Highway Statistics*, annual; sales—Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI, *MVMA Motor Vehicle Facts and Figures*, annual.

No. 1042. Motor Vehicle Output and Trade in National Income Accounts: 1970 to 1984

[In billions of dollars, except percent. Vehicle output equals final dollar sales value of new vehicles, plus net dollar value of used vehicle sales, adjusted for changes in inventories and net balance of vehicle exports and imports]

Year	Current dollars							Constant (1972) dollars						
	GNP [1]	Vehicle output				Vehicle		GNP [1]	Vehicle output				Vehicle	
		Total	Percent of GNP	Auto	Truck	Export value	Import value		Total	Percent of GNP	Auto	Truck	Export value	Import value
1970	993	37.5	3.8	28.7	8.8	1.4	4.4	1,086	39.2	3.6	29.8	9.4	1.5	5.1
1971	1,078	50.2	4.7	39.1	11.1	1.8	5.9	1,121	50.1	4.5	38.9	11.2	1.8	6.2
1972	1,186	56.2	4.7	41.6	14.6	2.0	6.8	1,186	56.2	4.7	41.6	14.6	2.0	6.8
1973	1,326	64.2	4.8	46.2	18.0	2.7	7.8	1,255	64.3	5.1	46.4	17.9	2.7	7.4
1974	1,434	58.9	4.1	39.2	19.7	3.7	8.8	1,248	55.0	4.4	37.1	17.9	3.4	7.5
1975	1,549	58.3	3.8	40.7	17.6	5.1	8.4	1,234	50.0	4.1	35.7	14.3	4.3	6.4
1976	1,718	80.7	4.7	55.9	24.8	5.4	11.0	1,300	64.2	4.9	45.3	18.9	4.2	7.9
1977	1,918	98.0	5.1	65.1	32.9	5.6	13.3	1,370	73.9	5.4	50.7	23.2	4.2	8.8
1978	2,164	109.7	5.1	69.5	40.2	6.5	17.4	1,439	76.5	5.3	50.3	26.2	4.4	10.2
1979	2,418	107.2	4.4	68.0	39.2	8.0	18.6	1,479	70.2	4.7	47.0	23.2	5.1	9.9
1980	2,632	87.0	3.3	60.8	26.2	7.1	20.9	1,475	53.3	3.6	39.4	13.9	4.1	10.2
1981	2,958	99.9	3.4	70.6	29.3	7.2	22.6	1,512	57.0	3.8	42.8	14.2	3.9	10.1
1982	3,069	97.2	3.2	67.0	30.2	5.3	25.3	1,480	53.0	3.6	38.9	14.1	2.7	10.9
1983	3,305	125.0	3.8	88.7	36.3	6.1	29.1	1,535	66.6	4.3	49.9	16.7	3.0	12.3
1984	3,663	160.6	4.4	106.4	54.2	7.5	37.5	1,639	81.8	5.0	58.1	23.7	3.6	15.5

[1] For definition of gross national product (GNP), see text, p. 427.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 1043. Automobiles—Factory-Installed Equipment: 1970 to 1984

[Refers to model-year production. For certain items, such as air-conditioning, a significant number of units are installed on new vehicles after they leave the factory]

Equipment	Units installed (mil.)							Percent of cars produced						
	1970	1975	1980	1981	1982	1983	1984	1970	1975	1980	1981	1982	1983	1984
Transmission:														
Automatic	7.2	6.2	6.1	5.6	4.7	52	7.1	91.0	91.6	82.2	85.3	85.8	87.0	84.0
Manual	.7	.6	1.3	1.0	.8	.8	1.3	8.9	8.4	17.8	14.6	14.2	13.0	15.0
V-8	6.7	4.9	2.3	1.9	1.6	1.8	2.2	84.2	71.4	31.6	29.0	28.9	31.0	27.0
6-cylinder engine	1.2	1.3	2.7	2.3	1.7	1.7	2.2	15.7	19.6	36.0	36.0	31.1	29.3	25.0
4-cylinder engine	(NA)	.6	2.4	2.2	2.2	2.4	3.9	(NA)	9.0	32.4	35.0	40.0	39.7	46.0
Diesel engine	–	–	.4	.5	.3	.1	1.1	–	–	4.9	7.3	4.9	1.4	1.3
Power brakes	4.4	5.2	6.2	5.6	5.0	5.6	7.9	56.0	75.8	83.1	86.0	90.2	94.0	94.0
Power steering	6.4	6.1	6.2	5.7	4.9	5.4	7.5	81.2	89.7	82.9	87.1	89.7	91.0	90.0
Power windows [1]	1.3	1.6	1.6	1.7	1.8	2.3	3.3	16.7	24.1	22.3	26.6	32.5	39.0	39.0
Air-conditioning	4.8	4.9	5.4	5.1	4.5	4.9	6.8	60.9	73.1	72.6	78.4	81.8	82.0	83.0
Tinted glass [2]	5.5	5.5	5.9	5.6	4.8	(NA)	7.5	69.5	80.6	80.8	85.3	87.4	(NA)	90.0

– Represents zero. NA Not available. [1] Includes station wagon power rear windows.
[2] Covers windshield and other glass.

Source: Chilton Company, Radnor, PA, *Annual Statistical Issue, Automotive Industries.* (Copyright.)

No. 1044. Recreational Vehicles—Number and Retail Value of Shipments: 1970 to 1984

Type	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Number (1,000)													
Total	**380.3**	**528.8**	**295.8**	**339.6**	**541.1**	**533.9**	**526.3**	**307.7**	**181.4**	**239.1**	**258.0**	**358.0**	**398.2**
Motorized homes	30.3	129.0	68.9	86.6	256.1	280.2	293.6	172.6	99.9	135.2	152.5	223.7	257.3
Travel trailers	138.0	212.3	126.3	150.6	189.7	167.9	159.8	90.2	52.0	63.8	65.5	90.0	92.4
Folding camping trailers	116.1	97.7	55.2	48.1	53.3	53.9	48.2	31.1	24.5	35.0	34.3	37.5	40.9
Truck campers	95.9	89.8	45.4	44.3	42.0	31.9	24.7	13.8	5.0	5.1	5.7	6.8	7.6
Retail value (mil. dol.)													
Total	**1,122**	**2,322**	**1,392**	**2,320**	**4,284**	**5,327**	**5,683**	**3,538**	**1,952**	**2,775**	**3,505**	**6,324**	**7,733**
Motorized homes	318	1,153	624	1,251	2,923	3,876	4,329	2,682	1,381	2,019	2,701	5,099	6,262
Travel trailers	445	843	567	856	1,132	1,229	1,153	725	485	631	666	1,067	1,157
Folding camping trailers	175	160	109	101	117	123	116	83	69	105	110	122	266
Truck campers	183	167	92	112	112	99	85	48	17	20	28	36	46

Source: Recreation Vehicle Industry Association, Reston, VA, *RVs . . . The Family Camping Vehicle, A Year-End Report/1984.* Data also in Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI, *Motor Vehicle Facts and Figures,* annual.

No. 1045. Motor Vehicle Safety Defect Recalls, by Domestic and Foreign Manufacturers: 1974 to 1984

[Covers manufacturers reporting to U.S. National Highway Traffic Administration under section 151 of National Traffic and Motor Vehicle Safety Act of 1966, as amended]

Manufacturer	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Motor vehicles:												
Total recall campaigns [1]	**Number**	**247**	**217**	**209**	**246**	**271**	**275**	**167**	**156**	**135**	**140**	164
Domestic	Number	208	190	169	195	199	218	129	128	107	110	127
Foreign	Number	39	27	40	51	72	57	38	28	28	30	37
Total vehicles recalled	**1,000**	**2,877**	**2,109**	**3,492**	**12,923**	**9,063**	**8,919**	**4,863**	**9,405**	**1,914**	**6,114**	**7,220**
Domestic	1,000	2,345	1,829	3,019	10,693	7,921	6,997	3,939	7,379	1,401	3,090	6,283
Vehicles recalled by 4 leading auto manufacturers	1,000	2,194	1,602	2,854	10,331	7,670	6,989	3,730	7,247	1,324	3,021	6,148
Foreign	1,000	531	280	474	2,230	1,141	1,922	924	2,026	513	3,024	937
Motor vehicle tires:												
Recall campaigns [1]	Number	26	22	28	35	31	42	24	25	17	21	16
Tires recalled	1,000	1,094	72	464	471	14,686	235	7,070	125	131	95	81

[1] A recall compaign is the notification to the Secretary of the U.S. Dept. of Transportation and to owners, purchasers, and dealers, of a motor vehicle safety defect.

Source: U.S. National Highway Traffic Safety Administration, *Motor Vehicles Defect Recall Campaigns,* annual.

No. 1046. Motor Vehicle Accidents—Number and Deaths: 1960 to 1984

[1984 data preliminary. See also *Historical Statistics, Colonial Times to 1970*, series Q 208 and Q 224-232]

ITEM	Unit	1960	1965	1970	1972 [1]	1975	1979	1980	1981	1982	1983	1984
Motor vehicle accidents [2]	Million	10.4	13.2	16.0	17.0	16.5	18.1	17.9	18.0	18.1	18.3	(NA)
Cars	Million	16.0	20.3	23.5	24.5	22.5	22.9	22.8	22.9	23.2	23.5	(NA)
Trucks	Million	2.0	2.6	3.2	3.5	3.8	5.4	5.5	5.6	5.8	5.8	(NA)
Motorcycles	1,000	100	235	305	343	372	480	560	540	550	530	(NA)
Motor vehicle deaths within 1 yr.[3]	1,000	38.1	49.2	54.6	56.3	45.9	53.5	53.2	51.4	45.8	44.4	45.8
Noncollision accidents [4]	1,000	11.9	14.9	15.4	15.8	12.7	14.8	14.7	14.2	12.6	12.3	12.3
Collision accidents:												
With other motor vehicles	1,000	14.8	20.8	23.2	23.9	19.5	23.1	23.0	22.2	19.8	19.2	20.4
With pedestrians	1,000	7.9	8.9	9.9	10.3	8.4	9.8	9.7	9.4	8.4	7.8	8.1
With fixed objects [4]	1,000	1.7	2.2	3.8	3.9	3.1	3.7	3.7	3.6	3.2	3.3	3.2
Deaths within 30 days [5]	1,000	36.4	47.1	52.6	54.6	44.5	51.1	51.1	49.3	43.9	42.6	44.2
Vehicle occupants	1,000	27.9	36.8	40.6	41.4	32.8	37.2	36.8	35.5	31.2	30.6	31.7
Pedestrians	1,000	7.2	8.0	9.0	9.2	7.5	8.1	8.1	7.8	7.3	6.8	7.0
Motorcyclists [6]	1,000	.8	1.7	2.3	3.0	3.2	4.9	5.1	4.9	4.5	4.3	4.6
Bicyclists	1,000	.5	.7	.8	1.0	1.0	.9	1.0	.9	.9	.8	.8
Traffic death rates: [5 7]												
Per 100,000 resident population	Rate	20.2	24.3	25.8	26.2	20.7	22.8	22.6	21.5	19.0	18.2	18.7
Per 100,000 registered vehicles	Rate	48.9	51.3	47.3	44.5	32.3	32.0	31.6	30.0	26.6	25.1	25.4
Per 100 million vehicle miles	Rate	5.1	5.3	4.7	4.3	3.4	3.3	3.3	3.2	2.8	2.6	2.6
Per 100,000 licensed drivers	Rate	41.7	47.8	47.2	46.1	34.3	35.7	35.2	34.1	29.2	27.6	28.1
Motor vehicle accidents [8]	Million	11.4	14.7	22.1	24.9	24.9	26.7	24.1	28.3	28.5	29.4	(NA)
Injuries [8]	1,000	3,078	3,982	4,983	5,190	4,978	5,681	5,230	5,019	4,490	4,665	(NA)
Economic loss [8 9]	Bil. dol.	10.2	14.2	23.5	28.7	36.1	56.4	57.1	58.7	60.2	62.7	(NA)

NA Not available. [1] Represents peak year for deaths from motor vehicle accidents. [2] Covers only accidents occurring on the road. [3] Deaths that occur within one year of accident. Includes collision categories not shown separately. [4] Beginning 1970, not comparable with previous years due to classification change. [5] Within 30 days of accident. Source: U.S. National Highway Traffic Safety Administration, unpublished data from Fatal Accident Reporting System. [6] Includes motor scooters and motorized bicycles (mopeds). [7] Based on 30-day definition of traffic deaths. [8] Source: Insurance Information Institute, New York, NY, *Insurance Facts*. Estimates based on official reports from a representative cross-section of States. Includes all motor vehicle accidents on and off the road and all injuries regardless of length of disability. [9] Wage loss; legal, medical, hospital, and funeral expenses; insurance administrative costs; and property damage.

Source: Except as noted, National Safety Council, Chicago, IL, *Accident Facts*, annual. (Copyright.)

No. 1047. Deaths From Motor Vehicle Accidents, by State: 1970 to 1982

[Data differ from table 1046 because data are based on date of death, not date of accident. Data reflect State where death occurred. Includes deaths of nonresidents of U.S. Deaths for 1979-80 classified according to the ninth revision of the *International Classification of Diseases*, for earlier years classified according to the revision in use at the time; see text, p. 53. Data based on

REGION, DIVISION, AND STATE	1970	1972 [1]	1975	1980	1981	1982	REGION, DIVISION, AND STATE	1970	1972 [1]	1975	1980	1981	1982
U.S	**54,845**	**56,528**	**46,032**	**53,476**	**51,669**	**46,020**	**S.A**	**9,796**	**10,600**	**8,358**	**9,767**	**9,689**	**8,487**
Region:							DE	158	130	129	164	116	131
Northeast	8,850	8,992	7,431	8,255	7,818	6,920	MD	809	852	686	822	812	679
Midwest	14,629	14,670	11,293	12,244	11,333	9,644	DC	140	100	91	79	81	71
South	20,792	21,964	18,029	21,014	21,217	19,412	VA	1,251	1,256	1,069	1,111	1,051	927
West	10,574	10,902	9,279	11,963	11,301	10,044	WV	561	578	499	583	486	485
N.E	**2,095**	**2,180**	**1,953**	**2,246**	**1,931**	**1,747**	NC	1,801	2,026	1,560	1,588	1,563	1,371
ME	288	252	235	264	221	185	SC	1,070	1,148	837	895	871	759
NH	182	172	155	192	154	182	GA	1,825	1,940	1,420	1,558	1,511	1,288
VT	116	126	124	131	103	106	FL	2,181	2,570	2,067	2,967	3,198	2,776
MA	918	1,042	895	933	814	711	**E.S.C**	**4,850**	**4,972**	**3,881**	**3,995**	**3,971**	**3,772**
RI	143	144	140	142	131	122	KY	1,081	1,114	885	865	865	857
CT	448	444	404	584	508	441	TN	1,525	1,526	1,280	1,280	1,230	1,172
M.A	**6,755**	**6,812**	**5,478**	**6,009**	**5,887**	**5,173**	AL	1,297	1,356	1,087	1,054	1,084	966
NY	3,117	3,140	2,277	2,717	2,623	2,206	MS	947	976	629	796	792	777
NJ	1,289	1,352	1,099	1,130	1,203	1,086	**W.S.C**	**6,146**	**6,392**	**5,790**	**7,252**	**7,557**	**7,153**
PA	2,349	2,320	2,102	2,162	2,061	1,881	AR	595	750	577	607	554	585
E.N.C	**9,623**	**9,514**	**7,361**	**8,000**	**7,423**	**6,485**	LA	1,194	1,136	993	1,261	1,270	1,118
OH	2,468	2,336	1,652	1,976	1,745	1,594	OK	787	792	748	1,006	1,049	1,115
IN	1,587	1,578	1,139	1,213	1,212	1,036	TX	3,570	3,714	3,472	4,378	4,684	4,335
IL	2,267	2,216	1,816	1,985	1,882	1,591	**Mt**	**3,549**	**3,764**	**3,206**	**4,071**	**3,922**	**3,488**
MI	2,172	2,236	1,811	1,817	1,635	1,451	MT	340	408	294	339	345	258
WI	1,109	1,148	943	1,009	949	813	ID	320	324	291	345	301	261
W.N.C	**5,006**	**5,156**	**3,932**	**4,244**	**3,910**	**3,159**	WY	210	196	210	246	276	214
MN	1,028	1,052	798	900	812	603	CO	697	746	621	783	800	706
IA	946	904	714	662	659	496	NM	568	588	556	617	501	608
MO	1,479	1,500	1,105	1,239	1,097	936	AZ	782	858	713	983	952	791
ND	194	206	183	184	190	176	UT	354	354	285	370	392	332
SD	240	312	216	238	186	165	NV	278	290	236	388	355	318
NE	435	504	385	406	383	266	**Pac**	**7,025**	**7,138**	**6,073**	**7,892**	**7,379**	**6,556**
KS	684	678	531	615	583	517	WA	902	836	804	1,048	936	808
							OR	739	774	582	698	675	549
							CA	5,114	5,300	4,414	5,860	5,498	4,948
							AK	107	64	120	91	102	95
							HI	163	164	153	195	168	156

[1] Represents peak year for deaths from motor vehicle accidents.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 1048. Fatal Motor-Vehicle Accidents—Number of Accidents, Occupants, and Fatalities, by Type of Vehicle: 1980 to 1983

[Based on data from the Fatal Accident Reporting System]

Type of vehicle	Accidents [1]				Occupants				Occupant fatalities			
	1980	1981	1982	1983	1980	1981	1982	1983	1980	1981	1982	1983
Total [2]	**45,284**	**44,000**	**39,092**	**37,976**	**103,424**	**102,792**	**93,148**	**90,990**	**41,927**	**40,424**	**35,646**	**34,843**
Passenger cars [3]	31,550	30,828	27,548	26,698	66,731	66,542	59,327	57,494	27,449	26,645	23,330	22,979
Mini-compact	3,263	3,635	3,559	3,753	5,530	6,282	6,198	6,431	2,966	3,279	3,194	3,278
Subcompact	4,875	5,266	4,649	4,884	8,322	8,999	8,161	8,535	4,158	4,432	3,881	4,000
Compact	1,118	1,363	1,565	1,936	1,920	2,251	2,667	3,363	927	1,052	1,210	1,499
Intermediate	5,224	5,698	5,305	5,352	9,271	10,326	9,837	9,773	3,878	4,107	3,919	3,985
Full size	7,026	6,653	5,691	5,361	12,548	11,925	10,259	9,630	4,831	4,245	3,651	3,489
Largest size	10,817	9,934	8,343	7,524	20,006	18,396	15,318	13,996	6,746	5,955	4,779	4,470
Unknown	5,134	4,596	3,863	3,264	9,134	8,363	6,887	5,766	3,943	3,575	2,696	2,258
Motorcycles	4,879	4,671	4,201	4,045	6,231	5,948	5,393	5,119	4,961	4,746	4,270	4,104
Moped, mini bike	180	157	177	156	215	192	229	200	183	160	183	161
Light trucks [2]	10,841	10,301	9,597	9,347	19,029	18,358	17,378	17,206	6,566	6,137	5,590	5,395
Pickup	8,796	8,356	7,842	7,698	14,855	14,306	13,536	13,513	5,463	5,097	4,677	4,579
Van	*2,009*	*1,961*	*1,722*	*1,615*	*3,779*	*3,759*	*3,414*	*3,300*	*1,000*	*958*	*814*	*712*
Medium trucks	1,076	871	666	672	1,428	1,190	908	937	285	235	154	172
Heavy trucks [2]	4,036	4,121	3,754	3,968	4,928	4,994	4,647	4,885	976	897	789	807
Single-unit [4]	377	333	283	323	453	386	356	407	89	57	52	60
Two-unit [5]	3,396	3,555	3,072	3,144	4,116	4,292	3,787	3,829	812	782	663	648
Multi-unit	148	150	129	168	173	183	155	195	41	34	25	36
Buses	329	340	288	305	992	1,014	967	1,102	46	56	35	53

[1] Each accident involving multiple types of vehicles is recorded in each category; therefore, the aggregate of all types will exceed the total number of accidents. [2] Includes other types and unknown, not shown separately. [3] Mini-compact wheel base less than 95 in.; subcompact, 95 in. to 99 in.; compact, 100 in. to 104 in.; intermediate, 105 in. to 109 in.; full size, 110–114 in.; and largest size greater than 115 in. [4] Gross vehicle weight greater than 26,000 lbs. [5] Tractor-trailer combination.

Source: U.S. National Highway Traffic Safety Administration, *Fatal Accident Reporting System*, annual.

No. 1049. Highway Mileage, Vehicle Miles of Travel, Accidents, and Fatalities, by Type of Highway System: 1975 to 1983

Type	Highway mileage (1,000)	Vehicle miles (bil.)	Daily vehicle miles per mile	Fatal accidents		Nonfatal injury accidents		Fatalities [2]	
				Number	Rate [1]	Number (1,000)	Rate [1]	Number	Rate [1]
1975, total	**3,838**	**1,330**	**1,059**	**39,993**	**3.01**	**1,861**	**140**	**39,993**	**3.01**
1980, total	**3,857**	**1,530**	**1,084**	**45,271**	**2.98**	**2,008**	**132**	**51,077**	**3.36**
1982, total	**3,866**	**1,592**	**1,128**	**38,999**	**2.45**	**1,966**	**124**	**43,846**	**2.75**
1983, total	**3,880**	**1,649**	**1,165**	**37,966**	**2.30**	**2,005**	**122**	**42,596**	**2.58**
Urban	662	949	3,924	16,886	1.78	1,393	147	18,303	1.93
Rural	3,217	700	597	21,080	3.01	612	87	24,293	3.47
Interstate	43	336	21,387	3,591	1.07	128	38	4,107	1.22
Urban	10	145	51,142	1,719	.90	92	63	1,929	1.01
Rural	33	191	12,094	1,872	1.29	37	19	2,178	1.50
Noninterstate	3,837	1,313	938	34,375	2.62	1,877	143	38,489	2.93
Urban	652	804	3,182	15,167	2.00	1,301	162	16,374	2.16
Rural	3,185	509	478	19,208	3.46	576	113	22,115	3.98
Federal-aid highway system, total	835	1,327	4,357	29,033	2.19	1,350	102	32,937	2.48
Urban	179	765	11,735	13,262	1.73	971	127	14,476	1.89
Rural	*656*	*563*	*2,350*	*15,771*	*2.80*	379	67	18,461	3.28
Interstate	43	336	21,387	3,591	1.07	128	38	4,107	1.22
Other primary arterial	257	483	5,151	12,220	2.53	450	93	14,253	2.95
Urban	31	213	18,814	3,580	1.68	253	119	3,987	1.87
Rural	226	270	3,271	8,640	3.20	196	73	10,266	3.81
Urban (arterial and collector)	137	360	7,189	7,963	2.21	626	174	8,560	2.38
Secondary (collector)	397	148	1,022	5,259	3.55	146	99	6,017	4.06
Non-Federal-aid highway system, total	3,045	322	290	8,933	2.78	656	204	9,659	3.00
Urban	484	184	1,042	3,624	1.97	422	229	3,827	2.08
Rural	2,561	138	147	5,309	3.85	234	169	5,832	4.23
Collector	356	71	550	2,199	3.07	97	136	2,416	3.38
Urban	19	19	2,730	332	1.73	22	116	355	1.85
Rural	337	52	426	1,867	3.57	75	143	2,061	3.94
Local	2,677	222	227	6,052	2.73	532	239	6,516	2.93
Urban	456	140	842	2679	1.91	376	268	2,832	2.02
Rural	2,221	82	101	3,373	4.12	156	191	3,684	4.50

[1] Rate per 100 million vehicle miles. [2] Represents fatalities occurring within 30 days of accident. Excludes nontraffic accidents which, for example, occur outside the rights-of-way or other boundaries of roads that are open for public use.

Source: U.S. Federal Highway Administration, *Fatal and Injury Accident Rates on Public Roads in the United States*, December 1983.

No. 1050. Licensed Drivers, 1984, and Fatal Motor-Vehicle Accidents, and Alcohol Involvement, 1983, by Age of Driver

Item	Unit	Total	Age of driver							
			16–17 years	18–21 years	22–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65 years and over
Licensed drivers,[1] 1984	1,000	157,305	4,372	14,826	12,505	39,316	28,128	20,954	19,498	17,577
Percent distribution	Percent	100.0	2.8	9.4	7.9	25.0	17.9	13.3	12.4	11.2
Licensed drivers involved in fatal accidents, 1983	1,000	56	3	10	7	15	8	5	4	4
Percent distribution	Percent	100	5	18	13	27	14	9	7	7
Drinking drivers fatal accidents,[2] 1983	Number	21,000	850	4,670	3,330	7,140	2,200	1,590	830	470
Percent distribution	Percent	100	4	22	16	34	10	8	4	2

[1] Source: U.S. Federal Highway Administration, *Selected Highway Statistics and Charts*, annual. [2] Estimate based on 15 "good" reporting States in the *Fatal Accident Reporting System*.

Source: Except as noted, U.S. National Highway Traffic Safety Administration, unpublished data from the *Fatal Accident Reporting System*.

No. 1051. Motor Vehicle Travel, by Type of Vehicle, and Speed: 1970 to 1983

[**Travel in billions of vehicle-miles, except as indicated.** Travel estimates based on automatic traffic recorder data. Speed trend data for 1970–1975 were collected by several State highway agencies, normally during summer months; beginning Oct. 1975 all States have monitored speeds at locations on several highway systems as part of 55 mile per hour Speed Limit Monitoring Program. See also *Historical Statistics, Colonial Times to 1970*, series Q 199–207]

Year	Vehicle-miles of travel (bil.)				Avg. miles per vehicle (1,000)			Motor vehicle speed [2]				
	Total	Cars [1]	Buses	Trucks	Passenger vehicles		Trucks	Vehicles recorded (1,000)	Avg. speed (miles per hour)	Percent of vehicles exceeding—		
					Cars [1]	Buses				55 m.p.h	60 m.p.h.	65 m.p.h.
1970	1,121	901	5.0	215	9.8	13.3	11.5	200	63.8	87	69	44
1971	1,186	954	5.1	227	9.9	12.8	11.5	178	64.7	88	70	47
1972	1,268	1,004	5.1	260	10.0	12.6	12.2	160	64.9	89	71	49
1973	1,309	1,037	5.0	267	9.8	11.7	11.5	181	65.0	89	72	50
1974	1,286	1,013	5.1	268	9.2	11.3	10.9	203	57.6	65	29	9
1975	1,330	1,051	5.1	275	9.4	11.1	10.6	102	57.6	68	27	7
1976	1,412	1,098	5.8	308	9.5	12.0	11.1	515	58.2	69	32	10
1977	1,477	1,141	5.9	330	9.6	12.0	11.1	500	58.8	74	35	10
1978	1,548	1,194	6.1	348	9.8	12.1	11.0	468	58.8	74	36	10
1979	1,529	1,163	6.1	360	9.3	11.7	10.8	506	58.3	72	32	9
1980	1,521	1,130	6.4	385	8.9	12.1	11.4	667	57.5	66	25	7
1981	1,556	1,125	6.5	425	8.7	12.0	12.3	3,048	57.9	68	30	9
1982	1,592	1,192	6.6	394	9.2	11.8	11.2	4,895	59.0	73	40	14
1983	1,649	1,234	6.7	409	9.3	11.5	11.2	7,856	59.1	74	41	15

[1] Includes taxicabs and motorcycles. [2] For 1970–1979, based on free flow speed of vehicles recorded on level, straight sections of rural interstate highways during off-peak hours; beginning 1980, based on all vehicles on rural interstate highways. Beginning 1976, for year ending Sept. 30.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual; and unpublished data.

No. 1052. Domestic Motor Fuel Consumption, by Type of Vehicle: 1970 to 1983

[Comprises all fuels (gas, diesel, or other fuels) used for propulsion of vehicles under State motor fuels laws. Excludes Federal purchases for military use. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series Q 156–162]

Year	Fuel consumption					Average fuel consumption per vehicle (gal.)				Average mileage per gallon			
	All vehicles (bil. gal.)	Avg. annual percent change [1]	Cars [2] (bil. gal.)	Buses [3] (bil. gal.)	Trucks [4] (bil. gal.)	All vehicles	Cars [2]	Buses [3]	Trucks [4]	All vehicles	Cars [2]	Buses [3]	Trucks [4]
1970	92.3	5.4	65.8	.9	25.6	830	722	2,491	1,365	12.14	13.58	5.34	6.39
1971	97.6	5.7	69.5	.9	27.1	838	723	2,382	1,368	12.16	13.73	5.38	6.38
1972	105.1	6.7	73.5	.9	30.7	859	730	2,165	1,446	12.07	13.67	5.80	6.59
1973	110.5	5.2	78.0	.8	31.6	851	736	1,991	1,361	11.85	13.29	5.86	6.45
1974	106.3	–3.8	74.2	.9	31.2	788	676	1,919	1,268	12.09	13.65	5.90	6.57
1975	109.0	2.5	76.5	.9	31.6	790	685	1,937	1,227	12.20	13.74	5.75	6.68
1976	115.7	6.2	78.8	1.0	35.9	807	685	2,015	1,292	12.20	13.93	5.98	6.58
1977	119.6	3.4	80.7	1.0	38.0	804	680	2,002	1,284	12.34	14.15	5.98	6.68
1978	125.1	4.6	83.8	1.0	40.3	813	688	2,041	1,270	12.38	14.26	5.95	6.64
1979	122.1	–2.4	80.2	1.0	40.9	765	638	1,966	1,225	12.52	14.49	5.97	6.82
1980	115.0	–5.8	73.7	1.1	40.1	711	579	2,034	1,194	13.23	15.32	5.95	6.58
1981	114.5	–.4	71.7	1.1	41.6	697	555	2,019	1,209	13.60	15.68	5.92	10.21
1982	113.4	–.9	72.8	1.1	39.4	686	563	2,003	1,122	14.05	16.25	5.93	10.00
1983	115.4	1.8	73.4	1.1	40.9	681	555	1,946	1,118	14.29	16.70	5.92	10.00

[1] From prior year shown. For 1970, change from 1965. [2] Includes taxicabs and motorcycles. [3] Includes school buses. [4] Includes combinations.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1053. Travel by U.S. Residents by Selected Trip Characteristic: 1979 to 1984

[In millions. Represents trips to places 100 miles or more away from home]

Characteristic	Trips						Person-trips					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Total	**556.7**	**500.6**	**587.2**	**537.3**	**540.9**	**528.2**	**1,197.7**	**1,045.5**	**1,152.0**	**1,069.3**	**1,057.8**	**1,012.0**
Purpose:												
Visit friends and relatives	201.7	166.0	201.3	191.3	181.9	180.3	459.6	377.9	421.0	409.8	384.6	384.5
Other pleasure	178.9	176.8	187.4	180.4	189.6	170.4	423.0	386.3	412.3	377.7	401.4	349.7
Business or convention	112.0	97.1	113.6	101.9	103.6	114.5	166.0	149.5	157.3	152.4	146.4	156.1
Other	64.1	60.7	84.9	63.7	65.8	63.0	149.1	131.8	161.4	129.4	125.4	121.7
Mode of transport:												
Auto, truck, recreation vehicle	412.1	371.4	456.2	415.7	396.1	380.9	962.2	836.5	957.4	881.5	839.8	794.0
Airplane	104.9	104.9	99.9	94.6	116.2	118.8	169.6	152.4	144.0	144.9	174.2	174.5
Other	39.7	26.8	31.1	27.0	28.6	28.5	65.9	56.6	50.6	42.9	43.8	43.5
Vacation trip	305.4	289.7	340.2	314.6	307.8	333.3	719.8	646.9	737.9	660.2	642.3	689.6
Weekend trip	285.4	225.0	259.0	238.4	225.5	211.4	668.7	502.8	545.7	505.3	485.0	434.9

Source: U.S. Travel Data Center, Washington, DC, *1984 National Travel Survey.* (Copyright.)

No. 1054. Business Receipts and Employment of Selected Travel Industry Sectors: 1973 to 1984

Year	Business receipts (mil. dol.)							Employment (1,000)					
	Travel industry, total	Transportation			Motel, hotel	Eating and drinking places	Amusement and recreation services	Travel industry, total	Transportation		Eating and drinking places	Hotels, motels, and tourist courts	Amusement and recreation services
		Air [1]	Bus	Rail [2]					Intercity highway passengers	Air			
1973	75,018	8,518	1,023	(NA)	10,955	40,402	14,120	4,812.2	41.3	365.7	3,053.8	807.7	543.7
1974	84,357	9,903	1,152	177	11,757	44,673	16,695	5,018.4	42.4	367.8	3,231.2	823.5	553.5
1975	93,803	10,301	1,172	214	13,002	51,067	18,047	5,228.5	39.9	362.8	3,379.5	849.5	596.8
1976	106,659	12,104	1,232	235	15,129	57,211	20,748	5,591.6	39.6	373.8	3,656.2	885.2	636.8
1977	117,856	13,773	1,331	260	16,413	63,276	22,803	5,951.0	37.4	386.3	3,948.6	913.0	665.7
1978	132,543	15,753	1,420	259	20,070	71,817	23,224	6,375.2	36.1	407.9	4,277.2	945.6	708.4
1979	153,889	18,931	1,664	325	25,229	81,990	25,750	6,719.9	36.7	438.2	4,513.1	1,019.9	712.0
1980	170,718	23,317	1,943	375	26,832	89,924	28,327	6,918.3	37.9	453.4	4,625.8	1,037.7	763.5
1981	189,246	25,504	2,069	428	31,572	97,969	31,704	7,102.2	38.1	454.6	4,749.5	1,076.4	783.6
1982	204,297	25,442	2,103	427	32,749	104,427	39,149	7,205.6	38.8	443.6	4,831.2	1,092.8	799.2
1983	223,431	27,779	2,211	461	35,897	114,684	42,399	7,481.3	35.5	455.2	5,041.8	1,131.1	817.7
1984	242,279	31,677	2,280	516	38,917	124,109	44,760	7,960.3	37.4	493.0	5,403.3	1,225.5	801.1

NA Not available. [1] U.S. certificated carriers in domestic service. [2] Covers fiscal years October 1 through September 30.

Source: U.S. Travel Data Center, Washington, DC, *The 1983-84 Economic Review of Travel in America.* (Copyright.)

No. 1055. Domestic Travel Expenditures by State: 1983

[Represents U.S. spending on domestic overnight trips and day trips of 100 miles or more away from home. Excludes spending by foreign visitors and by U.S. residents in U.S. territories and aboard]

State	Total (mil. dol.)	Rank	Percent change, 1982-1983	State	Total (mil. dol.)	Rank	Percent change, 1982-1983	State	Total (mil. dol.)	Rank	Percent change, 1982-1983
U.S. total	**195,884**	**(x)**	**5.9**	KS	1,565	33	1.8	ND	642	46	1.6
AL	1,337	37	1.3	LA	3,166	20	−2.5	OH	5,766	8	6.0
AK	810	45	−1.3	ME	1,414	35	14.0	OK	2,573	25	−3.5
AZ	3,123	21	12.8	MD	3,450	19	11.8	OR	2,178	28	4.8
AR	1,656	31	7.8	MA	4,725	12	8.0	PA	7,399	6	4.8
CA	25,943	1	5.5	MI	5,391	10	5.1	RI	340	51	−4.2
CO	4,081	16	1.7	MN	4,498	13	13.4	SC	2,579	24	4.5
CT	2,158	29	1.4	MS	1,102	40	2.9	SD	469	50	1.5
DE	476	49	2.1	MO	4,342	15	4.6	TN	2,938	22	−7.2
DC	1,060	42	9.2	MT	623	47	2.3	TX	13,531	4	−1.3
FL	16,615	2	13.8	NE	1,070	41	2.3	UT	1,413	36	14.7
GA	4,779	11	5.4	NV	5,944	7	7.8	VT	963	43	3.9
HI	2,403	26	5.1	NH	1,130	39	9.1	VA	3,639	17	8.2
ID	892	44	11.5	NJ	8,361	5	17.2	WA	2,692	23	5.6
IL	5,690	9	4.5	NM	1,471	34	10.8	WV	1,153	38	3.5
IN	2,369	27	3.1	NY	13,611	3	5.6	WI	3,597	18	3.5
IA	1,594	32	-	NC	4,435	14	9.6	WY	613	48	−12.3
KY	2,113	30	3.5								

- Represents zero. X Not applicable.

Source: U.S. Travel Data Center, Washington, DC, *Impact of Travel on State Economies, 1983.* (Copyright.)

No. 1056. Volume and Characteristics of Travel: 1983

[Covers only travel day trips regardless of trip length. VMT=Vehicle-miles of travel; PMT=Person-miles of travel]

Characteristic	Household			Person		Percent distribution			
						Household		Persons	
	Number of trips (mil.)	VMT (bil.)	Average trip length (miles)	Number of trips (mil.)	PMT (bil.)	Number of trips	VMT	Number of trips	PMT
Total	**126,874**	**1,002,139**	**7.9**	**224,385**	**1,946,662**	**100.0**	**100.0**	**100.0**	**100.0**
Purpose:									
Trip to work	35,375	302,185	8.5	45,826	391,544	27.9	30.3	20.4	20.2
Work-related business	3,696	42,223	11.4	15,283	115,605	2.9	4.2	2.4	5.9
Shopping	25,363	133,823	5.2	40,655	219,112	20.0	13.3	18.1	11.2
Other family or personal business	23,245	155,131	6.7	36,158	256,929	18.3	15.5	16.1	13.2
School/church	7,444	40,990	5.5	26,486	129,953	5.9	4.1	11.8	6.7
Visit friends or relatives	12,543	135,801	10.8	24,743	283,520	9.9	13.6	11.0	14.6
Other social or recreational	15,416	133,417	8.7	35,457	302,145	12.2	13.3	15.8	15.5
Vacation	187	21,317	114.0	630	155,551	.1	2.1	.3	8.0
Other	3,605	37,252	7.2	9,147	92,303	2.8	3.6	4.1	4.7
Means of transportation:									
Automobiles	95,497	742,301	9.8	139,387	1,181,626	75.3	74.2	62.1	60.8
Station wagons	10,920	81,471	7.5	16,194	139,253	8.6	8.1	7.2	7.2
Passenger van	2,803	21,401	7.6	4,746	51,269	2.2	2.1	2.1	2.6
Pickup truck [1]	13,851	122,504	8.8	18,372	176,926	10.9	12.2	8.2	9.1
Other	[2] 3,803	[2] 34,462	9.0	[3] 45,686	[3] 397,588	[2] 3.0	[2] 3.4	[3] 20.4	[3] 20.4

[1] Excludes pickup with camper and other trucks. [2] Includes other vans, pickups with campers, other trucks, motorized campers, motorcycles, motorized bicycles and other privately owned vehicles not listed elsewhere. [3] Includes other vans, motorized campers, motorcycles, trains, streetcars, elevated rail, airplane, commercial taxis, buses, school buses, bicycles, walking and other forms of transportation not included elsewhere.

No. 1057. Frequency of Seat Belt and Motorcycle Helmet Usage, by Sex: 1983

[Covers persons 5 years old and over]

Sex	Number (1,000)					Percent				
		Wearing					Wearing			
	Total [1]	Always	Most of the time	Sometimes	Never	Total [1]	Always	Most of the time	Sometimes	Never
SEAT BELTS										
All persons	**184,139**	**31,656**	**17,800**	**48,184**	**85,876**	**100.0**	**17.2**	**9.7**	**26.2**	**46.6**
Male	90,160	15,388	8,508	23,003	42,966	100.0	17.1	9.4	25.5	47.7
Female	93,979	16,268	9,292	25,181	42,910	100.0	17.3	9.9	26.8	45.7
HELMETS										
All persons	**2,952**	**1,929**	**281**	**256**	**459**	**100.0**	**65.3**	**9.5**	**8.7**	**15.6**
Male	2,119	1,367	257	219	249	100.0	64.5	12.1	10.3	11.8
Female	833	562	24	37	210	100.0	67.5	2.9	4.4	25.2

[1] Includes "unknown" not shown separately.

Source of tables 1056 and 1057: U.S. Federal Highway Administration, unpublished data based on the Nationwide Personal Transportation Survey.

No. 1058. Household Motor Vehicles, Miles Driven, and Expenditures, by Household Characteristic: 1983

[Excludes Alaska and Hawaii. Household vehicles include all motorized-vehicles used for personal transportation, excluding motorcycles, mopeds, large trucks, and buses. Based on the Residential Transportation Energy Consumption Survey; subject to sampling variability]

Household characteristic	Households with motor vehicles (mil.)	Vehicles		Miles driven		Motor fuel expenditures	
		Number (mil.)	Number per household	Total (bil.)	Number per household	Total (bil. dol.)	Average per household
Total	**72.2**	**129.3**	**1.8**	**1,215**	**16,830**	**95.1**	**$1,317**
Northeast	13.9	23.9	1.7	227	16,324	17.5	1,254
Midwest	18.3	32.5	1.8	298	16,299	24.0	1,314
South	24.7	45.1	1.8	436	17,689	34.2	1,385
West	15.3	27.7	1.8	254	16,541	19.5	1,269
Family income:							
Less than $5,000	3.2	4.1	1.3	33	10,280	2.7	852
$5,000–$9,999	9.8	14.4	1.5	118	11,975	10.0	1,020
$10,000–$14,999	10.5	16.1	1.5	144	13,682	11.6	1,104
$15,000–$19,999	9.7	16.4	1.7	147	15,226	12.4	1,277
$20,000–$24,999	8.7	15.4	1.8	144	16,645	11.2	1,287
$25,000–$34,999	14.7	28.3	1.9	282	19,252	21.4	1,461
$35,000 or more	15.6	34.6	2.2	347	22,167	25.8	1,650

Source: U.S. Energy Information Administration, *Residential Transportation Energy Consumption Survey, Consumption Patterns of Household Vehicles*, 1983.

No. 1059. Household Motor Vehicle Transportation, by Vehicle Model Year: 1983

[Household vehicles include all motorized vehicles used for personal transportation, excluding motorcycles, mopeds, large trucks, and buses. Based on the Residential Transportation Energy Consumption Survey; subject to sampling variability]

Household characteristics	Vehicles (millions)				Miles per gallon			
	Total	Model year			Average	Model year		
		1973 and earlier	1974 to 1978	1979 and later		1973 and earlier	1974 to 1978	1979 and later
Total	**129.3**	**35.2**	**48.4**	**44.8**	**15.1**	**12.7**	**13.7**	**18.6**
Northeast	23.9	5.3	9.1	9.3	15.6	12.9	13.7	19.1
Midwest	32.5	7.8	13.1	11.6	14.8	12.1	13.3	18.4
South	45.1	12.1	17.1	15.5	15.0	12.7	13.7	18.2
West	27.7	10.0	9.1	8.5	15.4	12.9	14.5	19.0
In metropolitan areas	96.3	25.7	35.9	34.2	15.3	12.5	13.9	18.7
Outside metropolitan areas	32.9	9.5	12.5	10.6	14.8	13.1	13.1	18.2
Family income:								
Less than $5,000	4.1	2.0	1.3	.8	14.2	12.1	14.7	18.6
$5,000–$9,999	14.4	5.5	5.6	3.1	13.9	12.2	13.5	17.4
$10,000–$14,999	16.1	5.5	6.2	4.3	14.7	12.6	13.8	18.9
$15,000–$19,999	16.4	5.1	6.8	4.4	14.0	11.9	13.0	18.4
$20,000–$24,999	15.4	4.0	5.7	5.7	15.3	13.1	13.7	18.5
$25,000–$34,999	28.3	6.6	10.9	10.7	15.6	13.1	13.8	18.6
$35,000 or more	34.6	6.5	12.0	15.9	16.1	13.2	14.0	18.7

Source: U.S. Energy Information Administration, *Residential Transportation Energy Consumption Survey, Consumption Patterns of Household Vehicles,* 1983.

No. 1060. Domestic Motor Gasoline Supply: 1973 to 1985

[**In 1,000 barrels per day, except as noted**]

Year	Supply [1]			Production	Net imports	Stocks [2] (mil. bbls.)	Year and month	Supply [1]			Production	Net imports	Stocks [2] (mil. bbls.)
	Total	Unleaded						Total	Unleaded				
		Total	Percent						Total	Percent			
1973, avg	6,674	(NA)	(NA)	6,535	130	209							
1974, avg	6,537	(NA)	(NA)	6,360	202	218	**1984:**						
1975, avg	6,675	(NA)	(NA)	6,520	182	235	March	6,528	3,750	57.4	6,359	346	243
1976, avg	6,978	1,508	21.6	6,841	128	231	June	7,107	4,214	59.3	6,619	192	246
1977, avg	7,177	1,976	27.5	7,033	215	258	Sept	6,588	3,973	60.3	6,516	347	234
1978, avg	7,412	2,521	34.0	7,169	189	238	Dec	6,555	4,168	63.6	6,475	292	243
1979, avg	7,034	2,798	39.8	6,852	181	237							
1980, avg	6,579	3,067	46.6	6,506	139	261	**1985:**						
1981, avg	6,588	3,264	49.5	6,405	155	253	March [3]	6,629	4,189	63.2	6,041	470	220
1982, avg	6,539	3,409	52.1	6,338	177	235	June [3]	6,975	4,456	63.9	6,766	384	220
1983, avg	6,622	3,647	55.1	6,340	237	222							
1984, avg	6,693	3,987	59.6	6,453	293	243							

NA Not available. [1] Production plus net imports less net increase in primary stocks. [2] End of year or month. [3] Preliminary.

Source: U.S. Energy Information Administration, *Monthly Energy Review,* June 1985, and earlier issues.

No. 1061. Gasoline Retail Prices—Selected Countries: 1973 to 1983

[**In U.S. dollars per U.S. gallon.** As of **July,** except as indicated. Price includes tax except as noted. For most countries, based on exchange rates in effect as of **July 31** of year shown]

Country and type	1973	1975	1980	1982	1983	Country and type	1973	1975	1980	1982	1983
United States: [1]						Germany, F.R., Bonn:					
Regular unleaded	(NA)	(NA)	1.25	1.30	1.24	Regular	1.18	1.25	2.46	2.04	1.89
Regular, leaded	.40	.57	1.19	1.22	1.16	Tax [4]	.72	.65	1.23	.82	.75
Premium, leaded [2]	.45	.61	1.28	1.38	1.37	Premium	1.31	1.34	2.57	2.15	2.00
Tax [3]	.11	.12	.14	.14	.19	Canada, Ottawa:					
France, Paris:						*Regular*	.49	.66	.81	1.29	1.42
Regular	1.06	1.56	2.97	2.24	2.25	Tax	.19	.23	.25	.32	.36
Tax	.82	.94	1.70	1.22	1.19	Premium	.53	.67	.89	1.40	1.54
Premium	1.15	1.69	3.17	2.41	2.39	Mexico, Mexico City:					
Italy, Rome:						Regular	.24	.64	[5] .45	.48	.61
Regular	.99	1.66	3.08	2.65	2.81	Tax	(NA)	.31	[5] .15	.33	.36
Tax	.79	1.15	1.89	1.60	1.84	Premium	.36	.91	[5] 1.13	.80	.89
Premium	1.05	1.71	3.15	2.79	2.93	Japan, Tokyo:					
United Kingdom:						Regular	.83	1.36	2.72	2.46	2.44
Regular	.78	1.27	2.60	(NA)	(NA)	Tax [4]	.42	.45	.93	.80	.85
Tax [4]	.48	.41	1.24	(NA)	(NA)	Premium	.98	1.63	2.89	2.61	2.60
Premium	.81	1.31	2.65	(NA)	2.31						

NA Not available. [1] 1973 prices for regular and premium in Washington, DC; all other data are national averages. Source: 1973—Energy Information Administration, *International Energy Annual;* thereafter, *Monthly Energy Review.* [2] Beginning 1982, prices are for unleaded premium. [3] Source: PennWell Publishing Co., Tulsa, OK, *Oil and Gas Journal,* weekly. [4] Excludes import duty and value-added tax, if any. [5] January 1981.

Source: Except as noted, U.S. Energy Information Administration; Regular—*International Petroleum Annual;* Premium—*International Energy Annual.*

No. 1062. 12-Year Cost of Owning and Operating an Automobile, by Size of Car: 1984

[For basis of estimates for components of cost, see footnotes, table 1060. Estimates based on vehicle operated in Baltimore, MD area with an assumed life-span of 12 years, 120,000 miles]

ITEM	Total [1]	Taxes and fees	Costs, excl. taxes [1]	Depreciation	Repairs, maintenance	Tires	Gasoline	Insurance	Parking
Total costs ($1,000):									
Large [2]	36.8	2.6	34.2	11.6	6.2	.8	8.2	5.9	1.1
Intermediate [3]	33.4	2.2	31.2	10.3	5.4	.6	6.6	6.7	1.1
Compact [4]	28.0	1.9	26.1	8.8	4.7	.5	5.3	5.2	1.1
Subcompact [5]	27.3	1.8	25.5	7.0	5.4	.5	5.1	5.9	1.1
Passenger van [6]	47.1	3.3	43.8	12.8	7.0	.9	10.7	10.6	1.1
Cents per mile cost:									
Large [2]	30.6	2.2	28.4	9.6	5.1	.7	6.8	4.9	.9
Intermediate [3]	27.8	1.8	26.0	8.6	4.5	.5	5.5	5.6	.9
Compact [4]	23.3	1.6	21.7	7.3	3.9	.4	4.5	4.3	.9
Subcompact [5]	22.7	1.4	21.3	5.9	4.5	.4	4.3	4.9	.8
Passenger van [6]	39.2	2.7	36.5	10.7	5.8	.8	8.9	8.9	.9

[1] Includes accessories and oil. [2] Fully equipped 4-door sedan, price $11,554. [3] 2-door coupe, price $10,320. [4] 4-door sedan, price $8,799. [5] 5-door (hatchback), price $7,024. [6] Passenger van, price $12,788.

Source: U.S. Federal Highway Administration, *Cost of Owning and Operating Automobiles and Vans*, periodic.

No. 1063. Estimated Cost of Owning and Operating an Automobile: 1970 to 1984

[1984 estimates based on an automobile operated from the Baltimore, MD area, costing $11,554, large car, and $8,799, compact car, with an assumed life-span of 12 years, 120,000 miles. Prior years based on life-span of 10 years, 100,000 miles. Similar specifications used in other years shown]

ITEM	TOTAL COST ($1,000)				CENTS PER MILE COST, 1984 (January)						
	1970	1976	1981	1984	12-year average	1st year (14,500 miles)	3d year (12,500 miles)	5th year (10,300 miles)	7th year (9,200 miles)	10th year (7,800 miles)	12th year (6,700 miles)
LARGE SIZE 4-DOOR SEDAN											
Total	**11.9**	**17.9**	**32.0**	**36.8**	**30.62**	**38.46**	**31.23**	**38.96**	**36.26**	**21.90**	**19.69**
Costs excluding taxes	10.5	16.3	30.2	34.2	28.48	33.01	29.60	37.34	34.37	20.25	18.04
Depreciation	3.2	4.9	9.2	11.6	9.63	19.86	12.36	9.28	7.69	3.97	2.24
Repairs and maintenance [1]	1.5	3.7	6.2	6.2	5.15	.69	3.92	12.87	13.32	2.10	.87
Replacement tires [2]	.4	.4	.9	.8	.67	.13	.22	.94	.94	.94	.94
Accessories [3]	(Z)	.1	.2	.2	.17	.10	.10	.11	.23	.24	.24
Gasoline [4]	1.7	3.2	8.6	8.2	6.85	6.85	6.85	6.85	6.85	6.85	6.85
Oil [4]	.2	.2	.2	.2	.13	.06	.13	.19	.12	.16	.08
Insurance [5]	1.7	1.7	4.0	5.9	4.94	4.38	5.08	6.16	4.28	5.05	5.68
Garaging, parking, etc. [6]	1.8	2.2	.9	1.1	.94	.94	.94	.94	.94	.94	.94
Taxes and fees [7]	1.4	1.6	1.8	2.6	2.14	5.45	1.63	1.62	1.91	1.65	1.65
COMPACT CAR											
Total	**(NA)**	**14.6**	**25.7**	**28.0**	**23.31**	**24.74**	**21.69**	**24.92**	**33.90**	**19.86**	**20.55**
Costs excluding taxes	(NA)	13.5	24.3	26.1	21.73	20.70	20.57	23.63	32.40	18.71	19.37
Depreciation	(NA)	3.8	7.1	8.8	7.33	11.00	8.04	6.89	5.96	6.32	6.87
Repairs and maintenance [1]	(NA)	3.0	5.2	4.7	3.92	.31	2.48	5.44	16.26	1.19	.62
Replacement tires [2]	(NA)	.4	.6	.5	.43	.09	.08	.55	.54	.82	.82
Accessories [3]	(NA)	.1	.2	.2	.19	.12	.12	.13	.25	.26	.26
Gasoline [4]	(NA)	2.3	6.1	5.4	4.48	4.48	4.48	4.48	4.48	4.48	4.48
Oil [4]	(NA)	.2	.2	.2	.13	.06	.13	.19	.11	.15	.08
Insurance [5]	(NA)	1.6	4.0	5.2	4.31	3.70	4.30	5.21	3.86	4.55	5.30
Garaging, parking, etc. [6]	(NA)	2.1	.9	1.1	.94	.94	.94	.94	.94	.94	.94
Taxes and fees [7]	(NA)	1.1	1.4	1.9	1.58	4.04	1.12	1.29	1.50	1.15	1.18

NA Not available. Z Less than $50. [1] For 1984, includes lubrications, repacking wheel bearings, flushing cooling system, aiming headlamps; replacement of minor parts such as spark plugs, fan belts, radiator hoses, fuel filter, and pollution control equipment; minor repairs such as brake work, water pump, carburetor overhaul, and universal joints; and major repairs such as transmission work and carburetor replacement. [2] For 1984, covers 8 new regular tires and 2 new snow tires during life of car. [3] For 1984, includes a set of vinyl floor mats, seat covers, and a pair of extra wheels. [4] For 1984, gasoline use set at 17 miles per gallon for large size sedan and 26 miles per gallon for compact car; associated oil use at 1 quart oil every 2,500 miles driven between 50,000 and 75,000 miles and 1 quart every 2,000 miles driven between 75,000 and 120,000 miles. [5] For 1984, includes $20,000/$40,000 bodily injury, and $10,000 property damage, $2,500 personal injury protection, uninsured motorist coverage, and full comprehensive coverage for the 12-year period; $100 deductible collision insurance was assumed for the first 5 years. [6] For 1984, includes parking fee average of $85.20 per year and toll average of $8.85 per year. Beginning 1981, excludes cost of home garage or parking facility which was included in prior years. [7] For 1984, Federal tax on gasoline of 9 cents per gallon; plus the Maryland tax on gasoline of 13.5 cents per gallon, titling tax of 5 percent of retail price, and registration fee of $20.00 for 3,700 lb. or less shipping weight, or $30.00 for vehicles over 3,700 lb. State sales tax of 5 percent included on certain items.

Source: U.S. Federal Highway Administration, *Cost of Owning and Operating Automobiles and Vans*, periodic.

No. 1064. Trucks—Percent Distribution, by Vehicle and Operational Characteristics: 1967 to 1982

[See headnote, table 1065]

CHARACTERISTIC	1967	1972	1977	1982	CHARACTERISTIC	1967	1972	1977	1982
Total	100.0	100.0	100.0	100.0	Vehicle acquisition:				
Major use:					Purchased new	50.3	50.5	47.6	45.7
Agriculture [1]	25.1	22.6	17.0	12.2	Purchased used	47.9	47.8	50.0	51.5
Construction	9.3	8.6	6.7	11.2	Leased [5]	1.8	1.9	2.4	2.8
Manufacturing	2.4	2.3	1.4	1.7	Fleet size: 1	53.3	61.9	71.6	77.8
Wholesale and retail trade	12.2	9.5	7.6	6.8	2 to 5	19.2	22.0	16.3	10.9
Personal transportation	33.6	41.2	54.4	56.7	6 to 19	8.7	8.8	6.6	5.3
All other	17.4	16.2	13.0	11.4	20 or more	7.5	7.6	5.5	6.0
Body type:					Truck-type:				
Pickup, panel, multi-stop, or walk-in	70.3	73.3	84.5	86.4	Single-unit	[6] 83.4	95.4	96.8	95.7
Platform [2]	14.2	12.7	6.8	5.1	Combination	[6] 16.6	4.7	3.2	4.3
Van [3]	5.5	5.9	3.4	3.2	Annual miles: [7]				
All other	10.0	9.1	5.5	5.3	Less than 5,000	[8] 36.2	23.4	23.9	26.0
Vehicle size: [4] Light	73.6	74.0	85.4	89.3	5,000 to 9,999	[8] 19.8	28.1	24.0	25.5
Medium	13.6	14.3	6.0	3.5	10,000 to 19,999	30.7	33.5	37.0	35.0
Light-heavy	5.2	4.2	3.1	2.4	20,000 to 29,999	6.9	8.4	9.2	8.4
Heavy-heavy	7.6	7.6	5.5	4.8	30,000 miles or more	6.4	6.8	5.9	5.0
Year model:					Range of operation: [6]				
1 to 2 years old	16.5	14.8	17.1	8.9	Local	79.0	81.3	84.8	76.6
3 to 4 years old	18.7	18.9	17.5	16.5	Short-range [9]	13.2	8.7	8.4	10.3
4 years or more	64.8	66.6	65.4	74.6	Long-range [10]	4.9	2.4	2.1	3.1
					Off-the-road [5]	2.9	7.6	4.7	10.0
					Fuel type: [6]				
					Gasoline	86.2	87.9	96.0	94.3
					Diesel and LPG	10.9	4.4	3.9	5.5
					Not reported	2.9	7.9	–	.2

– Represents zero. [1] Includes forestry and lumbering. [2] Includes cattlerack. [3] See footnote 3, table 1065. [4] See footnote 4, table 1065. [5] Includes not reported. [6] Excludes panels and pickups. [7] Annual miles were imputed, if not reported. [8] Survey data were presented for "Less than 6,000 miles" and "6,000 to 9,999 miles." [9] Less than 201 miles. [10] 201 miles or more.

No. 1065. Trucks and Truck-Miles, by Vehicle and Operational Characteristics: 1982

[Data are based on a stratified probability sample of trucks drawn from current registrations on file with motor vehicle departments in the 50 States and DC]

ITEM	TRUCKS (1,000)		TRUCK-MILES (bil.)		ITEM	TRUCKS (1,000)		TRUCK-MILES (bil.)	
	Total	Excluding pickups, panels	Total	Excluding pickups, panels		Total	Excluding pickups, panels	Total	Excluding pickups, panels
Total	**33,835**	**4,802**	**377.3**	**87.6**	Range of operation:				
Major use:					Local	25,902	3,073	260.2	35.0
Agriculture [1]	4,121	1,213	39.3	9.9	Short-range [6]	3,498	682	59.5	22.5
Construction	3,795	841	49.3	10.1	Long-range [7]	1,039	358	35.3	26.4
Manufacturing	556	254	11.9	7.7	Off-the-road [5]	3,396	691	22.3	3.6
Wholesale and retail trade	2,316	844	39.5	17.6	Products carried:				
Personal transportation	19,188	172	167.4	.8	Farm products	1,626	811	16.2	8.5
All other	3,858	1,480	69.8	41.6	Building materials	991	552	13.8	9.0
Body type:					Mixed cargoes	675	297	18.3	12.1
Pickup, panel, multi-stop, or walk-in	29,245	214	292.4	2.7	Craftsman's equipment	2,914	421	38.4	4.5
Platform [2]	1,738	1,738	20.2	20.2	Personal transportation	19,202	176	167.4	.8
Van [3]	1,086	1,086	37.9	37.9	All other	8,425	2,546	123.2	52.7
All other	1,763	1,763	26.8	26.8	Hazardous materials carried	461	363	16.2	14.7
Vehicle size: [4] Light	30,223	1,348	299.5	11.8	Less than 25 percent of time	244	190	10.3	9.4
Medium	1,195	1,053	11.3	9.5	25 to 49 percent of time	117	77	3.0	2.4
Light-heavy	796	783	7.6	7.4	50 to 74 percent of time	20	18	.8	.7
Heavy-heavy	1,621	1,619	58.9	58.9	75 to 100 percent of time	80	78	2.2	2.2
Year model:					Types of hazardous material: [8]				
1 to 2 years old	3,024	307	57.1	12.4	Flammables or combustibles	361	309	13.6	12.7
3 to 4 years old	5,585	663	86.5	22.4	Acids, poisons, caustics, etc	167	148	7.6	7.4
4 years or more	25,225	3,832	233.7	52.7	Explosives	35	30	1.4	1.3
Vehicle acquisition:					Radioactive materials	47	30	1.9	1.6
Purchased new	15,448	2,292	208.3	54.1	Hazardous waste	24	23	1.2	1.1
Purchased used	17,438	2,212	152.4	24.6	All other	36	32	1.5	1.4
Leased [5]	949	298	16.6	8.8	Not reported	9	3	.1	(Z)
Fleet size: 1	26,333	1,665	253.4	20.1					
2 to 5	3,697	1,099	43.4	12.8					
6 to 19	1,784	836	29.8	16.0					
20 or more	2,021	1,202	50.7	38.7					
Truck type:									
Single-unit	32,385	3,731	321.8	36.3					
Combination	1,449	1,071	55.5	51.3					

Z Less than 50 million. [1] Includes forestry and lumbering. [2] Includes cattlerack. [3] Vans similar to panel trucks are included in panel. [4] Average operating weight (empty-weight of the vehicle plus the average load carried). Light=10,000 lbs. or less; medium=10,001–19,500 lbs.; light-heavy=19,501–26,000 lbs.; and heavy-heavy=26,001 lbs. or more. [5] Includes not reported. [6] Less than 201 miles. [7] 201 miles or more. [8] Detail does not add to totals because items were not applicable or multiple responses were possible.

Source of tables 1064 and 1065: U.S. Bureau of the Census, *1982 Census of Transportation*, TC82-T-52.

NO. 1066. PASSENGER TRANSIT INDUSTRY—SUMMARY: 1960 TO 1983

[Beginning 1970, includes Puerto Rico. Comprises all privately and publicly owned organized local passenger transportation agencies except taxicabs, suburban railroads, and sightseeing and school buses. Covers (*a*) local motorbus lines, (*b*) light rail lines, (*c*) heavy rail lines, and (*d*) trolley coach lines. Based on financial and statistical reports received by American Public Transit Association from transit systems representing more than 85 percent of the industry. See also *Historical Statistics, Colonial Times to 1970*, series Q 238–250]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Operating systems	**Number**	**1,251**	**1,148**	**1,079**	**947**	**1,018**	**1,027**	**1,044**	**1,035**	**1,036**	**1,036**
Motorbus systems [1]	Number	1,236	1,145	1,075	941	1,014	1,023	1,040	1,030	1,031	1,031
Publicly owned systems [1]	Number	54	78	144	333	463	523	576	578	581	599
Passenger vehicles owned	**Number**	**65,292**	**61,717**	**61,350**	**62,226**	**64,013**	**65,739**	**70,983**	**72,063**	**73,803**	**73,782**
Motorbuses	Number	49,600	49,600	49,700	50,811	52,866	54,490	59,411	60,393	62,114	62,093
Electric railway cars [2 3]	Number	11,866	10,664	10,600	10,712	10,554	10,524	10,749	10,919	10,926	11,003
Heavy rail	Number	9,010	9,115	9,338	9,608	9,567	9,522	9,693	9,801	9,867	9,943
Trolley coaches	Number	3,826	1,453	1,050	703	593	725	823	751	763	686
Total revenue	**Mil. dol**	(NA)	(NA)	(NA)	**3,451**	**4,682**	**5,558**	**6,510**	**7,366**	**8,044**	**8,526**
Operating revenue	Mil. dol	1,407	1,444	1,707	2,002	2,381	2,524	2,663	2,784	3,152	3,231
Nonoperating revenue [4]	Mil. dol	(NA)	(NA)	(NA)	41	69	124	142	261	305	273
Operating assistance	Mil. dol	(NA)	(NA)	(NA)	1,408	2,232	2,910	3,705	4,321	4,587	5,023
Federal	Mil. dol	(NA)	(NA)	(NA)	302	690	856	1,094	1,095	1,005	827
State and local	Mil. dol	(NA)	(NA)	(NA)	1,106	1,542	2,055	2,611	3,226	3,582	4,195
Total expense	**Mil. dol**	**1,377**	**1,454**	**1,996**	**3,752**	**4,789**	**5,611**	**6,711**	**7,623**	**8,314**	**8,736**
Operating expense	Mil. dol	(NA)	(NA)	(NA)	3,537	4,539	5,232	6,246	7,024	7,553	7,956
Transportation	Mil. dol	(NA)	(NA)	(NA)	1,877	2,508	2,735	3,248	3,596	3,882	3,931
Maintenance	Mil. dol	(NA)	(NA)	(NA)	814	1,069	1,469	1,774	1,946	2,168	2,392
Administration	Mil. dol	(NA)	(NA)	(NA)	846	962	1,028	1,224	1,482	1,503	1,634
Reconciling expense	Mil. dol	(NA)	(NA)	(NA)	215	250	380	464	597	761	780
Vehicle-miles operated [5]	**Million**	**2,143**	**2,008**	**1,883**	**1,990**	**2,028**	**2,045**	**2,093**	**2,134**	**2,128**	**2,117**
Motorbus	Million	1,578	1,528	1,409	1,526	1,630	1,634	1,677	1,685	1,669	1,678
Electric railway [2 3]	Million	466	437	441	448	384	400	403	437	446	421
Heavy rail	Million	391	395	407	423	364	380	385	420	429	408
Passengers carried [5 6]	**Million**	**9,395**	**8,253**	**7,332**	**6,972**	**7,616**	**8,130**	**8,235**	**7,694**	**7,741**	**7,889**
Motorbus [6]	Million	6,425	5,814	5,034	5,084	5,721	6,156	5,837	5,594	5,324	5,422
Electric railway [3 6]	Million	2,313	2,134	2,116	1,810	1,825	1,899	2,256	2,232	2,266	2,307
Average revenue per passenger	**Cents**	**14.2**	**16.2**	**22.4**	**26.7**	**29.8**	**30.0**	**31.0**	**33.9**	**39.7**	**40.2**
Employees, number (avg.)	**1,000**	**156**	**145**	**138**	**160**	**165**	**178**	**187**	**193**	**194**	**195**
Payroll, employee	Mil. dol	857	964	1,274	2,236	2,741	3,025	3,280	3,494	3,731	3,921

NA Not available. [1] Includes systems with combined services including motorbuses, heavy rail cars, light rail cars, trolley coaches, cable cars, and inclined plane cars. [2] Includes light rail. [3] Beginning 1975, includes cable car and inclined plane. [4] Includes auxiliary income. [5] Includes trolley coach, not shown separately. [6] Data for 1960–1979 not comparable with later years.

Source: American Public Transit Association, Washington, DC, *Transit Fact Book*, annual.

NO. 1067. FEDERAL GRANT APPROVALS FOR MASS TRANSPORTATION: 1970 TO 1983

[**In millions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Excludes direct Congressional authorizations to States or localities (major example is Washington, DC's Metro System). Mass transportation is defined as transportation by bus, or rail or other conveyance, either publicly or privately owned which provides to the public general or special service (excluding school buses, charter and sightseeing service) on a regular and continuing basis]

TYPE OF GRANT	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total grant approvals	**133**	**864**	**956**	**1,430**	**1,843**	**2,296**	**2,722**	**2,970**	**3,908**	**4,076**	**3,600**	[1] **4,050**
Capital grant approvals	133	864	956	1,287	1,479	1,724	2,037	2,102	2,787	2,946	2,544	3,162
Section 3 [2]	133	864	870	1,197	1,092	1,250	1,400	1,225	1,655	1,925	1,635	1,641
Section 5 [2]	(X)	(X)	(X)	9	26	39	50	256	431	361	298	301
Interstate and urban system [3]	(X)	(X)	86	81	361	434	587	621	701	660	612	448
Operating grant approvals, Section 5 [2]	(X)	(X)	(X)	143	364	572	685	868	1,121	1,130	1,056	888

X Not applicable. [1] Includes Section 9A funding not shown separately. [2] Grants allowed under Urban Mass Transportation Act of 1964 as amended. Section 3 grants are discretionary grants awarded upon application by local authorities. Section 5 grants are formula grants awarded to cities meeting certain criteria. [3] Grants under Federal Highway Act of 1973.

Source: American Public Transit Association, Washington, DC, *Transit Fact Book*, annual. Data from U.S. Urban Mass Transportation Administration.

NO. 1069. CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY, BY CARRIER: 1975 TO 1983

[See headnote, table 1069. Common carriers are carriers offering regular scheduled service. Contract carriers provide service at request of user. Minus sign (–) indicates loss]

ITEM	Unit	1975	1980	1982	1983	1975	1980	1982	1983
		COMMON CARRIER, GENERAL FREIGHT				COMMON CARRIER OTHER THAN GENERAL FREIGHT			
Carriers reporting	Number	368	298	274	291	330	441	554	510
Number of employees, average	1,000	379	413	361	362	94	101	98	85
Compensation of employees	Mil. dol	5,726	9,803	9,649	9,793	1,046	1,931	2,081	1,923
Operating revenues	Mil. dol	11,116	19,725	19,499	21,267	3,907	8,792	9,242	8,738
Intercity freight	Mil. dol	10,511	19,480	19,284	21,024	3,717	8,339	8,807	8,388
Operating expenses	Mil. dol	10,571	18,870	18,887	19,896	3,758	8,426	9,044	8,450
Ordinary income before taxes	Mil. dol	432	701	536	1,286	109	230	84	204
Net income	Mil. dol	225	–72	264	750	65	14	50	152
Total power units, intercity service	1,000	78	102	105	107	69	95	98	90
Trucks, tractors owned in operation, avg	1,000	49	73	76	76	25	33	33	32
Intercity vehicle-miles	Million	6,246	6,547	5,528	6,004	4,776	6,889	7,034	6,670
Tons of intercity revenue freight carried	Million	191	178	137	150	264	324	317	318
		CONTRACT CARRIER OTHER THAN GENERAL FREIGHT				CARRIERS OF HOUSEHOLD GOODS			
Carriers reporting	Number	50	69	90	85	32	28	40	37
Number of employees, average	1,000	10	14	17	19	4	10	9	9
Compensation of employees	Mil. dol	175	336	445	525	70	157	162	161
Operating revenues	Mil. dol	453	1,272	1,548	1,769	866	1,824	1,975	2,125
Intercity freight	Mil. dol	411	1,172	1,407	1,613	765	1,676	1,815	1,950
Operating expenses	Mil. dol	432	1,207	1,488	1,664	849	1,781	1,938	2,080
Ordinary income before taxes	Mil. dol	17	48	47	99	32	74	70	80
Net income	Mil. dol	9	28	31	61	18	42	47	51
Total power units, intercity service	1,000	8	13	15	16	18	25	27	31
Trucks, tractors owned in operation, avg	1,000	5	7	8	9	(Z)	1	1	1
Intercity vehicle-miles	Million	454	934	1,069	1,195	688	969	948	986
Tons of intercity revenue freight carried	Million	21	37	34	38	3	5	5	6

Z Less than 500.

Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States,* Part 2, annual.

NO. 1069. CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS: 1970 TO 1983

[Carriers subject to ICC regulations. See text, p. 586. Minus sign (–) indicates deficit. See also *Historical Statistics, Colonial Times to 1970,* series Q 69-75]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Carriers reporting [1]	Number	71	77	78	42	43	45	48	45	50	45
Number of employees, average	1,000	34	31	32	27	26	27	31	31	30	25
Compensation of employees	Mil. dol	317	383	446	400	412	469	599	630	646	570
Operating revenue	Mil. dol	722	942	975	969	[2] 1,021	1,200	1,397	1,453	1,447	1,276
Passenger revenue [3]	Mil. dol	524	651	645	655	671	802	947	993	969	876
Special bus revenue and other	Mil. dol	198	291	(NA)	314	345	398	215	202	229	180
Operating expenses	Mil. dol	639	880	937	924	983	1,143	1,318	1,381	1,416	1,283
Net operating revenue	Mil. dol	83	61	37	45	38	57	79	72	30	–7
Ordinary income:											
Before income taxes	Mil. dol	88	83	49	58	57	57	107	88	35	16
After income taxes	Mil. dol	52	56	32	40	41	57	90	61	37	26
Passenger vehicles in service [3]	1,000	13.3	9.7	(NA)	8.3	8.5	8.2	8.6	8.4	8.1	7.3
Vehicle-miles, passenger	Million	871	835	(NA)	754	726	754	781	732	717	591
Revenue passengers carried	Million	174	147	(NA)	122	118	122	134	114	112	94
Expense per vehicle-mile	Dollar	.73	1.05	(NA)	1.23	1.35	1.52	1.69	1.89	1.98	2.17

NA Not available. [1] Excludes carriers preponderantly in local or suburban service and carriers engaged in transportation of both property and passengers. [2] Includes $4 million from Government authorities for current operations. [3] Regular route, intercity and local.

Source: U.S. Interstate Commerce Commission, 1970, *Transport Statistics in the United States,* Part 7, and 1975-1982, Part 2, annual; except 1976, *Financial and Operating Statistics, Class I Motor Carriers of Passengers,* statement No. 750, semiannual. (Discontinued in 1979.)

NO. 1070. INTERCITY BUS LINES—SUMMARY OF OPERATIONS: 1970 TO 1984

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, est.
Operating companies	Number	1,000	950	1,000	1,050	1,100	1,200	1,330	1,470	1,520	2,300	3,000
Buses	1,000	22.0	20.5	20.1	20.1	20.4	21.3	21.4	21.5	22.0	23.5	25.0
Miles of highway served (Dec. 31) [1]	1,000	267	274	276	276	278	280	279	273	270	255	240
Employees (Dec. 31) [2]	1,000	50	47	46	46	46	48	49	49	50	50	51
Bus miles, total	Million	1,209	1,126	1,118	1,118	1,100	1,153	1,162	1,134	1,115	1,120	1,098
Revenue passengers	Million	401	351	340	329	336	368	370	375	370	365	362
Charter and tour passengers	Million	92	145	155	160	175	185	195	205	208	210	214
Revenue passenger-miles	Billion	25.3	25.4	25.1	26.0	25.6	27.7	27.4	27.1	26.9	26.5	27.1
Operating revenue, all services	Mil. dol	901	1,172	1,232	1,331	1,419	1,664	1,943	2,069	2,103	2,211	2,280
Operating expenses	Mil. dol	812	1,103	1,180	1,276	1,366	1,572	1,811	1,956	2,044	2,167	2,241
Net operating revenue [3]	Mil. dol	89	69	52	55	53	92	132	113	59	44	40

[1] Includes duplication between carriers. [2] Operating companies only. [3] Before income taxes.

Source: American Bus Association, Washington, DC, *Bus Facts,* annual; and *Annual Report.*

No. 1071. Railroads, Class I—Summary: 1970 to 1984

[As of **Dec. 31**, or **calendar year** data, except as noted. Compiled from annual reports of class I railroads only, except where noted. Beginning 1983, financial data may not be comparable with earlier years due to changes in accounting systems. Minus sign (–) indicates deficit. See also *Historical Statistics, Colonial Times to 1970*, series Q 284–312, Q 330, Q 356–363, and Q 367–377]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984
Class I line-hauling companies [1]	Number	71	73	41	41	39	38	33	32	29
Employees [2]	1,000	566	494	491	503	480	457	397	342	344
Compensation	Mil. dol	5,711	7,475	9,701	10,904	11,318	11,650	11,021	10,345	11,004
Average per hour	Dollars	4.14	6.39	8.43	9.22	10.21	11.14	12.26	13.29	13.84
Average per year	Dollars	10,086	15,324	20,573	22,585	24,659	26,698	29,087	32,125	34,064
Mileage:										
Railroad line owned [3]	1,000	206	199	191	185	179	168	165	161	(NA)
Railroad track owned [4]	1,000	336	324	310	300	290	278	275	270	(NA)
Equipment:										
Locomotives in service	1,000	27,086	26,210	27,400	28,097	28,396	27,808	27,073	25,838	[5] 24,762
Average horsepower	1,000 lb	1,926	2,121	2,140	2,188	2,302	2,326	2,341	2,364	[5] 2,403
Cars in service:										
Passenger-train	Number	11,177	6,471	4,493	4,241	4,347	3,945	3,736	[6] 2,610	(NA)
Freight train [7]	1,000	1,784	1,724	1,653	1,700	1,711	1,673	1,588	1,543	1,486
Freight cars [8]	1,000	1,454	1,359	1,227	1,217	1,168	1,111	1,039	1,007	948
Average capacity [8]	Tons	67.1	72.9	76.9	77.7	78.5	80.5	81.6	82.4	[5] 83.3
Aggregate capacity [8]	Mil. tons	95.6	99.2	94.4	94.6	92.7	89.4	84.8	83.0	80.0
Box [8]	1,000	590	475	384	380	347	314	278	271	245
Gondola and hopper [8]	1,000	724	680	647	645	636	621	594	577	552
Other [8]	1,000	140	204	196	192	185	176	167	159	151
Income and expenses:										
Operating revenues	Mil. dol	11,992	16,402	21,721	25,219	28,103	30,899	27,504	26,729	[5] 29,459
Operating expenses	Mil. dol	11,478	15,936	21,043	23,994	26,250	28,587	26,490	24,106	[5] 25,805
Tax accruals	Mil. dol	1,069	1,706	2,142	2,412	2,578	3,330	21,626	3,014	[5] 3,605
Interest on funded debt	Mil. dol	497	623	739	789	933	1,056	1,019	939	[5] 927
Net income	Mil. dol	227	144	307	938	1,192	2,041	1,152	1,778	[5] 2,659
Net railway operating income	Mil. dol	486	351	427	837	1,312	1,361	742	1,838	[5] 2,544
Rate of return on average net investment	Percent	1.73	1.20	1.52	2.87	4.13	3.98	2.11	4.29	[5] 5.85
Balance sheet:										
Total property investment	Mil. dol	38,213	40,344	38,935	40,498	43,923	46,619	47,311	62,964	(NA)
Accrued depreciation and amortization	Mil. dol	10,027	10,605	10,141	10,227	10,706	11,622	12,051	19,480	(NA)
Net investment	Mil. dol	28,186	29,740	28,794	30,271	33,217	34,997	35,260	43,483	(NA)
Shareholder's equity	Mil. dol	17,323	14,942	16,175	17,796	19,860	21,253	21,349	26,461	[5] 27,976
Net working capital	Mil. dol	–59	68	603	555	897	1,692	1,372	1,325	[5] 1,887
Cash dividends	Mil. dol	421	434	503	563	610	662	1,038	1,085	[5] 1,125
AMTRAK passenger traffic:										
Passenger revenue	Mil. dol	(NA)	(NA)	(NA)	(NA)	(NA)	412.6	406.8	450.3	482.7
Revenue passengers carried	1,000	(NA)	(NA)	(NA)	(NA)	(NA)	19,148	18,178	18,939	19,462
Revenue passenger miles	Mil	(NA)	(NA)	(NA)	(NA)	(NA)	4,397	3,993	4,227	4,427
Averages:										
Revenue per passenger	Dol	(NA)	(NA)	(NA)	(NA)	(NA)	21.25	22.38	23.78	24.80
Revenue per passenger mile	Cents	(NA)	(NA)	(NA)	(NA)	(NA)	9.384	10.188	10.653	10.905
Trip per passenger	Miles	(NA)	(NA)	(NA)	(NA)	(NA)	226.45	219.66	223.21	227.45
Freight service:										
Freight revenue	Mil. dol	10,922	15,390	20,236	23,447	26,200	28,925	25,627	25,835	[5] 28,478
Revenue-tons originated	Million	1,485	1,395	1,390	1,502	1,492	1,453	1,269	1,293	1,429
Tons carried one mile	Billion	765	754	858	914	919	910	798	827	922
Revenue ton-miles per mile of road	1,000	3,652	3,666	4,471	4,979	5,133	5,142	4,802	4,876	5,578
Revenue per ton-mile	Cents	1.428	2.041	2.358	2.599	2.852	3.178	3.212	3,119	[5] 3.090
Haul per ton, U.S. as a system	Miles	490	516	572	580	590	600	604	613	617
Accidents: [9]										
Persons killed	Number	2,255	1,560	1,646	1,429	1,417	1,284	1,119	1,073	1,247
Persons injured	Number	21,327	54,306	72,545	74,126	62,246	53,003	40,275	34,816	38,570

NA Not available. [1] See text, p. 588 for definitions of class I and class II. [2] Average mid-month count. [3] Represents the aggregate length of roadway of all line-haul railroads. Excludes yard tracks, sidings, and parallel lines. [4] Includes multiple main tracks, yard tracks, and sidings owned by both line-haul and switching and terminal. [5] Preliminary. [6] Excludes Long Island Railroad, which was reclassified. [7] Includes cars owned by all railroads, private car companies, and shippers. [8] Class I railroads only. [9] Includes highway grade crossing casualties. 1970 not comparable with later years due to change in requirements for reporting injuries.

Source: Association of American Railroads, Washington, DC, *Yearbook of Railroad Facts, Statistics of Railroads of Class I*, annual, and *Analysis of Class I Railroads*, annual. Accident data: U.S. Federal Railroad Administration, *Accident Bulletin*, annual.

No. 1072. Railroads, Class I Line-Haul—Financial Summary: 1970 to 1984

[**In millions of dollars, except percent.** Minus sign (−) indicates deficit. Data prior to 1978 have been restated to conform with revised Uniform System of Accounts. See also *Historical Statistics, Colonial Times to 1970*, series Q 364-366 and Q 378]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Operating revenues	11,992	16,402	18,536	20,090	21,721	25,219	28,103	30,899	27,504	26,729	29,459
Freight	11,106	15,390	17,400	18,892	20,236	23,447	26,200	28,925	25,627	25,835	28,478
Passenger	420	297	327	337	356	382	438	534	573	107	101
Other	466	715	809	861	1,130	1,390	1,464	1,439	1,303	787	880
Operating expenses	11,478	15,936	17,881	19,534	21,043	23,994	26,250	28,587	26,490	24,106	25,805
Net revenue from railway operations	514	466	655	557	678	1,225	1,853	2,312	1,013	2,623	3,655
Total income	994	1,094	1,358	1,353	1,623	2,397	3,167	4,425	2,680	3,889	4,900
Income taxes on ordinary income [1]	88	58	163	60	183	199	291	45	[2] 58	[2] 44	250
Net income (ordinary)	227	144	355	326	307	938	1,192	2,041	1,152	1,778	2,659
Net railway operating income	486	351	452	343	427	837	1,312	1,361	742	1,838	2,544
Rate of return (percent)	1.73	1.20	1.60	1.24	1.52	2.87	4.13	3.98	2.11	4.29	5.85
Shareowners' equity	17,323	14,942	15,230	15,727	16,175	17,796	19,860	21,253	21,349	26,461	27,976
Net working capital [3]	−59	68	343	571	603	555	897	1,692	1,372	1,325	1,887
Cash dividends	421	434	444	497	503	563	610	662	1,038	1,085	1,125
Gross capital expenditures	1,351	1,790	1,725	2,290	2,738	3,324	3,621	2,750	1,975	2,761	4,317
Equipment	993	1,303	1,175	1,540	1,883	2,285	2,346	1,502	713	455	845
Roadway and structures	358	486	550	751	855	1,039	1,275	1,248	1,262	2,306	3,472

[1] Includes State income taxes beginning 1978. [2] Represents credit. [3] Current assets minus current liabilities, including debt due within one year.

Source: Association of American Railroads, Washington, DC, *Statistics of Railroads of Class I*, annual; *Yearbook of Railroad Facts*, annual; and *Analysis of Class I Railroads*, annual.

No. 1073. Railroads, Class I Line-Haul—Selected Freight Statistics: 1970 to 1984

[Excludes switching and terminal roads. See text, p. 588, for definition of class I. See *Historical Statistics, Colonial Times to 1970*, series Q 319, for train-miles per train-hour]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Average miles of road operated	1,000	209	205	198	197	192	183	179	177	174	170	165
Freight revenue	Bil. dol	10.9	15.4	17.4	18.9	20.3	23.6	26.2	28.9	25.6	[1] 25.8	[1] 28.5
Per ton-mile	Cents	1.43	2.04	2.20	2.29	2.37	2.59	2.83	3.18	3.21	[1] 3.20	[1] 3.09
Per ton originated	Dollar	7.67	11.40	12.75	13.90	14.95	16.17	18.05	20.36	20.89	20.66	20.89
Revenue freight:												
Tons originated	Million	1,485	1,395	1,370	1,395	1,390	1,502	1,492	1,453	1,269	1,293	1,429
Tons carried	Million	2,616	2,437	2,448	2,439	2,217	2,463	2,434	2,377	1,979	1,932	2,113
Revenue ton-miles	Billion	765	754	794	826	858	914	919	910	798	829	922
Average haul	Miles	292	309	324	339	371	366	377	381	403	429	436
Train miles	Million	427	402	425	428	433	438	428	408	345	346	369
Freight car miles, loaded [2]	Billion	17.3	15.1	15.8	16.3	15.9	15.8	14.7	13.8	11.7	13.8	(NA)
Empty	Billion	12.6	12.5	12.7	12.4	11.1	11.5	12.0	11.2	9.2	10.6	(NA)
Net ton-miles per train-mile [2]	Number	1,820	1,938	2,232	2,029	2,029	2,096	2,175	2,265	2,345	2,432	2,543
Net ton-miles per loaded car-mile [2]	Number	44.9	51.7	59.9	53.2	55.1	57.9	63.5	67.1	68.3	61.2	(NA)
Train-miles per train-hour	Miles	20.1	20.0	20.1	19.8	19.3	17.2	18.2	19.0	21.4	20.3	21.4

NA Not available. [1] Preliminary. [2] Revenue and nonrevenue freight.

Source: 1970-1978, U.S. Interstate Commerce Commission, *Annual Report; Transport Statistics in the United States*, Part 1, annual, and related quarterly reports; *Financial and Operating Statistics, Class I Railroads*, Statement No. 100, semiannual, and unpublished data; thereafter, Association of American Railroads, Washington, DC, *Yearbook of Railroad Facts*, annual.

No. 1074. Railroads, Class I—Cars of Revenue Freight Loaded, 1960 to 1984, and by Commodity Group, 1983 and 1984

[**In thousands.** Figures are 52-week totals. Data for 1978-84 include 12 class II railroads which were class I in 1977. See text, p. 588, for definition of class I. N.e.c.=Not elsewhere classified]

YEAR	CARLOADS		COMMODITY GROUP	CARLOADS		COMMODITY GROUP	CARLOADS	
	Total	Piggy-back		1983	1984		1983	1984
1960	30,441	554	Coal	5,210	5,919	Crushed stone, gravel, sand	503	588
1965	29,248	1,077	Metallic ores	823	850	Nonmetallic minerals, n.e.c.	589	608
1970	27,160	1,450	Chemicals, allied products	1,199	1,272	Waste and scrap materials	420	483
1975	23,217	1,308	Grain	1,379	1,417	Lumber, wood products (exc. furniture), n.e.c.	367	373
1976	23,457	1,506	Motor vehicles and equipment	867	1,010	Forwarder and shipper association traffic	433	386
1977	23,173	1,689	Pulp, paper, allied products	777	763	Coke	261	265
1978	23,355	1,841	Primary forest products	738	697	Petroleum product	239	248
1979	23,892	1,858	Food and kindred products, n.e.c.	610	560	Farm products, exc. grain	207	209
1980	22,598	1,661	Grain mill products	592	548	Less than carload	13	11
1981	21,613	1,723	Metals and products	433	475	All other carloads	2,625	3,005
1982	18,498	1,920	Stone, clay, and glass products	531	560			
1983	18,815	2,348						
1984	20,249	2,689						

Source: Association of American Railroads, Washington, DC, *Cars of Revenue Freight Loaded*, annual.

No. 1075. Railroads, Class I Line-Haul—Revenue Freight Originated, by Commodity Group: 1970 to 1984

[Data for 1976 are omitted due to incomplete reporting. See *Historical Statistics, Colonial Times to 1970*, series Q 332, for total carloads originated]

COMMODITY GROUP	1970	1974	1975	1977	1978	1979	1980	1981	1982	1983	1984
CARLOADS (1,000)											
Total [1]	27,015	26,223	22,930	22,823	22,482	23,409	22,223	21,343	18,585	19,013	20,946
Coal	5,296	4,691	4,844	4,809	4,972	5,329	5,789	5,835	5,718	5,276	6,061
Farm products	2,374	2,124	1,873	1,571	1,599	1,721	1,866	1,697	1,566	1,642	1,757
Food and kindred products	2,706	2,390	2,154	2,022	1,922	1,948	1,767	1,557	1,391	1,316	1,234
Metallic ores	1,602	1,575	1,338	1,020	1,405	1,480	1,258	1,354	761	812	1,001
Chemicals, allied products	1,576	1,521	1,313	1,421	1,426	1,471	1,322	1,322	1,120	1,216	1,312
Nonmetallic minerals [2]	2,204	2,203	1,895	1,725	1,650	1,592	1,474	1,272	958	1,079	1,204
Lumber and wood prod. [3]	2,048	1,970	1,616	1,738	1,629	1,565	1,384	1,254	1,002	1,075	1,051
Transportation equipment	1,059	1,263	1,135	1,417	1,352	1,278	1,004	939	801	954	1,141
Pulp, paper, allied products	1,197	1,221	1,015	1,077	975	977	954	899	765	746	741
Primary metal products	1,486	1,105	796	814	873	913	756	760	459	440	487
Stone, clay, and glass prod	1,231	1,127	906	924	911	920	776	690	516	543	576
Waste and scrap materials	805	949	744	689	734	713	632	610	409	417	480
Petroleum and coal prod	699	954	787	768	704	716	596	607	467	495	529
Machinery, exc. electrical	200	186	156	110	104	90	77	66	43	38	40
Fabricated metal prod. [4]	398	336	244	112	96	87	72	55	36	33	37
TONS (mil.)											
Total [1]	1,484.9	1,530.7	1,395.1	1,394.7	1,390.4	1,502.1	1,492.4	1,453.0	1,268.6	1,292.6	1,429.4
Coal	404.6	390.9	407.6	414.9	383.1	473.8	522.1	527.6	523.8	493.6	566.6
Farm products	134.2	142.2	134.4	121.9	128.7	138.5	156.1	139.9	133.5	142.2	151.1
Food and kindred products	110.1	107.3	100.2	98.7	95.4	93.2	91.9	82.8	77.0	75.2	72.1
Metallic ores	126.7	126.5	106.4	83.2	112.5	119.9	105.4	113.8	62.6	68.4	85.5
Chemicals, allied products	91.6	101.4	91.4	104.3	106.7	112.4	108.3	105.9	91.2	99.3	107.4
Nonmetallic minerals [2]	163.3	171.0	150.6	139.6	135.0	132.3	124.8	110.0	84.7	96.5	108.2
Lumber and wood prod. [3]	101.9	105.3	88.6	99.3	95.1	93.1	85.5	80.3	65.9	71.7	89.9
Transportation equipment	24.2	29.6	27.3	33.6	32.2	30.6	23.9	22.2	18.8	22.2	26.1
Pulp, paper, allied products	42.5	48.2	40.6	44.9	41.4	42.4	42.1	41.6	36.4	36.6	37.7
Primary metal products	62.2	70.3	51.4	55.2	60.3	63.9	52.7	53.3	32.0	32.0	36.1
Stone, clay, and glass prod	71.1	68.0	56.8	59.9	59.9	61.5	53.7	49.2	38.2	41.6	44.7
Waste and scrap materials	39.8	46.1	38.2	38.1	37.8	38.5	34.3	34.1	22.7	24.5	28.8
Petroleum and coal prod	36.3	53.0	45.8	46.1	44.4	43.9	38.1	39.0	31.6	33.6	35.3
Machinery, exc. electrical	4.6	4.2	3.6	2.7	2.5	2.3	2.0	1.7	1.2	.8	.9
Fabricated metal prod. [4]	11.3	11.3	8.2	2.9	2.5	2.3	2.0	1.7	1.0	.8	.9
GROSS REVENUE (mil. dol.)											
Total [1]	11,388	16,378	15,899	19,394	20,785	24,283	26,938	29,590	26,504	26,710	29,866
Coal	1,381	1,848	2,146	2,698	2,813	3,872	4,956	5,977	6,307	5,969	6,965
Farm products	1,068	1,510	1,472	1,485	1,678	2,101	2,801	2,621	2,305	2,374	2,483
Food and kindred products	1,363	1,776	1,822	2,041	2,158	2,421	2,837	2,928	2,604	2,349	2,309
Metallic ores	333	494	468	447	553	621	597	723	403	450	567
Chemicals, allied products	1,137	1,739	1,681	2,212	2,342	2,739	2,946	3,288	2,942	3,078	3,360
Nonmetallic minerals [2]	409	604	596	687	723	829	948	1,036	852	834	997
Lumber and wood prod. [3]	832	1,132	1,066	1,416	1,461	1,546	1,643	1,559	1,303	1,527	1,611
Transportation equipment	734	1,271	1,283	1,988	2,089	2,167	1,917	2,120	1,966	2,292	2,659
Pulp, paper, allied products	730	1,058	977	1,212	1,260	1,445	1,652	1,848	1,717	1,671	1,762
Primary metal products	813	1,027	848	957	1,104	1,291	1,332	1,559	977	816	955
Stone, clay, and glass prod	512	705	651	822	902	1,018	1,025	1,114	888	908	1,024
Waste and scrap materials	232	409	359	404	432	479	513	573	418	423	496
Petroleum and coal prod	305	600	573	690	713	835	865	1,019	887	844	913
Machinery, exc. electrical	148	204	200	163	166	174	176	176	115	75	81
Fabricated metal prod. [4]	210	267	221	121	115	117	110	105	71	52	57

[1] Includes commodity groups and small packaged freight shipments, not shown separately. [2] Except fuels. [3] Except furniture. [4] Except ordnance, machinery, and transport.

Source: 1970–1979, U.S. Interstate Commerce Commission, *Freight Commodity Statistics—Class I Railroads in the United States*, annual; thereafter, Association of American Railroads, Washington, DC, *Freight Commodity Statistics*, annual.

No. 1076. Producer Price Indexes for Total Railroad Freight: 1970 to 1984

[1969 = 100. Reflects prices for shipping a fixed set of commodities under specified and unchanging conditions]

COMMODITY	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total railroad freight	**108.8**	**149.7**	**169.4**	**186.6**	**199.1**	**213.1**	**243.3**	**284.4**	**327.4**	**351.0**	**355.6**	**371.9**
Annual percent change	8.8	[1] 8.3	13.2	10.2	6.7	7.0	14.2	16.9	15.1	7.2	1.3	4.6
Coal	108.6	154.8	177.5	199.6	211.6	228.2	266.2	306.3	350.9	352.6	389.9	403.4
Farm products	108.3	145.3	165.0	182.7	191.3	204.9	235.9	275.6	314.7	337.1	343.0	360.3
Food and kindred products	108.9	148.9	166.6	185.1	195.3	210.1	239.2	283.0	328.8	352.6	356.6	373.1
Metallic ores	108.9	155.0	178.4	197.8	211.1	227.9	263.4	307.7	355.4	387.6	395.7	410.4
Chemicals and allied products	108.6	147.9	168.5	183.8	197.1	208.5	235.4	274.2	316.0	339.0	342.0	357.8
Nonmetallic minerals	108.0	150.5	172.4	191.7	205.5	221.2	257.8	307.3	367.8	397.0	402.6	420.9
Lumber and wood products	108.4	147.4	163.6	177.9	191.7	205.7	233.4	278.0	325.7	349.6	357.0	381.5
Transportation equipment	109.4	153.5	173.5	190.2	204.3	217.6	246.3	281.7	315.8	325.9	329.3	344.0
Pulp, paper, and allied products	108.9	143.5	162.7	176.1	186.5	197.1	223.7	265.0	305.9	327.3	330.5	345.1
Primary metal products	109.5	153.3	174.8	191.6	205.0	217.9	247.1	284.6	323.7	345.3	349.0	364.8
Stone, clay, concrete, glass, products	109.4	153.1	174.5	192.2	206.4	223.4	255.1	301.3	351.3	379.3	383.4	401.3

[1] Change from 1970.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 1077. Railroad Accident—Deaths and Injuries: 1970 to 1984

[Casualty data prior to 1975 cover only those cases where a person lost time from that person's job or other usual activity. Beginning 1975, covers cases with lost time, those requiring medical treatment beyond first aid, termination of employment, transfer to another job, loss of consciousness, and occupational illnesses. 1970, cases where death occurred more than 24 hours after the injury were classified as injuries; thereafter, they were classified as deaths. See also *Historical Statistics, Colonial Times to 1970*, series Q 385-387 and Q 400-401]

TYPE OF CASUALTY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Persons killed, total	**2,225**	**1,560**	**1,630**	**1,530**	**1,646**	**1,429**	**1,417**	**1,284**	**1,119**	**1,073**	**1,247**
In highway grade crossing accidents [1]	1,440	978	1,114	944	1,021	834	788	697	580	542	610
Involving motor vehicles [2]	1,337	765	956	822	908	704	682	593	510	466	530
Passengers on trains	8	8	5	4	13	6	4	4	9	4	12
Railroad employees on duty	155	110	100	114	122	101	97	65	78	61	59
Trespassers and other	2,062	1,442	1,525	1,412	1,511	1,322	1,316	1,215	1,032	1,008	1,176
Persons injured	**21,327**	**54,306**	**65,331**	**67,867**	**72,545**	**74,126**	**62,246**	**53,003**	**40,275**	**38,816**	**38,570**
In highway grade crossing accidents [1]	3,336	4,168	4,831	4,649	4,256	4,172	3,662	3,121	2,508	2,467	2,723
Involving motor vehicles [2]	3,205	3,568	4,307	4,455	4,087	3,938	3,486	2,975	2,386	2,355	2,568
Passengers on trains	489	1,307	998	503	1,252	1,001	593	409	387	502	1,000
Railroad employees on duty	15,743	47,318	57,889	61,028	65,071	66,924	56,331	47,838	36,032	30,416	33,364
Trespassers and other	5,095	5,681	6,444	6,336	6,222	6,201	5,322	4,756	3,856	3,898	4,206

[1] Accidents at public crossings only. [2] Excludes motorcycles.

Source: U.S. Federal Railroad Administration, *Accident Bulletin*, annual, and *Rail-Highway Crossing Accident/Incident and Inventory Bulletin*, annual.

No. 1078. Petroleum Pipeline Companies—Characteristics: 1972 to 1983

[Covers pipeline companies operating in interstate commerce and subject to jurisdiction of Interstate Commerce Commission from 1972 to 1976, and Federal Energy Regulatory Commission beginning 1977]

ITEM	Unit	1972	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Miles of pipeline, total	1,000	172.1	169.0	170.7	169.9	154.5	161.6	169.8	172.7	172.8	172.5	167.8
Gathering lines	1,000	42.3	40.7	40.4	37.6	34.7	36.5	36.9	36.3	36.6	35.6	31.0
Trunk lines	1,000	129.8	128.3	130.3	132.3	119.8	125.1	132.9	136.4	134.2	136.9	136.9
Total deliveries	Mil. bbl	8,847	9,132	9,391	9,742	10,019	10,768	11,140	10,600	10,223	10,181	10,310
Crude oil	Mil. bbl	5,510	5,698	5,729	5,996	6,089	6,550	6,728	6,405	6,070	5,968	6,020
Products	Mil. bbl	3,337	3,434	3,662	3,746	3,930	4,218	4,412	4,195	4,153	4,213	4,289
Total trunk line traffic	Bil. bbl-miles	2,687	2,632	2,892	2,918	3,895	3,723	3,577	3,405	3,554	3,442	3,328
Crude oil	Bil. bbl-miles	1,520	1,456	1,551	1,639	2,267	2,031	1,946	1,948	1,813	1,938	1,875
Products	Bil. bbl-miles	1,167	1,176	1,341	1,279	1,627	1,691	1,631	1,458	1,740	1,484	1,452
Carrier property value	Mil. dol	6,749	8,038	10,740	13,684	16,736	17,654	18,990	19,752	21,250	21,942	22,255
Operating revenues	Mil. dol	1,338	1,579	1,869	2,132	2,818	4,990	5,781	6,356	6,678	7,140	7,472
Net income	Mil. dol	415	330	456	595	478	1,696	1,648	1,912	2,031	2,162	2,353

Source: PennWell Publishing Co., Houston, Texas, *Oil and Gas Journal*, November 28, 1984 and earlier issues. (Copyright.)

No. 1079. Interstate Natural Gas Pipeline Companies—Summary: 1970 to 1983

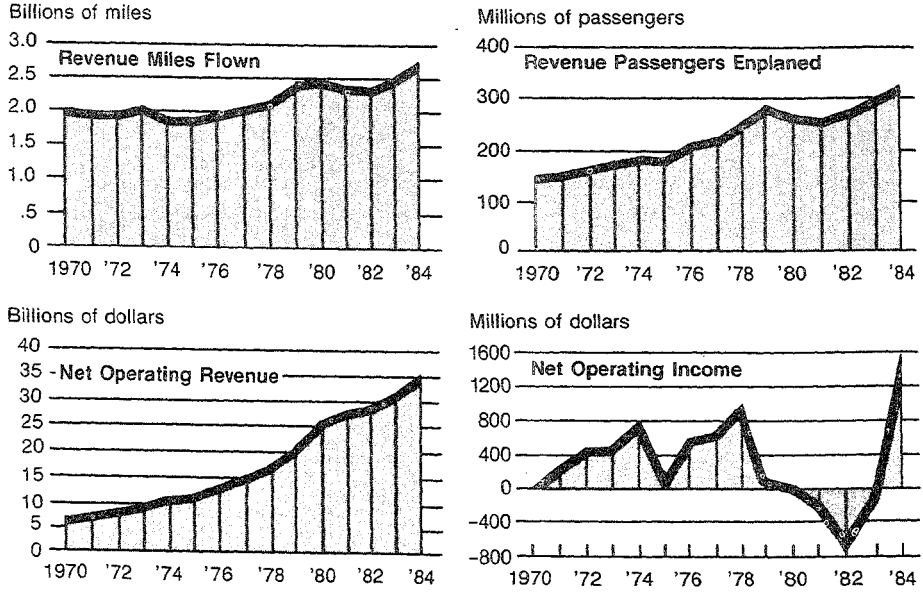
[Excludes companies whose operations are limited to production of natural gas and sales of gas at or near the point of production. Covers classes A and B interstate natural gas pipeline companies (102 in 1983) with annual gas operating revenues of $1,000,000 or more]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983
Sales	Tril. cu. ft	19.9	16.5	15.7	16.2	17.7	17.3	17.8	16.2	14.3
Residential	Tril. cu. ft	.6	.5	.6	.6	.6	.6	.7	.7	.7
Commercial, industrial	Tril. cu. ft	2.9	1.9	1.9	1.9	2.1	2.3	2.5	2.1	1.7
For resale	Tril. cu. ft	16.3	14.0	13.2	13.6	14.8	14.4	14.5	13.3	11.9
Operating revenues	Mil. dol	7,955	14,278	22,289	25,966	35,509	45,271	55,710	64,165	64,324
From sales [1]	Mil. dol	7,576	13,451	21,126	24,832	33,980	43,222	53,272	61,364	60,946
Residential	Mil. dol	622	756	1,316	1,520	1,754	2,001	2,927	3,585	4,004
Commercial, industrial	Mil. dol	1,025	1,646	2,842	3,272	4,527	5,950	8,189	8,210	7,579
For resale	Mil. dol	5,898	11,003	16,912	19,977	27,597	35,271	42,062	49,419	49,225
From transportation of gas to others	Mil. dol	188	387	559	619	772	924	1,055	1,318	1,864
Other	Mil. dol	191	440	604	511	757	1,125	1,383	1,483	1,515
Operation, maintenance expenses	Mil. dol	5,602	10,374	17,596	20,954	29,867	39,154	49,307	57,033	55,922
Production	Mil. dol	4,546	8,573	15,096	18,048	26,157	34,742	43,733	50,577	49,163
Storage	Mil. dol	63	140	205	254	275	303	367	448	492
Transmission	Mil. dol	534	912	1,300	1,519	2,077	2,547	3,278	3,962	3,955
Distribution	Mil. dol	92	122	178	193	217	245	312	334	334
Administrative, general, and other	Mil. dol	368	627	817	940	1,141	1,317	1,617	1,812	1,978
Pipeline mileage:										
Transmission lines	1,000	182.0	187.2	189.9	190.7	193.4	192.4	186.8	201.9	198.7
Field lines	1,000	51.6	57.1	60.2	63.0	66.2	69.7	73.0	76.2	77.0
Storage	1,000	3.5	4.2	4.2	4.3	4.4	12.1	4.3	7.2	7.0

[1] Includes other ultimate customers not shown separately.

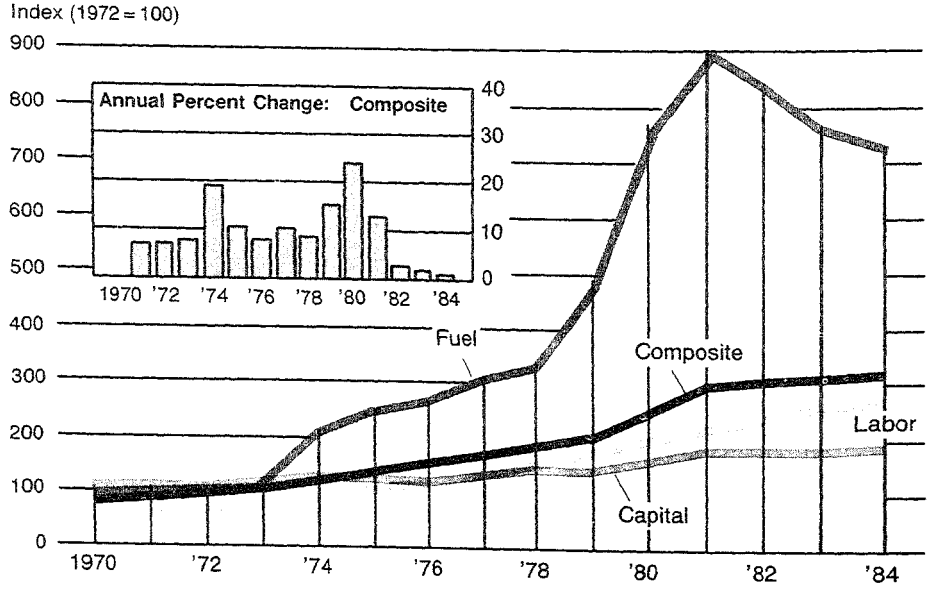
Source: 1970 and 1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, *Statistics of Interstate Natural Gas Pipeline Companies*, annual.

Figure 23.1
Domestic Scheduled Air Carriers: 1970 to 1984

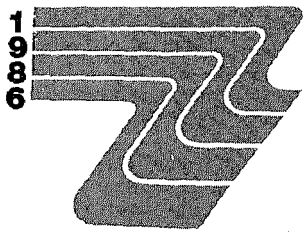


Source: Chart prepared by U.S. Bureau of Census. For data, see tables 1080 and 1081.

Figure 23.2
Airline Cost Indexes: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1085.



Section 23

Transportation—Air and Water

This section presents statistics on civil air transportation, both passenger and cargo, and on water transportation, including inland waterways, oceanborne commerce, the merchant marine, cargo and vessel tonnages, and shipbuilding. Comparative data on various types of transportation carriers are presented in section 22.

Principal sources of these data are the annual *FAA Statistical Handbook of Aviation* issued by the Federal Aviation Administration (FAA); the annual *Waterborne Commerce of the United States* issued by the Corps of Engineers of the Department of the Army; the monthly and annual issues of *U.S. Waterborne Exports and General Imports,* and *U.S. Airborne Exports and General Imports,* the annual *Vessel Entrances and Clearances,* and the monthly *Highlights of U.S. Export and Import Trade,* issued by the Bureau of the Census. In addition, the Bureau of the Census in its commodity transportation survey (part of the census of transportation, taken every five years, for years ending in "2" and "7") provides data on the type, weight, and value of commodities shipped by manufacturing establishments in the United States, by means of transportation, origin, and destination.

Air transportation data are also presented annually by the Air Transport Association of America, Washington, DC in *Air Transport Facts and Figures.* Additional sources of data on water transportation include *A Statistical Analysis of the World's Merchant Fleets,* issued periodically by the U.S. Maritime Administration; *The Bulletin,* issued monthly by the American Bureau of Shipping, New York; and the *Annual Summary of Merchant Ships Completed in the World* and the *Register Book,* published by Lloyd's Register of Shipping, London, England.

Civil aviation.—Federal promotion and regulation of civil aviation have been carried out by the FAA and the Civil Aeronautics Board (CAB). The CAB promoted and regulated the civil air transportation industry within the United States and between the United States and foreign countries. The Board granted licenses to provide air transportation service, approved or disapproved proposed rates and fares, and approved or disapproved proposed agreements and corporate relationships involving air carriers. In December 1984, the CAB ceased to exist as an agency. Some of its functions were transferred to the Department of Transportation, as outlined below. The responsibility for investigation of aviation accidents resides with the National Transportation Safety Board.

The Office of the Secretary, DOT aviation activities include: negotiation of international air transportation rights, selection of U.S. air carriers to serve capacity controlled international markets, oversight of international rates and fares, maintenance of essential air service to small communities, and consumer affairs. DOT's Research and Special Programs Administration (RSPA) handles aviation information functions formerly assigned to CAB.

The principal activities of the FAA include: The promotion of air safety; controlling the use of navigable airspace; prescribing regulations dealing with the competency of airmen, airworthiness of aircraft, and air traffic control; operation of air route traffic control centers, airport traffic control towers, and flight service stations; the design, construction, maintenance, and inspection of navigation, traffic control, and communications equipment; and the development of general aviation.

The CAB published monthly and quarterly financial and traffic statistical data for the certificated route air carriers. RSPA continues these publications, including both certificated and non-certificated (commuter) air carriers. The FAA publishes annually data on the use of airway facilities; data related to the location of airmen, aircraft, and airports; the volume of activity in the field of non-air carrier (general aviation) flying; and aircraft production and registration.

General aviation comprises all civil flying (including such commercial operations as small demand air taxis, agriculture application, powerline patrol, etc.) but excludes certificated route air carriers, supplemental operators, large-aircraft commercial operators and commuter airlines.

Air carriers and service.—The CAB previously issued "certificates of public convenience and necessity" under Section 401 of the Federal Aviation Act of 1958 for scheduled and non-scheduled (charter) passenger services and cargo services. It also issued certificates under Section 418 of the Act to cargo air carriers for domestic all-cargo service only. The DOT Office of the Secretary now issues the certificates under a "fit, willing and able" test of air carrier operations. Carriers operating only 60 seat or less aircraft are given exemption authority to carry passengers, cargo and mail in scheduled and non-scheduled service under Part 298 of the DOT (formerly CAB) regulations. Ex-

emption authority carriers who offer scheduled passenger service to an essential air service point must meet the "fit, willing and able" test.

Vessel shipments, entrances, and clearances.—Shipments by dry cargo vessels comprise shipments on all types of watercraft, except tanker vessels; shipments by tanker vessels comprise all types of cargo, liquid and dry, carried by tanker vessels.

A vessel is reported as entered only at the first port which it enters in the United States, whether or not cargo is unloaded at that port. A vessel is reported as cleared only at the last port at which clearance is made to a foreign port, whether or not it takes on cargo. Army and Navy vessels entering or clearing without commercial cargo are not included in the figures.

Units of measurement.—Cargo (or freight) tonnage and shipping weight both represent the gross weight of the cargo including the weight of containers, wrappings, crates, etc. However, shipping weight excludes lift and cargo vans and similar substantial outer containers. Other tonnage figures generally refer to stowing capacity of vessels, 100 cubic feet being called 1 ton. Gross tonnage comprises the space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers, or crew, with certain minor exceptions. Net or registered tonnage is the gross tonnage less the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. Substantially, it represents space available for cargo and passengers. The net tonnage capacity of a ship may bear little relation to weight of cargo. Deadweight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is, therefore, the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).— Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986.* For cross-references, see Appendix VI.

No. 1080. Certificated Route Passenger/Cargo Air Carriers—Number, Operating Revenues, and Expenses: 1970 to 1984

[**In millions of dollars, except number of carriers.** 1970–1979, includes scheduled and charter operations. Beginning 1980, includes all cargo carriers. Minus sign (–) indicates loss. See also headnote, table 1081, and *Historical Statistics, Colonial Times to 1970,* series Q 591–603]

ITEM	1970	1975	1977	1978	1979	1980	1981 [1]	1982 [1]	1983 [1]	1984, [1] prel.
Number of air carriers	39	33	33	35	49	63	98	98	96	95
DOMESTIC										
Operating revenue	**7,131**	**11,911**	**15,690**	**17,943**	**21,337**	**26,404**	**28,788**	**28,728**	**31,014**	**35,373**
Passenger	6,359	10,290	13,772	15,753	18,930	23,317	25,504	25,440	27,346	31,175
Mail (including subsidy)	205	247	355	334	413	590	591	572	537	555
Express and freight	472	702	978	1,107	1,184	1,582	1,659	1,505	1,582	1,686
Other	94	672	585	749	810	974	1,034	1,211	1,549	1,957
Operating expenses	**7,128**	**11,781**	**15,036**	**16,948**	**21,213**	**26,409**	**29,051**	**29,478**	**31,186**	**33,788**
Flying operations	2,098	3,869	5,229	5,577	7,867	11,029	12,037	11,529	11,370	12,151
Maintenance	1,127	1,595	1,986	2,125	2,421	2,758	2,821	2,709	2,878	2,173
General services and administration	3,157	5,050	6,536	7,556	9,120	10,545	11,943	12,825	14,274	15,615
Depreciation and amortization	745	883	960	1,213	1,352	1,560	1,723	1,876	2,107	2,221
Transport related	(NA)	383	325	477	453	517	526	537	554	627
Net operating income	**3**	**129**	**654**	**995**	**123**	**–6**	**–264**	**–750**	**–171**	**1,587**
INTERNATIONAL										
Operating revenue	**1,913**	**3,063**	**3,774**	**4,332**	**5,191**	**6,543**	**6,390**	**6,435**	**7,163**	**7,871**
Passenger	1,553	2,435	3,019	3,494	4,226	4,984	4,916	4,959	5,361	5,762
Mail (including subsidy)	110	97	88	92	107	175	165	177	152	158
Express and freight	209	381	444	457	534	1,011	984	989	913	1,071
Other	41	150	224	288	325	372	325	309	737	880
Operating expenses	**1,894**	**3,059**	**3,552**	**4,008**	**5,105**	**6,766**	**6,574**	**6,452**	**6,693**	**7,378**
Flying operations	515	1,050	1,170	1,211	1,795	2,775	2,757	2,596	2,490	2,608
Maintenance	241	363	414	458	521	616	540	512	548	656
General services and administration	950	1,345	1,609	1,888	2,289	2,811	2,752	2,795	3,056	3,418
Depreciation and amortization	188	212	238	303	327	385	382	396	389	445
Transport related	(NA)	88	120	148	173	178	144	152	211	252
Net operating income	**19**	**4**	**222**	**324**	**86**	**–223**	**–184**	**–17**	**470**	**493**

NA Not available. [1] Excludes carriers that report system total only (operating revenues of $1,033 million in 1981, $902 million in 1982, $415 million in 1983, and $544 million (preliminary) in 1984; operating expenditures of $986 million, $874 million, $352 million, and $497 million (preliminary) in 1981, 1982, 1983, and 1984 respectively.

Source: U.S. Federal Aviation Administration. From data supplied by U.S. Civil Aeronautics Board, *CAB Air Carrier Financial Data,* annual.

No. 1081. Certificated Route Air Carriers—Summary: 1970 to 1984

[As of Dec. 31 or for calendar years. See text, p. 615. Operations between conterminous U.S., Puerto Rico, and outlying areas included with international. See also *Historical Statistics, Colonial Times to 1970*, series Q 577-590 and Q 624-633]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984
Domestic operators [1]	Number	35	33	52	63	98	98	96	95
International operators [1]	Number	6	2						
Employment, total [2]	1,000	297	290	341	371	350	330	329	345
Pilots, copilots, and other flight personnel	1,000	33	32	37	39	37	35	35	37
Flight attendants	1,000	34	39	53	57	55	51	56	60
Mechanics	1,000	48	45	45	45	46	43	40	43
Aircraft and traffic servicing personnel	1,000	84	83	98	122	95	88	95	101
Other	1,000	98	91	108	108	117	113	103	104
Fixed-wing aircraft in operation [3]	Number	2,421	2,260	2,466	2,505	2,523	2,468	2,618	2,692
Turbojet	Number	2,041	2,022	2,308	2,336	2,295	2,377	2,492	2,572
Two-engine	Number	519	500	621	652	731	863	974	1,065
Three-engine	Number	631	961	1,232	1,311	1,284	1,260	1,296	1,277
Four-engine	Number	891	561	455	373	280	254	222	230
Turboprop	Number	316	193	152	163	223	88	118	110
Piston	Number	64	45	6	6	5	3	8	10
Average available seats: [4] [5]									
Domestic	Number	110.4	130.4	139.9	143.1	147.2	153.0	154.1	154.4
International	Number	154.9	224.8	259.1	274.5	279.6	283.0	283.6	289.9
Average/hr. speed: [5]									
Domestic	Mi. per hr.	403	403	406	405	403	408	415	415
International	Mi. per hr.	482	482	493	494	494	483	491	495
Jet fuel consumed: [6]									
Domestic	Mil. gal	7,842	7,558	9,376	9,218	8,984	8,326	8,556	9,466
International	Mil. gal	2,241	1,949	1,993	2,093	1,826	1,942	1,970	2,205
Revenue-miles flown [5]	Millions	2,426	2,241	2,791	2,816	2,703	2,699	2,809	3,114
Domestic	Millions	2,027	1,909	2,435	2,471	2,396	2,387	2,483	2,767
International	Millions	399	332	355	345	307	312	326	347
Revenue passengers enplaned [5]	Millions	169	205	317	297	286	294	319	344
Domestic	Millions	153	189	293	273	265	274	297	320
International	Millions	16	16	24	24	21	20	22	24
Revenue passenger-miles flown: [5]									
Domestic	Billions	104.1	131.7	208.9	200.8	198.7	210.1	226.9	243.1
International	Billions	27.6	31.1	53.1	54.4	50.1	49.5	54.9	61.3
Average passenger-mile rate: [5] [7]									
Domestic	Dollars	.060	.077	.091	.113	.127	.121	.121	.128
International	Dollars	.050	.072	.077	.075	.095	.100	.098	.094
Express and freight revenue, ton-miles flown [5]	Millions	3,515	4,796	5,964	5,742	5,686	5,482	6,092	6,552
Domestic	Millions	2,216	2,747	3,466	3,277	3,350	3,039	3,385	3,553
International	Millions	1,299	2,049	2,498	2,465	2,336	2,443	2,707	2,999
Mail, ton-miles flown: [5]									
Domestic	Millions	715	683	853	949	998	1,004	1,065	1,159
International	Millions	549	426	372	393	376	400	415	457
Accidents (scheduled passenger service):									
Total [8]	Number	39	28	18	19	25	16	21	12
Fatal	Number	2	2	5	2	4	5	4	1
Fatalities	Number	3	122	352	14	4	235	15	4

[1] The Airline Deregulation Act of 1978 lifted some restrictions on entering new markets. As a result there is no longer a clear distinction between domestic and international operators. Includes all cargo.
[2] Scheduled airlines only. Source: Air Transport Association of America, Washington, DC, *Air Transport Facts and Figures*, annual.
[3] Excludes those used for crew training and general utility purposes, or held for disposal. Beginning 1975, includes aircraft operated by the scheduled all-cargo certificated route air carriers.
[4] Seats per aircraft mile. Passenger seat-miles divided by revenue-miles flown in passenger service.
[5] Scheduled services of all certificated route air carriers; includes all cargo.
[6] Includes all cargo. Beginning 1979 includes very small amount of gasoline.
[7] Passenger revenues divided by revenue passenger-miles flown.
[8] Includes mid-air collisions nonfatal to air carrier occupants (excluded in computation of fatal accidents).

Source: Except as noted, U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual. Includes data from U.S. Civil Aeronautics Board and U.S. National Transportation Safety Board.

No. 1082. Certificated Route Air Carriers—Service and Traffic: 1970 to 1984

[In millions, except as indicated]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984
Revenue ton-miles, all services	**20,186**	**23,534**	**31,095**	**34,551**	**34,656**	**33,923**	**36,051**	**38,011**	**41,105**
Revenue ton-miles, scheduled	18,166	22,186	29,679	33,390	32,603	31,949	32,849	35,756	38,615
Passenger [1]	13,171	16,281	22,678	26,202	25,519	24,889	25,963	28,183	30,446
U.S. mail	1,470	1,097	1,168	1,206	1,318	1,348	1,375	1,450	1,581
Foreign mail	10	12	14	18	24	26	29	30	35
Express	107	29	56	56	56	68	58	66	62
Freight	3,408	4,766	5,763	5,908	5,686	5,618	5,424	6,027	6,490
Revenue ton-miles, charter [2]	2,020	1,348	1,416	1,161	2,053	1,974	2,201	2,255	2,491
Available ton-miles, all services	44,298	49,289	56,869	62,546	66,163	64,245	65,770	68,778	75,940
Ton-mile load factor (percent)	45.6	47.7	54.7	55.2	52.4	52.8	53.3	55.3	54.1
Scheduled services total:									
Revenue passengers enplaned, scheduled	170	205	275	317	297	286	294	319	343
Revenue passenger-miles (bil.)	132	163	237	262	255	249	260	282	304
Available seat-miles (bil.)	265	303	369	416	433	425	440	465	514
Passenger load factor (percent)	49.7	53.7	61.5	63.0	59.0	58.6	59.0	60.7	59.2
Revenue passenger-miles per gallon of fuel (number) [3]	15.4	18.7	22.9	24.3	24.1	24.8	26.1	27.4	26.9
Revenue plane-miles	2,418	2,241	2,520	2,791	2,816	2,703	2,699	2,809	3,114

[1] A passenger ton-mile represents 1 ton of passenger weight, including free and excess baggage, transported 1 mile. [2] Passenger and cargo. [3] For major and national airlines; see headnote, table 1085.

Source: Air Transport Association of America, Washington, DC, *Air Transport Facts and Figures*, annual. Data from Civil Aeronautics Board.

No. 1083. Large Air Traffic Hubs—Summary: 1984

[**In thousands, except number of airports.** For calendar year. Air traffic hubs are cities and standard metropolitan statistical areas requiring aviation services. A large hub is one which enplanes at least one percent of the total enplaned revenue passengers in all services and all operations of U.S. certificated route air carriers]

AREA OR HUB	Airports [1]	AIRCRAFT DEPARTURES			Revenue passengers enplaned	ENPLANED REVENUE TONS		
		Total [2]	Scheduled			Total [3]	Freight and express	U.S. mail
			Number	Completed				
Total, all areas	**677**	**5,449.5**	**5,498.4**	**5,374.1**	**344,831.7**	**4,968.4**	**3,579.2**	**1,371.8**
Total, 26 large hubs	40	3,227.1	3,247.9	3,182.5	238,443.7	3,200.3	2,197.8	1,000.4
Atlanta, GA	1	271.1	272.8	269.5	18,920.3	261.6	169.5	92.1
Boston, MA	1	96.5	97.4	94.9	8,702.9	130.3	99.1	30.9
Charlotte, NC	1	76.0	76.5	75.6	4,226.2	32.9	18.6	14.3
Chicago, IL	3	295.3	299.8	293.1	20,030.0	436.5	310.9	125.5
Dallas-Ft. Worth, TX	2	253.1	254.8	252.0	18,482.2	159.8	93.1	66.7
Denver, CO	1	170.8	173.5	169.7	12,812.7	108.8	63.9	44.9
Detroit/Ann Arbor, MI	2	99.4	96.8	94.9	5,357.2	99.9	74.7	25.2
Honolulu, HI	2	50.9	52.8	48.2	5,978.4	114.0	95.5	18.4
Houston, TX	2	139.7	141.4	139.3	9,198.6	53.6	36.7	16.9
Las Vegas, NV	1	59.1	58.9	58.3	4,322.8	7.2	4.3	3.0
Los Angeles/Burbank/Long Beach, CA	4	195.7	198.1	193.8	17,713.8	346.8	279.3	67.5
Miami/Ft. Lauderdale, FL	2	117.2	117.8	115.4	9,949.6	129.7	101.3	28.2
Minneapolis/St. Paul, MN	1	97.2	97.7	96.2	6,127.5	92.5	59.2	32.9
Newark, NJ	1	124.2	126.7	123.2	11,744.0	79.3	49.6	29.7
New York, NY	2	212.1	206.4	200.6	20,008.3	393.9	274.4	119.5
Orlando, FL	1	59.4	59.1	58.3	4,108.4	26.0	19.6	6.4
Philadelphia, PA/Camden, NJ	1	67.1	67.4	66.2	4,365.2	69.7	31.9	37.9
Phoenix, AZ	1	97.4	97.8	96.9	5,750.7	22.8	12.0	10.8
Pittsburgh, PA/Wheeling, WV	1	102.4	103.6	101.7	6,259.9	29.9	9.1	20.8
St. Louis, MO	1	131.1	132.4	129.7	7,946.0	76.4	33.1	43.4
Salt Lake City, UT	1	57.0	57.6	56.7	3,477.7	31.0	18.3	12.7
San Diego, CA	1	45.2	45.3	45.0	3,505.2	17.1	9.3	7.8
San Francisco/Oakland, CA	2	158.8	160.7	156.8	12,239.8	258.9	201.7	57.1
Seattle/Tacoma, WA	2	69.7	70.5	68.8	5,063.1	126.8	95.2	30.6
Tampa/St. Petersburg/Clearwater/Lakeland, FL	2	62.2	62.7	61.7	3,962.2	22.9	13.5	9.4
Washington, DC	2	118.8	119.3	116.4	8,191.1	71.9	24.0	47.8

[1] Airports serving area or hub. Airports certificated under Federal Aviation Regulation (FAR Part 139) served by scheduled and unscheduled air carriers. [2] Includes completed scheduled and unscheduled. [3] Includes foreign mail, not shown separately.

Source: U.S. Federal Aviation Administration, *Airport Activity Statistics*, annual.

No. 1084. Civil Flying—Summary: 1970 to 1984

[As of **Dec. 31** or for years ending **Dec. 31**, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series Q 604-623]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984
Airports in operation [1]	Number	11,261	13,251	14,746	15,161	15,476	15,831	16,029	16,075
Heliports	Number	790	1,524	2,108	2,336	2,507	2,712	2,918	2,980
Public	Number	4,260	4,573	4,761	4,814	4,798	4,805	4,812	4,806
Private	Number	7,001	8,678	9,985	10,347	10,678	11,026	11,217	11,269
Airports with runway lights	Number	3,554	4,171	4,631	4,738	4,795	4,844	4,878	4,889
Airports with paved runways	Number	3,805	4,865	5,618	5,833	5,626	6,223	5,441	6,529
Miles of Federal airways	1,000	324.7	403.9	408.5	411.1	415.1	366.2	364.4	364.8
Airport Improvement Program [2]	Mil. dol	50.5	339.9	624.2	639.0	442.6	407.1	721.5	733.3
Total civil aircraft	1,000	154.5	196.3	251.5	259.4	261.6	259.0	264.9	271.5
Active aircraft [3]	1,000	134.5	171.2	213.9	214.8	217.2	214.0	217.5	(NA)
Air carriers, total [4]	1,000	2.8	2.5	3.6	3.8	4.0	4.2	4.2	4.4
General aviation aircraft [5]	1,000	131.7	168.5	210.3	211.0	213.2	209.8	213.3	(NA)
Fixed-wing aircraft:									
Multi-engine	1,000	18.4	24.6	31.3	31.7	33.5	33.2	34.5	(NA)
Single-engine:									
4-place and over	1,000	64.6	82.6	106.0	107.9	108.0	106.5	107.2	(NA)
3-place and less	1,000	44.9	54.4	62.4	60.5	59.9	57.7	59.2	(NA)
Rotorcraft [6]	1,000	2.2	4.1	5.9	4.9	7.0	6.2	6.5	(NA)
Balloons, blimps, gliders, etc.	1,000	1.6	2.8	4.8	5.0	5.0	6.2	5.9	(NA)
Airman certificates held	1,000	1,023	1,052	1,192	1,221	1,163	1,154	1,151	1,170
Pilot [7]	1,000	733	728	815	827	764	733	718	722
Held by women	Percent	4.0	5.2	6.4	6.4	6.2	6.2	6.1	6.1
Airline transport	1,000	34	43	64	70	70	73	75	79
Commercial	1,000	187	189	182	183	169	165	159	155
Private	1,000	304	306	343	357	329	322	319	320
Student	1,000	196	177	210	200	180	156	147	150
Nonpilot [8]	1,000	290	324	377	393	398	421	433	447
Ground technicians [9]	1,000	241	271	307	321	336	352	365	376
General aviation: [6]									
Hours flown [10]	Million	26.0	32.0	43.3	41.0	40.7	36.5	35.2	(NA)
Fuel consumed: [11]									
Gasoline	Mil. gal	362	397	570	520	(NA)	448	428	(NA)
Jet fuel [12]	Mil. gal	415	510	736	766	(NA)	887	613	(NA)
Domestic air cargo, revenue ton-miles flown [13]	Million	2,581	3,049	3,794	3,579	3,660	3,472	3,989	4,309
Certificated route carriers:									
Scheduled service [14]	Million	2,215	2,747	3,466	3,277	3,350	3,039	3,385	3,553
Nonscheduled service [14]	Million	80	39	88	[15] 302	[15] 310	[15] 433	[15] 604	[15] 756
Supplemental carriers [15]	Million	285	263	240	([15])	([15])	([15])	([15])	([15])
Aircraft accidents: [17]									
General aviation [5]	Number	4,712	4,001	3,825	3,597	3,502	3,230	3,091	2,991
Fatal	Number	641	636	638	622	654	589	547	529
Rate per 100,000 aircraft hours flown	Rate	(NA)	2.20	1.65	1.71	1.84	1.84	1.76	1.73
Fatalities	Number	1,310	1,258	1,237	1,252	1,282	1,182	1,046	998
Air carrier [16]	Number	55	31	24	15	25	15	21	12
Fatal	Number	8	2	4	–	4	3	4	1
Rate per 1,000,000 aircraft miles flown	Rate	(NA)	.001	.001	–	.001	.001	.001	.0003
Fatalities	Number	146	122	351	–	4	233	15	4
Commuter air carriers [17]	Number	(NA)	48	52	38	31	27	17	21
Fatal	Number	(NA)	12	15	8	9	5	2	7
Rate per 1,000,000 aircraft miles flown	Rate	(NA)	.07	.08	.04	.05	.02	.01	.02
Fatalities	Number	(NA)	28	66	37	34	14	11	45
Air taxis [20]	Number	(NA)	152	160	170	157	135	144	140
Fatal	Number	(NA)	24	30	45	40	31	28	22
Rate per 100,000 aircraft hours flown	Rate	(NA)	.95	.81	1.24	1.38	.95	1.09	.66
Fatalities	Number	(NA)	69	77	103	94	72	62	51
Hijacking incidents, worldwide	Number	83	25	27	40	32	31	33	25
U.S.-registered aircraft	Number	27	12	13	22	8	10	18	5
Successful [21]	Number	18	4	6	13	2	4	13	4
Foreign-registered aircraft	Number	56	13	14	18	24	21	15	20
Successful [21]	Number	37	3	8	9	13	12	6	16

– Represents or rounds to zero. NA Not available. [1] Existing airports, heliports, seaplane bases, etc. recorded with FAA. Includes military airports with joint civil and military use. Includes U.S. outlying areas. Airport-type definitions: Public—publicly owned and under control of a public agency; private—owned by a private individual or corporation. May or may not be open for public use. [2] Fiscal year data. Does not include System Planning Grants. Includes U.S. outlying areas. 1970-1982 data are obligated Federal funds for the Airport Development Aid Program. 1983 and 1984 data are appropriated Federal funds under the Airport and Airway Improvement Act of 1982. [3] Registered aircraft that flew 1 or more hours during the year. [4] Includes helicopters.

[5] See text p. 615. [6] Includes autogyros; excludes air carrier helicopters. [7] Includes all active pilots. An active pilot is one with a pilot certificate and a valid medical certificate. Also includes pilots who hold only a helicopter, glider, or lighter than air certificate, not shown separately.

[8] Includes dispatchers, control tower operators, flight navigators and engineers, and ground technicians—mechanics, parachute riggers, and ground instructors. [9] No medical examinations are required, therefore, data represent all certificates on record and include retired or otherwise inactive technicians. [10] In 1980, the 41.0 million flight hours comprised 13.7 hours of business and executive flying, 11.5 hours of commercial flying (including air taxi, aerial applicator, rental aircraft), 5.7 hours of instructional flying, 8.9 hours of personal flying, and 1.0 hours of flying for other purposes. Detail does not add to total due to independent estimating technique. [11] Source: 1970 and 1975, U.S. Bureau of Mines; 1979-1983 FAA General Aviation Activity and Avionics Survey. [12] Includes kerosene-type and naphtha-type jet fuels. [13] Total domestic, includes freight and air express; excludes mail. [14] Includes civilian and military freight and other revenue ton-miles.

[15] Beginning 1980, supplementals included in nonscheduled service. [16] Civil and military. [17] Data from National Transportation Safety Board. [18] Beginning 1976, includes all scheduled service of U.S. Air Carriers operating under 14 CFR 121. [19] Beginning 1975, includes all scheduled service of U.S. Air Carriers operating under 14 CFR 135. [20] Beginning in 1975, includes all nonscheduled service of the U.S. Air Carriers operating under 14 CFR 135. [21] Hijacker controls flight and reaches destination or objective.

Source: U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual; and unpublished data. Includes data from U.S. Civil Aeronautics Board.

No. 1085. Airline Cost Indexes: 1970 to 1984

[Covers U.S. major and national service carriers. Major carriers have operating revenues of $1 billion or more; nationals have operating revenues from $75 million to $1 billion]

ITEM	INDEX (1972=100)								PERCENT OF CASH OPERATING EXPENSES [1]			
	1970	1975	1979	1980	1981	1982	1983	1984	1970	1975	1980	1984
Composite	**87.8**	**141.6**	**211.0**	**260.5**	**293.9**	**302.1**	**306.6**	**309.4**	**100.0**	**100.0**	**100.0**	**100.0**
Labor	82.9	129.6	191.8	211.5	233.0	250.7	259.5	269.4	46.3	41.2	35.6	34.9
Interest [2]	106.8	114.8	142.7	162.0	181.6	182.4	180.5	190.4	4.3	2.9	3.1	4.0
Fuel	94.2	250.8	494.9	770.8	893.1	842.6	762.8	729.2	12.7	19.1	30.3	24.1
Passenger food	95.1	119.8	136.5	153.0	164.9	162.9	169.4	175.4	3.9	3.4	2.9	3.2
Advertising and promotion	99.3	101.4	109.7	135.2	171.2	197.2	202.1	203.0	2.6	1.8	1.6	2.2
Landing fees	82.2	135.1	174.7	190.8	205.6	211.6	213.7	218.5	2.2	2.4	1.7	1.7
Passenger traffic commissions	80.4	154.0	229.2	318.6	395.7	409.4	436.6	479.9	2.9	3.8	5.3	7.6
All other	91.5	125.8	163.4	178.5	195.6	207.4	215.3	223.5	25.0	25.3	19.5	22.3

[1] Total operating expenses plus interest on long term debt, less depreciation and amortization. [2] Interest on debt.

Source: Air Transport Association of America, Washington, DC, *Air Transport, 1984*, annual; and unpublished data.

No. 1086. Commuter/Regional Airline Operations—Summary: 1975 to 1984

[Calendar year data. Commuter/regional airlines operate primarily aircraft of predominately 60 passengers or less and 18,000 pounds payload of cargo serving short haul and small community markets. Represents operations within all North America by U.S. regional carriers]

ITEM	Unit	1975	1978	1979	1980	1981	1982	1983	1984
Carriers	Number	235	252	258	237	277	245	218	221
Aircraft in service	Number	1,073	1,200	1,350	1,606	1,743	1,857	1,808	1,915
Airports served	Number	747	702	660	605	776	817	854	853
Revenue passengers enplaned	1,000	7,243	11,026	13,972	14,810	15,420	18,600	21,800	26,100
By 50 largest carriers	1,000	(NA)	8,422	11,349	12,167	13,000	16,328	14,293	21,916
Revenue passenger miles	Millions	733	1,279	1,724	1,917	2,090	2,610	3,240	4,170
Cargo pounds [1]	Millions	129	299	346	472	566	628	396	324

NA Not available. [1] Beginning 1983, excludes a major jet express package carrier.

Source: Regional Airline Association, Washington, DC, *Annual Report*.

No. 1087. U.S. Aircraft Shipments: 1970 to 1985

[Value in millions of dollars]

YEAR	TOTAL		CIVIL						MILITARY	
	Units	Value	Large transports [1]		General aviation [2]		Helicopters		Units	Value
			Units	Value	Units	Value	Units	Value		
1970	11,632	7,511	311	3,158	7,292	337	495	49	3,534	3,967
1971	11,161	6,593	223	2,580	7,466	322	453	69	3,019	3,622
1972	13,072	6,220	199	2,787	9,774	558	569	72	2,530	2,803
1973	16,539	8,176	274	3,873	13,646	828	768	113	1,851	3,362
1974	17,192	8,595	317	4,207	14,166	909	809	154	1,900	3,325
1975	16,918	9,355	285	4,006	14,056	1,033	838	266	1,739	4,050
1976	17,865	9,001	217	3,155	15,451	1,226	821	324	1,376	4,296
1977	19,392	9,092	159	2,672	16,904	1,488	984	352	1,345	4,580
1978	19,881	10,179	241	4,308	17,811	1,781	833	371	996	3,719
1979	19,302	15,028	376	8,030	17,048	2,165	1,041	403	837	4,430
1980	14,660	18,845	383	9,793	11,877	2,486	1,353	674	1,047	5,892
1981	11,860	20,157	388	9,731	9,457	2,920	953	636	1,062	6,870
1982	6,248	19,266	236	6,254	4,266	2,000	587	365	1,159	10,647
1983 [3]	4,394	25,232	262	8,493	2,691	1,470	401	269	1,040	15,000
1985 [4]	3,620	25,352	185	6,194	2,200	1,500	300	258	935	17,400
	3,793	32,103	293	10,218	2,310	1,700	320	285	870	19,900

[1] Capacity over 70 seats. [2] Includes aircraft kits for exports. [3] Estimated. [4] Forecast.

Source: U.S. Department of Commerce, International Trade Administration, *U.S. Industrial Outlook*, 1985.

No. 1088. Aerospace Industry—Summary: 1970 to 1985

[For calander year, except employment and earnings annual averages of monthly figures. Includes Standard Industrial Classification Codes 372 and 376. Industry shipments refer to the total value of all products shipped by establishments classified in that industry. Product shipments refer to the total value of specific products shipped, irrespective of how the establishments which made them are classified]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983 [1]	1984 [2]	1985 [3]
INDUSTRY DATA											
Value of shipments	Mil. dol.	24,496	29,055	37,451	48,279	58,483	64,837	68,158	77,074	80,050	(NA)
In 1972 dollars	Mil. dol.	26,255	22,207	22,276	25,992	27,899	27,523	26,684	29,200	28,228	32,524
Employment, total	1,000	791	586	586	682	721	732	707	696	714	739
Production workers	1,000	411	312	315	374	387	377	358	343	353	376
Average hourly earnings	Dol.	4.12	6.53	8.33	8.91	9.90	11.19	12.24	(NA)	(NA)	(NA)
Capital expenditures	Mil. dol.	475	478	948	1,550	1,923	2,005	2,216	(NA)	(NA)	(NA)
PRODUCT DATA											
Value of shipments	Mil. dol.	23,327	26,834	33,629	43,663	53,296	58,968	62,167	71,324	73,165	(NA)
In 1972 dollars	Mil. dol.	25,002	20,575	19,990	23,507	25,431	25,015	24,297	26,980	25,775	[4] 29,438
Shipments price index	1972=100	93.3	130.8	168.8	187.3	210.7	235.7	255.5	265.1	279.5	(NA)
TRADE DATA											
Value of imports	Mil. dol.	308	747	919	1,395	3,190	4,325	4,242	3,418	4,664	5,025
Value of exports	Mil. dol.	3,398	7,354	9,797	11,520	15,426	17,523	15,335	15,818	15,105	18,880

NA Not available. [1] Estimated except for shipments price index and trade data. [2] Estimated. [3] Forecast. [4] Estimated based on previous growth rate.

Source: U.S. Department of Commerce, International Trade Administration, *US Industrial Outlook, 1985.*

No. 1089. Aerospace—Sales, New Orders, and Backlog: 1970 to 1983

[Reported by establishments in which the principal business is the development and/or production of aerospace products]

ITEM	TOTAL (bil. dol.)						PERCENT U.S. GOVERNMENT					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Net sales	24.8	29.5	58.4	69.9	75.5	82.8	66.3	58.6	45.7	47.2	56.0	59.4
Complete aircraft and parts [1]	10.4	11.3	22.6	25.1	26.0	27.5	54.8	46.9	29.6	32.7	47.0	49.9
Aircraft engines and parts	3.1	3.4	6.9	8.5	7.6	8.6	61.5	47.0	(NA)	(NA)	(NA)	(NA)
Missiles and parts	5.4	6.3	8.4	9.7	12.0	12.7	96.9	93.7	(NA)	(NA)	(NA)	(NA)
Other products, services	5.9	8.5	20.5	26.6	29.9	34.0	(X)	(X)	(X)	(X)	(X)	(X)
Net, new orders	21.2	29.0	70.4	74.9	86.6	92.9	71.4	64.1	47.6	53.7	64.3	67.1
Backlog, Dec. 31	24.7	35.0	90.5	94.7	105.8	116.3	52.1	63.2	41.1	46.7	56.8	63.9

NA Not available. X Not applicable. [1] Except engines sold separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* series MQ-37D.

No. 1090. Aerospace Industry Sales, by Product Group and Customer: 1970 to 1984

[In billions of dollars. Due to reporting practices and tabulating methods, figures may differ from those in table 1089]

ITEM	CURRENT DOLLARS						CONSTANT (1972) DOLLARS [1]					
	1970	1975	1980	1982	1983	1984	1970	1975	1980	1982	1983	1984
Total sales	**25.6**	**29.7**	**54.7**	**67.8**	**80.0**	**83.5**	**27.4**	**23.5**	**26.4**	**26.6**	**28.9**	**27.8**
PRODUCT GROUP												
Aircraft, total	14.1	16.4	31.5	35.5	42.4	41.9	15.1	13.0	15.2	13.9	15.3	13.9
Civil [2]	4.4	6.5	16.3	11.0	12.4	10.7	4.7	5.1	7.9	4.3	4.5	3.6
Military	9.7	10.0	15.2	24.5	30.1	31.2	10.4	7.9	7.3	9.6	10.9	10.4
Missiles	4.1	3.8	6.5	10.4	10.3	11.3	4.4	3.0	3.1	4.1	3.7	3.8
Space	4.7	4.7	7.9	10.5	13.9	16.3	5.1	3.7	3.8	4.1	5.0	5.4
Related products and services [3]	2.6	4.8	8.8	11.4	13.3	13.9	2.8	3.8	4.3	4.5	4.8	4.6
CUSTOMER GROUP												
Aerospace, total	22.9	24.9	45.9	56.4	66.6	69.6	24.6	19.7	22.1	22.1	24.1	23.2
DOD [4]	14.6	13.1	22.8	34.0	41.6	46.0	15.7	10.4	11.0	13.3	15.0	15.3
NASA [5] and other agencies	3.0	2.8	4.1	4.9	5.9	6.1	3.2	2.2	2.0	1.9	2.1	2.0
Other customers [6]	5.3	8.9	19.0	17.5	19.2	17.5	5.6	7.1	9.2	6.8	6.9	5.8
Related products and services [3]	2.6	4.8	8.8	11.4	13.3	13.9	2.8	3.8	4.3	4.5	4.8	4.6

[1] Based on aerospace composite price deflator supplied by the U.S. International Trade Administration. [2] All civil sales of aircraft (domestic and export sales of jet transports, commuters, business and personal aircraft and helicopters). [3] Electronics, software, and ground support equipment, plus sales of non-aerospace products which are produced by aerospace-manufacturing establishments and which use technology, processes, and materials derived from aerospace products. [4] Department of Defense. [5] National Aeronautics and Space Administration. [6] Includes civil aircraft sales (see footnote 2), commercial space sales, all exports of military aircraft and missiles and related propulsion and parts.

Source: Aerospace Industries Association of America, Inc., Washington, DC, *Aerospace Facts and Figures, 1985/86.*

No. 1091. U.S. Exports of Aerospace Vehicles and Equipment: 1980 to 1985

ITEM	NUMBER OF UNITS					VALUE (mil. dol.)				
	1980	1982	1983	1984 [1]	1985 [2]	1980	1982	1983	1984 [1]	1985 [2]
Aerospace vehicles and equipment, total	(NA)	(NA)	(NA)	(NA)	(NA)	15,681	15,611	16,065	15,400	19,200
Civil aircraft, total	4,434	1,557	1,088	1,037	1,126	8,378	4,848	5,691	4,461	6,985
Under 10,000 lbs. empty weight, new	3,150	915	497	415	400	657	380	199	145	140
10,000–33,000 lbs. empty weight, new	28	25	22	20	20	83	137	157	140	135
Over 33,000 lbs. empty weight, new	237	121	129	82	141	6,849	3,834	4,683	3,511	5,950
Rotary wing, new	525	254	216	220	250	299	206	232	190	205
Other new aircraft, n.e.c. [3]	(NA)	(NA)	(NA)	(NA)	(NA)	5	74	122	150	175
Used, rebuilt, and converted	494	242	224	300	315	486	218	298	325	360
Military aircraft, total	502	637	936	400	450	949	2,388	1,845	1,550	1,840
Aircraft engines and parts, total	(NA)	(NA)	(NA)	(NA)	(NA)	1,887	2,539	2,736	3,080	3,335
Internal combustion and parts	(NA)	(NA)	(NA)	(NA)	(NA)	270	264	250	300	305
Military, new and used	110	251	139	100	95	4	4	10	16	17
Non-military, new	1,848	1,378	915	984	1,000	25	25	20	18	19
Non-military, used	1,365	1,150	863	1,142	1,000	17	17	16	19	19
Parts, n.e.c. [3]	(NA)	(NA)	(NA)	(NA)	(NA)	224	218	205	247	250
Turbines and parts	(NA)	(NA)	(NA)	(NA)	(NA)	1,616	2,275	2,486	2,780	3,030
Military, new or used	254	394	341	375	400	59	136	163	145	150
Non-military, new and used	1,393	1,743	1,440	1,352	1,400	514	721	914	1,115	1,280
Parts, n.e.c. [3]	(NA)	(NA)	(NA)	(NA)	(NA)	1,044	1,418	1,409	1,520	1,600
Missile engines and parts	(NA)	(NA)	(NA)	(NA)	(NA)	29	32	52	45	50
Propellers and parts	(NA)	(NA)	(NA)	(NA)	(NA)	57	43	43	40	40
Landing gear and parts	(NA)	(NA)	(NA)	(NA)	(NA)	92	74	58	115	110
Aircraft parts and accessories, n.e.c. [3]	(NA)	(NA)	(NA)	(NA)	(NA)	3,436	4,316	4,453	4,794	5,300
Guided missiles and space vehicles	(NA)	(NA)	(NA)	(NA)	(NA)	327	716	443	375	400
Flight simulators	(NA)	(NA)	(NA)	(NA)	(NA)	54	132	124	100	120
Space vehicle equipment, n.e.c. [3]	(NA)	(NA)	(NA)	(NA)	(NA)	392	385	499	645	840
Avionics	(NA)	(NA)	(NA)	(NA)	(NA)	80	137	122	195	200

NA Not available. [1] Estimated [2] Forecast. [3] N.e.c. means not elsewhere classified.

Source: U.S. Dept. of Commerce, International Trade Administration, *U.S. Industrial Outlook*, annual.

No. 1092. U.S. Receipts and Payments for International Transportation: 1970 to 1984

[**In millions of dollars.** Data are international transportation transactions recorded for balance of payment purposes (see table 1414). Receipts include freight on exports carried by U.S.-operated carriers and foreign carrier expenditures in U.S. ports. Payments include freight on imports carried by foreign carriers and U.S. carrier port expenditures abroad. Freight on exports carried by foreign carriers is excluded since such payments are directly or indirectly for foreign account. Similarly, freight on U.S. imports carried by U.S. carriers is a domestic rather than an international transaction. Minus sign (–) indicates excess of payments over receipts. See *Historical Statistics, Colonial Times to 1970*, series U 3 and U 10, for totals]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total receipts	3,669	6,879	8,456	9,739	12,127	14,208	15,671	15,491	15,676	16,822
Ocean transportation	2,256	4,065	4,906	5,587	6,868	7,757	8,028	7,685	8,182	8,831
Export freight earnings	604	1,183	1,339	1,621	2,091	2,841	2,803	2,549	2,934	2,711
Freight earnings on shipments between foreign countries	209	328	395	412	480	588	561	555	575	563
Port expenditures	1,406	2,481	3,137	3,511	4,235	4,435	4,552	4,468	4,558	5,430
Charter hire	37	73	35	43	62	93	112	113	115	127
Air transportation	1,240	2,515	3,190	3,772	4,811	5,946	7,160	7,326	7,023	7,518
Export freight earnings	187	390	426	507	577	742	752	762	576	645
Passenger fares	541	1,039	1,366	1,603	2,156	2,591	3,111	3,174	3,037	3,023
Port expenditures	512	1,086	1,398	1,662	2,078	2,613	3,297	3,390	3,410	3,850
Other transportation	173	299	360	380	448	505	483	480	471	473
Total payments	4,058	7,971	10,720	12,019	14,090	15,397	16,961	16,482	17,808	21,174
Ocean transportation	2,380	4,465	6,275	7,175	8,379	8,447	8,900	8,307	8,761	10,401
Import freight payments	1,444	3,047	4,611	5,295	6,084	5,809	6,073	5,562	5,895	7,581
Passenger fares	245	278	281	252	258	268	287	290	305	305
Port expenditures	316	755	1,051	1,255	1,607	1,905	2,054	1,957	2,049	1,987
Charter hire	375	385	352	373	430	465	486	498	512	528
Air transportation	1,581	3,346	4,206	4,600	5,448	6,705	7,785	7,938	8,808	10,516
Import freight payments	115	246	362	448	506	562	671	725	1,032	1,601
Passenger fares	970	1,985	2,487	2,644	2,926	3,339	4,200	4,482	5,179	6,203
Port expenditures	496	1,115	1,357	1,508	2,016	2,804	2,914	2,731	2,597	2,712
Other transportation	97	160	239	244	263	245	276	237	239	257
Receipts balance	–389	–1,092	–2,264	–2,280	–1,963	–1,189	–1,290	–991	–2,132	–4,352

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June issues.

No. 1093. Exports and Imports, by Method of Transport: 1960 to 1984

[Exports are free alongside ship (f.a.s.) value (see text, p. 792) for all years; imports are f.a.s. value for 1975 and 1980 and customs value for other years. Export data include both domestic and foreign; import data for general imports only. For details, see source]

ITEM	Unit	EXPORTS						IMPORTS					
		1960	1970	1975	1980	1983	1984	1960	1970	1975	1980	1983	1984
All methods [1]	Bil. dol.	20.6	43.2	107.6	220.7	200.5	217.9	14.7	40.0	96.9	240.8	258.0	325.7
Vessel	Bil. dol.	13.1	24.6	63.4	120.9	103.8	102.0	11.1	24.8	63.5	165.1	156.3	193.0
Air	Bil. dol.	(NA)	6.1	15.2	46.1	46.7	53.4	(NA)	3.4	8.9	28.0	37.8	52.3
Shipping weight: Vessel	Bil. lb	248.5	480.5	538.5	801.8	721.2	750.0	398.1	698.4	855.3	976.8	736.6	832.2
Air	Bil. lb	(NA)	.9	1.4	2.3	1.9	2.2	(NA)	.6	1.1	1.3	2.3	3.1

NA Not available. [1] Includes types other than vessel and air.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

No. 1094. Waterborne Commerce—Cargo Tonnage: 1960 to 1983

[**In millions of short tons.** Includes Puerto Rico and outlying areas. Import and export figures differ slightly from those shown in tables 1100 and 1101 due to minor differences in basic concepts. See source for details. See also *Historical Statistics, Colonial Times to 1970*, series Q 530-541]

CLASS	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983
Net total	1,100	1,532	1,695	1,908	2,021	2,074	1,999	1,941	1,777	1,708
Domestic commerce [1]	761	951	946	973	1,075	1,080	1,077	1,054	957	957
Coastwise, between ports	209	238	232	248	305	305	330	322	311	310
Great Lakes, between ports	155	157	129	109	143	144	115	115	72	73
Intra: Seaports, Great Lakes ports, and inland waterways ports	104	81	78	83	90	93	94	93	76	83
Ports and river ports [2]	292	474	507	532	538	539	539	524	498	490
Foreign commerce	339	581	749	935	946	993	922	887	820	751
Imports, through seaports	198	313	455	625	616	608	502	457	403	372
Imports, Great Lakes ports	13	26	21	33	27	25	16	20	14	16
Exports, through seaports	105	206	237	241	259	312	359	366	367	331
Exports, Great Lakes ports	23	36	35	36	44	49	45	43	36	32

[1] Includes traffic among ports of outlying areas. [2] Represents traffic mainly utilizing inland waterways.

No. 1095. Freight Carried on Inland Waterways, by System: 1960 to 1983

[**In billions of ton-miles.** Excludes Alaska and Hawaii, except as noted. Includes waterways, canals, and connecting channels]

SYSTEM	1960	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	220.3	318.6	354.9	342.2	372.9	368.3	409.3	424.6	406.9	410.2	351.2	359.0
Atlantic coast waterways	28.6	28.6	35.4	31.8	32.1	30.4	30.5	31.9	30.4	28.3	25.4	22.5
Gulf coast waterways	16.9	28.6	33.5	30.8	34.3	37.6	37.1	38.1	36.6	35.1	31.8	32.4
Pacific coast waterways [1]	6.0	8.4	10.3	9.7	11.3	12.8	13.6	14.1	14.9	14.4	12.8	13.2
Mississippi River system [2]	69.3	138.5	168.3	170.7	189.5	196.9	209.3	218.8	228.9	234.4	218.0	223.0
Great Lakes System [3]	99.5	114.5	107.5	99.2	105.6	90.7	118.9	121.7	96.0	98.0	63.2	68.0

[1] Includes Alaskan waterways. [2] Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers. [3] Does not include traffic between foreign ports.

Source of tables 1094 and 1095: U.S. Corps of Engineers, *Waterborne Commerce of the United States*, annual.

No. 1096. Federal Expenditures for Civil Functions of the Corps of Engineers, United States Army: 1960 to 1984

[**In millions of dollars. 1960-1975,** for fiscal years ending **June 30;** beginning **1977,** for fiscal years ending **Sept. 30.** These expenditures represent the work of the Corps of Engineers to plan, design, construct, operate, and maintain civil works projects and activities, particularly in the management and improvement of rivers, harbors, and waterways for navigation, flood control, and multiple purposes. The amounts listed below do not include the expenditure of funds contributed, advanced, or reimbursed by other government agencies or local interests. Includes Puerto Rico and outlying areas]

FISCAL YEAR	Total program [1]	Navigation	Flood control	Multiple purpose	FISCAL YEAR	Total program [1]	Navigation	Flood control	Multiple purpose
1960	873	310	293	270	1979	2,934	1,083	1,218	577
1965	1,169	426	447	283	1980	3,061	1,225	1,228	551
1970	1,128	398	379	331	1981	3,198	1,339	1,273	527
1975	2,070	694	904	439	1982	2,940	1,331	1,083	453
1976 [2]	2,787	898	1,228	617	1983	2,959	1,290	1,088	482
1977	2,340	792	918	594	1984	3,085	1,383	1,154	445
1978	2,645	951	1,069	583					

[1] Includes expenditures which are not associated with a specific purpose (e.g., headquarters staff supervision, management, and administration activities, and some research and development activities). [2] Includes the transition quarter (July–September 1976).

Source: U.S. Corps of Engineers, *Report of Civil Works Expenditures by State and Fiscal Year*, annual.

No. 1097. Freight Carried on Mississippi River System: 1960 to 1983

[Net traffic. Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**Mil. sh. tons**	**234**	**302**	**391**	**453**	**498**	**537**	**553**	**582**	**584**	**589**	**540**	**519**
Inland	Mil. sh. tons	188	238	297	330	346	352	355	371	366	366	347	352
Coastwise	Mil. sh. tons	22	28	44	30	26	30	32	33	42	45	35	39
Foreign:													
Imports	Mil. sh. tons	11	13	17	46	67	96	99	106	91	80	57	32
Exports	Mil. sh. tons	13	23	34	48	60	60	67	73	86	98	101	96
Total	**Bil. ton-miles**	**69.3**	**96.6**	**138.5**	**170.7**	**189.5**	**196.8**	**209.3**	**218.8**	**228.9**	**234.4**	**218.0**	**223.1**
Inland	Bil. ton-miles	62.4	87.4	125.9	151.3	164.8	166.9	176.5	184.4	193.5	199.0	187.9	198.7
Coastwise	Bil. ton-miles	3.2	3.6	4.9	4.5	4.1	4.8	5.4	5.7	7.4	7.7	6.2	6.7
Foreign:													
Imports	Bil. ton-miles	1.8	2.3	2.8	8.0	11.7	16.2	16.8	17.6	15.1	13.3	8.8	5.1
Exports	Bil. ton-miles	1.9	3.3	4.9	6.9	8.8	8.8	10.1	11.1	13.0	14.4	15.1	14.6

[1] Total reflects adjustment not available by type of traffic.

Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States*, annual.

No. 1098. U.S. Freight Carried on Great Lakes System: 1960 to 1983

[In billions of ton-miles]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**99.5**	**109.6**	**114.5**	**107.5**	**99.2**	**105.6**	**90.7**	**118.9**	**121.7**	**96.0**	**98.0**	**63.2**	**66.0**
Domestic	80.6	76.7	80.1	79.7	69.2	71.3	53.0	76.8	78.5	62.3	62.7	35.9	43.5
Lakewise	79.7	75.9	79.4	78.9	68.5	70.7	52.4	76.3	78.0	61.7	62.1	35.4	43.0
Internal	.7	.7	.6	.6	.6	.5	.4	.4	.4	.5	.5	.4	.4
Local [1]	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Foreign	18.9	32.9	34.3	27.8	29.9	34.3	37.7	42.1	43.1	33.7	35.3	27.3	24.3
Canadian	13.8	23.5	23.8	19.4	20.7	23.7	23.1	23.1	26.9	23.6	25.8	18.2	15.9
Overseas	5.1	9.4	10.5	8.4	9.3	10.7	14.7	19.0	16.2	10.1	9.5	9.1	8.4

[1] Includes coastwise traffic.

Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States*, annual.

No. 1099. Domestic and Foreign Waterborne Commerce, by Type of Commodity: 1970 to 1983

[**In millions of short tons.** Domestic trade includes all commercial movements between U.S. ports and on inland rivers, Great Lakes, canals, and connecting channels of U.S., Puerto Rico, and Virgin Islands. See also headnote, table 1094]

COMMODITY	1970		1975		1980		1983			
	Total	Domestic	Total	Domestic	Total	Domestic	Total	Domestic	Foreign	
									Imports	Exports
Net total	**1,531.7**	**950.7**	**1,695.0**	**946.3**	**1,998.9**	**1,077.5**	**1,707.7**	**956.5**	**387.8**	**363.3**
Petroleum products [1]	394.7	287.3	407.6	328.5	423.2	339.2	380.0	271.0	74.1	34.8
Gasoline	89.3	88.7	95.7	92.2	87.3	81.0	85.3	74.9	9.7	.5
Distillate fuel oil	78.8	76.9	93.4	87.0	74.6	72.1	65.2	52.6	8.4	4.2
Residual fuel oil	170.5	78.8	172.1	111.5	188.0	141.3	155.6	102.5	41.9	11.2
Crude petroleum	210.5	116.3	333.8	77.9	480.2	174.2	368.6	187.0	181.6	–
Coal and lignite	225.4	154.1	219.0	152.8	256.4	164.1	229.7	155.5	1.1	73.1
Nonmetallic minerals [1 2]	166.6	132.6	159.2	123.3	157.1	111.6	126.1	85.5	21.1	19.5
Sand and gravel [3]	78.4	73.9	72.4	67.9	65.1	60.8	53.1	49.0	3.0	1.1
Limestone	42.0	34.1	37.8	29.1	34.2	23.9	21.9	18.8	.6	2.5
Phosphate rock	16.6	5.8	20.1	9.4	23.7	9.5	17.4	5.4	–	12.0
Iron and concentrates	129.3	75.2	121.4	69.3	98.4	64.9	59.6	44.8	10.9	3.9
Farm products [1]	90.4	28.5	144.3	43.1	216.8	63.4	209.3	72.1	5.2	132.0
Corn	27.2	11.7	56.8	20.8	98.6	30.8	84.0	34.2	–	49.8
Wheat	25.0	5.8	44.4	10.4	53.4	14.3	57.2	15.1	–	42.1
Soybeans	21.2	8.3	23.2	9.4	39.6	16.1	46.0	19.3	–	26.7
Chemicals and allied products	62.0	39.7	66.5	40.0	91.9	49.4	91.5	47.1	18.7	25.7
Food and kindred products	35.0	11.0	35.5	13.3	54.8	20.4	57.2	20.9	12.3	24.0
Lumber and wood products [4]	49.9	27.3	48.2	24.7	52.0	22.7	42.0	16.2	4.3	21.5
Primary metal products	42.4	10.8	38.1	9.3	28.9	9.0	27.2	6.2	19.0	2.0
Waste and scrap	25.9	16.0	28.0	18.8	31.1	18.8	27.2	17.3	.8	9.1
Other	99.7	51.9	93.5	45.5	108.1	39.8	89.4	33.0	38.7	17.7

– Represents zero. [1] Includes categories not shown separately. [2] Excludes fuels. [3] Includes crushed rock. [4] Excludes furniture.

Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States*, annual.

No. 1100. Waterborne Imports and Exports—Cargo Tonnage, by Flag of Carrier Vessel: 1970 to 1984

[**In millions of short tons, except percent.** Excludes commodities classified for security reasons as "Special Category" (exports only) and exports by Dept. of Defense (grant-aid shipments), and merchandise shipped in transit through the U.S. See Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Q 524-529]

ITEM	DRY CARGO						TANKER CARGO					
	1970	1975	1980	1982	1983	1984	1970	1975	1980	1982	1983	1984
Total trade	**358**	**387**	**497**	**443**	**445**	**490**	**181**	**311**	**392**	**334**	**283**	**298**
Percent by U.S. flag	6.4	5.5	4.8	4.7	5.2	4.8	4.2	5.2	2.6	4.8	7.4	4.3
Imports, total	138	137	134	112	116	148	161	291	354	264	251	265
U.S. flag	10	10	10	9	10	10	6	13	9	14	20	11
Foreign flag	128	127	124	103	106	138	156	278	345	250	231	254
Exports, total	220	250	362	331	329	342	20	21	39	70	32	33
U.S. flag	13	11	14	12	13	12	2	3	1	2	1	1
Foreign flag	207	238	348	319	316	330	18	16	38	68	31	32

Source: U.S. Bureau of the Census, *U.S. Waterborne Exports and General Imports*, FT 985, annual; and unpublished data.

No. 1101. Waterborne Imports and Exports—Cargo Tonnage and Value, by Coastal District: 1970 to 1984

[Exports are free alongside ship (f.a.s.) value for all years; imports are f.a.s. value for 1975 and 1980 and customs value for other years see text, p. 792 Includes commodities classified for security reasons as "Special Category" (exports only) and exports by Dept. of Defense (grant-aid shipments), and merchandise shipped in transit through the U.S. See Appendix III]

DISTRICT	CARGO TONNAGE (mil. sh. tons)						VALUE (bil. dol.)					
	1970	1975	1980	1982	1983	1984	1970	1975	1980	1982	1983	1984
Imports:												
Atlantic	219	232	183	172	171	197	15.0	34.7	71.5	72.2	75.5	92.6
Gulf	47	134	243	160	140	155	2.9	14.3	56.4	40.8	32.5	35.7
Pacific	31	64	56	38	44	47	5.5	15.2	45.0	48.2	53.9	70.6
Great Lakes	26	22	16	14	16	18	1.3	1.7	1.9	2.0	2.0	2.7
Exports:												
Atlantic	79	80	117	119	87	82	11.9	28.7	51.0	50.2	41.2	37.5
Gulf	78	106	163	172	164	167	6.9	21.4	41.5	41.0	36.0	37.3
Pacific	48	49	78	74	78	86	4.1	10.0	25.2	25.5	25.1	27.2
Great Lakes	36	35	45	36	32	41	1.4	2.8	4.6	3.2	2.6	3.4

Source: U.S. Bureau of the Census, *U.S. Waterborne Exports and General Imports, FT 985, annual.*

No. 1102. Containerized Cargo—Tonnage and Twenty-Foot Equivalent Units (TEU's), by Selected U.S. Ports: 1982 and 1983

[Based on reports filed for any vessel of 1,000 or more gross registered tonnage carrying 25 or more 8x8x20 foot TEU cargo container/trailer units]

PORT	LONG TONS (1,000)						TEU'S (1,000)					
	Total		Import		Export		Total		Import		Export	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
Total [1]	**37,330**	**39,922**	**17,390**	**20,614**	**19,940**	**19,308**	**3,946**	**4,147**	**1,952**	**2,274**	**1,994**	**1,873**
New York	7,186	7,676	4,350	5,314	2,836	2,362	757	777	463	549	294	228
Los Angeles	3,605	4,267	1,615	2,118	1,990	2,149	404	472	211	267	193	205
Oakland	3,259	2,686	1,004	1,030	2,255	1,656	388	298	142	133	246	165
Seattle	3,195	3,687	1,485	1,725	1,710	1,962	369	426	217	250	152	176
Long Beach	3,088	3,871	1,798	2,557	1,290	1,314	364	450	242	327	122	123
Baltimore	2,454	2,719	1,038	1,363	1,416	1,356	246	265	100	129	146	136
Norfolk	1,714	1,503	516	541	1,198	962	176	144	51	51	127	93
Houston	1,705	1,582	800	744	905	838	146	126	60	59	86	67
Charleston	1,299	1,518	439	599	860	919	140	153	46	62	94	91
Miami	1,316	1,154	438	530	878	624	130	105	42	48	88	57
Savannah	901	1,147	394	531	507	616	107	128	52	67	55	61
San Francisco	1,011	840	277	252	734	588	93	81	25	24	68	57
New Orleans	1,024	961	469	475	555	486	92	78	37	38	55	40
San Juan	694	599	316	247	378	352	84	70	37	25	47	45
Philadelphia	874	708	655	536	219	172	75	62	51	43	24	19
Portland, Oregon	485	695	106	184	379	511	41	56	11	17	30	39

[1] Includes other ports, not shown separately.

Source: U.S. Maritime Administration, *Containerized Cargo Statistics*, annual.

No. 1103. Vessels Entered and Cleared in Foreign Trade—Net Registered Tonnage, by Flag of Carrier Vessel: 1961 to 1984

[**In millions of net tons, except as indicated.** Includes Puerto Rico and Virgin Islands. Seaports comprise all ports except Great Lakes ports. See also *Historical Statistics, Colonial Times to 1970*, series Q 507–517]

Yearly average or year	All ports					Seaports					
		Tonnage, all vessels				Tonnage, all vessels			Tonnage, with cargo		
	Number of vessels	Total	U.S.	Percent U.S.	Foreign	Total	U.S.	Foreign	Total	U.S.	Foreign
Entered:											
1961–1965	49,670	188	33	17.9	155	166	30	136	128	19	109
1966–1970	53,459	232	29	12.5	203	206	27	180	157	18	139
1971–1975	53,760	319	30	9.5	290	292	28	264	220	24	196
1976–1980	53,700	458	40	8.7	418	425	38	387	316	30	286
1970	53,293	254	26	10.3	228	227	24	202	171	19	152
1975	51,443	355	32	9.9	323	326	30	297	240	26	215
1980	53,645	492	52	10.6	440	460	50	410	310	34	276
1981	52,788	470	56	11.9	414	439	54	385	294	39	255
1982	47,940	438	59	13.5	379	412	57	355	255	36	219
1983	47,144	442	62	14.0	380	416	60	355	262	39	223
1984	49,239	459	53	11.5	406	429	51	378	291	33	258
Cleared:											
1961–1965	48,098	189	34	17.9	155	168	30	137	96	20	76
1966–1970	52,415	232	30	12.8	202	206	27	179	122	23	99
1971–1975	53,039	324	31	9.9	293	296	29	267	149	21	127
1976–1980	52,931	453	41	9.1	412	420	38	382	203	26	177
1970	52,195	253	27	10.6	226	226	25	201	132	20	112
1975	51,017	363	34	10.3	329	334	31	303	168	23	144
1980	52,928	487	54	11.1	433	456	51	405	246	33	213
1981	52,637	477	56	11.7	420	446	54	392	251	33	218
1982	48,409	448	60	13.4	388	421	58	363	257	35	222
1983	47,499	449	62	13.8	387	423	60	363	247	36	211
1984	49,819	468	54	11.5	414	438	51	387	250	32	218

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States;* thereafter, *Vessel Entrances and Clearances*, FT 975, annual.

No. 1104. Vessels Entered and Cleared in Foreign Trade—Net Registered Tonnage, by Coastal Districts: 1970 to 1984

[**In millions of net tons.** Excludes domestic trade. Virgin Islands and Puerto Rico included in South Atlantic Coast, Hawaii in South Pacific Coast, Alaska in North Pacific Coast]

Coastal district	Vessels entered						Vessels cleared					
	1970	1975	1980	1982	1983	1984	1970	1975	1980	1982	1983	1984
North Atlantic Coast	102.1	114.2	118.6	109.9	107.2	116.2	99.9	116.6	115.2	104.5	101.2	107.0
With cargo	85.4	92.3	82.1	75.5	80.7	93.4	43.7	50.6	57.8	54.5	44.6	47.1
South Atlantic Coast	36.1	48.0	65.3	59.9	60.5	63.8	31.3	46.0	60.1	57.0	59.3	62.7
With cargo	27.1	33.8	41.9	37.3	38.3	42.7	11.9	14.3	22.4	24.6	23.7	24.6
Gulf Coast	36.1	89.1	172.7	145.2	141.3	138.5	42.8	96.1	175.0	148.6	143.9	144.6
With cargo	23.0	60.8	122.8	89.9	85.7	91.5	36.8	54.2	85.0	83.9	79.8	79.1
South Pacific Coast	27.5	38.4	53.3	55.5	59.6	60.9	27.7	41.2	45.1	55.5	55.2	58.8
With cargo	21.8	32.4	36.0	33.6	36.8	41.0	20.9	24.0	31.7	47.1	45.1	44.9
North Pacific Coast	24.9	36.8	50.6	41.5	46.9	49.5	24.3	33.8	60.3	55.9	63.2	64.8
With cargo	13.6	21.1	26.6	18.9	20.7	22.1	19.0	24.5	49.0	47.5	53.8	54.7
Great Lakes	27.5	28.8	31.1	26.0	26.1	30.1	27.2	29.4	31.5	26.2	26.6	30.0
With cargo	15.2	14.0	11.3	9.6	11.5	13.5	20.2	21.2	23.7	20.7	20.0	23.1

Source: U.S. Bureau of the Census, *Vessel Entrances and Clearances*, FT 975, annual.

No. 1105. Domestic Merchant Vessels Completed by U.S. Shipyards: 1960 to 1984

[**Vessels of 1,000 gross tons and over.** See also *Historical Statistics, Colonial Times to 1970*, series Q 436–448]

Item	Unit	1960	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Merchant vessels	Number	26	13	15	16	17	14	15	10	12	11	13	5
Gross tons	1,000	410	342	452	615	884	912	1,149	375	275	337	376	118
Cargo	Number	15	6	3	4	2	2	4	6	2	6	6	-
Gross tons	1,000	134	120	65	57	25	27	53	105	53	221	228	-
Deadweight tons	1,000	163	134	71	76	37	30	47	114	73	219	219	-
Tankers	Number	11	7	12	12	15	12	11	4	10	5	7	5
Gross tons	1,000	276	222	387	558	859	885	1,096	270	222	116	148	118
Deadweight tons	1,000	456	427	742	1,176	1,585	1,392	1,901	354	358	226	277	210

- Represents zero

Source: 1960, American Bureau of Shipping, New York, NY, annually in *The Bulletin;* thereafter, U.S. Maritime Administration, *New Ship Construction*, annual.

No. 1106. United States Flag Merchant Vessels—Number and Tons Carried: 1970 to 1984

[**Deadweight tonnage in thousands.** As of **June 30** except, beginning **1980**, as of **Sept. 30**. Covers oceangoing vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types such as tugs, barges, cable ships, fishing trawlers, and vessels employed on Great Lakes. See also *Historical Statistics, Colonial Times to 1970*, series Q 487-502]

ITEM	CARGO [1]						TANKER					
	1970	1975	1980	1982	1983	1984	1970	1975	1980	1982	1983	1984
Number of vessels	**1,479**	**612**	**553**	**524**	**517**	**477**	**301**	**279**	**310**	**304**	**302**	**272**
Active:												
Foreign trade	354	228	195	171	141	122	32	39	32	26	43	38
Domestic trade [2]	70	49	46	42	40	41	175	156	211	182	164	142
Coastwise	10	17	12	7	8	5	132	136	103	77	72	25
Noncontiguous	43	29	34	32	30	30	35	12	45	39	29	47
Special service	146	34	44	37	45	38	42	26	23	38	27	27
Inactive:												
Temporarily	41	38	31	45	60	58	22	31	24	47	58	51
Reserve fleet	868	263	237	229	231	218	30	27	20	11	10	14
Tons carried	**15,445**	**8,175**	**7,872**	**7,597**	**7,991**	**7,876**	**7,835**	**9,433**	**16,107**	**16,511**	**16,746**	**16,089**
Active:												
Foreign trade	4,699	3,901	3,826	3,426	3,281	3,108	1,076	2,303	2,793	1,715	2,419	2,324
Domestic trade [2]	850	832	713	651	660	813	4,518	4,855	10,546	10,657	9,675	8,793
Coastwise	116	354	200	91	161	148	3,483	4,299	3,078	2,285	2,456	1,170
Noncontiguous	482	424	479	496	457	481	870	339	3,699	3,572	2,189	4,783
Special service	1,741	459	560	520	673	587	1,189	755	661	1,454	845	834
Inactive:												
Temporarily	472	541	451	644	931	913	691	1,173	1,806	2,492	3,608	3,823
Reserve fleet	7,684	2,442	2,322	2,356	2,446	2,455	361	347	301	193	199	315

[1] Includes combination passenger and cargo vessels, not shown separately. [2] Includes intercoastal, not shown separately.

Source: U.S. Maritime Administration, *Employment Report of the United States Flag Merchant Fleet Ocean-going Vessels 1,000 Gross Tons and Over*, annual.

No. 1107. Private Shipyards—Summary: 1970 to 1985

[**For calendar year, unless noted.** See also *Historical Statistics, Colonial Times to 1970*, series Q 449-458 and series Q 467-472]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985
Employment	1,000	133.4	166.9	174.1	171.0	177.3	178.9	166.9	143.0	142.0	[1] 140.0
Production workers	1,000	108.5	133.4	138.4	136.7	141.8	142.2	130.8	112.0	111.0	[1] 109.0
Value of work done	Mil. dol	2,682	5,615	6,943	7,739	9,269	11,001	10,979	9,883	8,944	(NA)
On ships only	Mil. dol	2,594	5,513	6,688	7,466	8,889	10,690	10,655	9,107	8,308	(NA)
Value added	Mil. dol	1,616	2,923	4,107	4,587	5,338	6,304	6,386	5,752	5,206	(NA)
Building activity:											
Merchant vessels: [2]											
Under construction [3]	Number	49	96	60	70	69	49	35	21	10	10
Ordered	Number	13	14	30	21	7	9	3	4	5	(NA)
Delivered	Number	13	19	19	21	23	22	17	15	5	(NA)
Cancelled	Number	–	12	1	1	4	1	–	–	–	(NA)
Under contract [4]	Number	49	79	70	69	49	35	21	10	10	(NA)
Naval vessels: [2]											
Under construction [3]	Number	108	63	91	102	99	91	93	105	111	100
Ordered	Number	6	16	25	13	11	28	30	27	11	(NA)
Delivered	Number	32	3	14	16	19	26	18	21	22	(NA)
Under contract [4]	Number	82	76	102	99	91	93	105	111	100	(NA)
Repairs/conversions:											
Commercial ships	Mil. dol	431	688	808	998	1,335	1,568	1,592	1,003	913	(NA)
Naval ships	Mil. dol	359	554	911	969	1,134	1,251	1,571	1,819	1,909	(NA)
Unfinished work: [3]											
Commercial ships	Mil. dol	765	4,350	2,120	1,940	2,070	1,000	838	372	100	450
Naval ships	Mil. dol	1,719	5,424	6,332	7,338	7,107	6,760	8,025	12,200	14,003	11,754

– Represents zero. NA Not available. [1] Estimate as of July. [2] Vessels of 1,000 tons or larger. [3] As of Jan. 1. [4] As of Dec. 31.

Source: Shipbuilders Council of America, Washington, DC, *Annual Report*.

No. 1108. Employees in Government and Private Shipyards: 1960 to 1984

[**In thousands.** Annual average employment in establishments primarily engaged in building and repairing all types of ships, barges, canal boats, and lighters of 5 gross tons and over, whether propelled by sail or motor power or towed by other craft. Includes all full- and part-time employees]

YEAR	Total	Private yards	Navy yards	YEAR	Total	Private yards	Navy yards	YEAR	Total	Private yards	Navy yards
1960	208	112	96	1975	217	154	65	1980	251	178	73
1970	216	134	83	1976	233	168	65	1981	264	187	77
1972	216	146	70	1977	242	174	68	1982	252	172	80
1973	214	149	65	1978	243	172	71	1983	227	143	84
1975	225	161	64	1979	244	173	71	1984	231	148	83

Source: U.S. Bureau of Labor Statistics, unpublished data. (Data for private yards published monthly in *Employment and Earnings.*)

No. 1109. Employment on U.S. Flag Merchant Vessels, 1970 to 1984, and Basic Monthly (January) Wage Scale for Ablebodied Seamen, 1970 to 1985

[**Employment in thousands.** See also *Historical Statistics, Colonial Times to 1970,* series Q 414–416]

YEAR	Employment [1]	YEAR	Employment [1]	YEAR	East coast wage rate [2]	West coast wage rate [2]	YEAR	East coast wage rate [2]	West coast wage rate [2]
1970	37.6	1980	19.6	1970	$470	$652	1980	$967	$1,414
1975	20.5	1981	18.3	1975	612	900	1981	1,120	1,535
1977	20.9	1982	16.7	1976	688	1,001	1982	1,204	1,686
1978	19.9	1983	15.3	1977	737	1,072	1983	1,320	1,862
1979	19.7	1984	13.7	1978	804	1,172	1984	1,419	2,029
				1979	865	1,267	1985	1,419	2,029

[1] As of June 30, except beginning 1978, as of Sept. 30. Estimates of personnel employed on merchant ships, 1,000 gross tons and over. Excludes vessels on inland waterways, Great Lakes, and those owned by, or operated for, U.S. Army and Navy, and special types such as cable ships, tugs, etc. [2] Basic monthly wage, over and above subsistence (board and room); excludes overtime and fringe pay benefits. West coast incorporates extra pay for Saturdays and Sundays at sea into base wages but east coast does not.

Source: U.S. Maritime Administration, unpublished data.

No. 1110. Worldwide Tanker Casualties: 1975 to 1985

[Data for 1975–1982 covers tankers, ore/oil carriers and bulk/oil vessels of 6,000 deadweight tons and over; beginning 1983, 10,000 deadweight tons and over; excludes liquid gas carriers. Incident is counted in the year it is reported. Based on data from "Lloyd's List" published by Lloyd's of London. "Casualties" include weather damage, strandings, collisions and other contact, fires and explosions, machinery damage, and other mishaps]

ITEM	Unit	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985 [1]
Total losses [2]	Number	22	20	20	17	26	15	21	21	11	14	5
Deaths	Number	90	226	113	148	306	132	73	72	14	68	4
Oil spills	Number	45	29	49	35	65	32	33	9	17	15	2
Amount	1,000 tons	188.0	204.2	213.1	260.5	723.5	135.6	45.3	1.8	387.8	22.4	3.0

[1] Jan.–March. [2] Excludes losses due to hostilities.

Source: Tanker Advisory Center, Inc., New York, NY, "Worldwide Tanker Casualty Returns," quarterly.

No. 1111. Merchant Vessels—World and United States: 1960 to 1984

[**Vessels of 100 gross tons and over.** Excludes sailing ships, nonpropelled craft, and all ships built of wood. See also *Historical Statistics, Colonial Times to 1970,* series Q 473–480]

YEAR	WORLD: COMPLETED		WORLD: OWNED		U.S.: COMPLETED		U.S.: OWNED	
	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)
1960	2,005	8,382	36,311	129,770	49	379	4,059	24,837
1965	2,202	11,763	41,865	160,392	116	218	3,416	21,527
1970	2,814	20,980	52,444	227,490	156	375	2,983	18,463
1979	2,466	14,289	71,129	413,021	182	1,352	5,068	17,542
1980	2,412	13,101	73,882	419,911	205	555	5,579	18,464
1981	2,269	16,932	73,864	420,835	223	360	5,869	18,908
1982	2,312	16,820	75,151	424,742	204	216	6,133	19,111
1983	2,276	15,911	76,106	422,590	159	381	6,437	19,358
1984	2,210	18,334	76,068	418,682	73	84	6,441	19,292

Source: Lloyd's Register of Shipping, London, England, *Statistical Tables,* annual; and *Annual Summary of Merchant Ships Completed in the World.*

No. 1112. Merchant Vessels—Ships and Tonnage Lost Worldwide, by Type of Ship: 1980 to 1983

[**For merchant vessels of 100 gross tons or more.** Excludes ships which have been declared constructive losses but have undergone repair during the year. Loss counted in the year the casualty is declared, as opposed to the year it is reported]

TYPE OF SHIP	SHIPS LOST					GROSS TONNAGE LOST (1,000)				
	1980	1981	1982	1983		1980	1981	1982	1983	
				Total	Percent of total				Total	Percent of total
Total [1]	**387**	**359**	**402**	**340**	**100.0**	**1,804**	**1,238**	**1,632**	**1,473**	**100.0**
Tankers	24	22	26	18	5.3	707	293	609	487	33.1
Ore/bulk carriers [2]	21	16	17	26	7.7	458	307	288	410	27.8
General cargo	211	217	212	191	56.2	478	533	610	511	34.7
Passenger [3]	9	3	2	2	.6	112	17	5	5	.3
Fishing	96	65	96	71	20.9	30	19	34	21	1.4

[1] Includes types not shown separately. [2] Includes ore/bulk/oil carriers. [3] Includes cargo-passenger ships.

Source: Lloyd's Register of Shipping, London, England, *Casualty Return*, annual.

No. 1113. Merchant Fleets of the World: 1970 to 1983

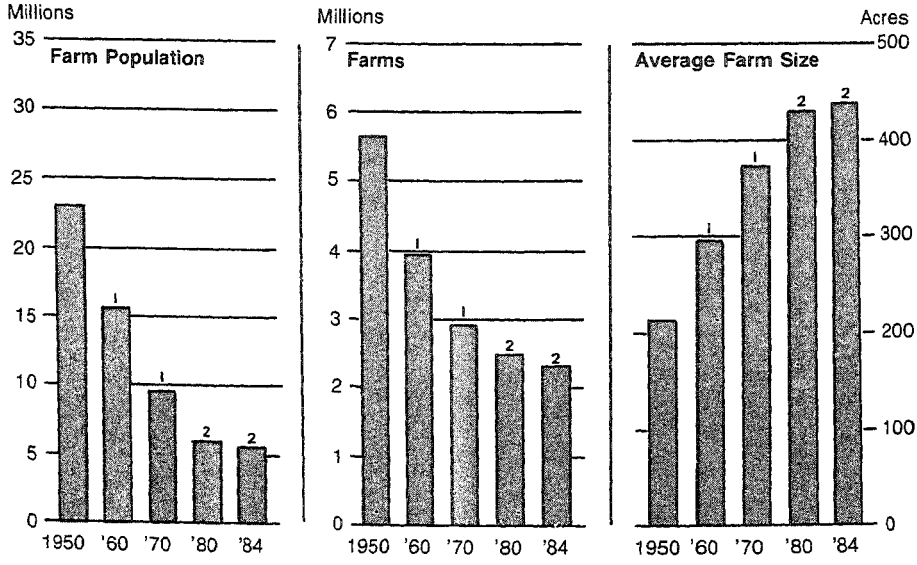
[**Vessels of 1,000 gross tons and over. 1970–1975** as of **Dec. 31.** Beginning **1980,** as of **Jan. 1** of the following year. Specified countries have 100 or more ships]

YEAR AND COUNTRY OF REGISTRY, **1983**	TOTAL		PASSENGER/ CARGO COMB.		FREIGHTERS		BULK CARRIERS [1]		TANKERS	
	Number	Avg. age (yr.)	Number	Avg. age (yr.)	Number	Avg. age (yr.)	Number	Avg. age (yr.)	Number	Avg. age (yr.)
1970, world total	**19,980**	**13**	**895**	**21**	**11,899**	**13**	**2,954**	**8**	**4,232**	**11**
United States	1,579	22	171	25	1,076	23	38	25	294	19
Foreign	18,401	12	724	20	10,823	13	2,916	8	3,938	10
1975, world total	**22,872**	**12**	**714**	**21**	**12,575**	**13**	**4,272**	**9**	**5,311**	**11**
United States	857	21	60	29	511	21	19	25	267	19
Foreign	22,015	12	654	21	12,064	13	4,253	9	5,044	11
1980, world total	**24,867**	**13**	**468**	**24**	**14,242**	**14**	**4,798**	**10**	**5,359**	**12**
United States	864	23	65	34	471	23	20	22	308	20
Foreign	24,003	13	403	22	13,771	13	4,778	10	5,051	11
1983, world total	**25,579**	**13**	**379**	**24**	**14,268**	**14**	**5,384**	**11**	**5,548**	**12**
United States	788	23	38	35	437	25	24	13	289	19
Privately owned	538	17	7	25	233	17	24	13	274	17
Government-owned	250	35	31	38	204	34	-	-	15	37
Foreign	24,791	13	341	23	13,831	14	5,360	11	5,259	12
Argentina	195	18	1	32	103	16	19	16	72	21
Brazil	344	13	4	35	192	16	76	5	72	13
British Colonies	309	11	2	21	141	14	139	8	27	14
Bulgaria	114	12	4	9	50	14	43	10	17	15
Canada	105	20	6	26	32	19	20	20	47	20
China: Mainland	861	16	10	25	599	17	138	13	114	14
Taiwan	166	12	1	12	98	13	51	12	16	13
Cyprus	480	18	3	32	356	19	63	16	58	12
Denmark	261	7	3	19	162	7	17	6	79	8
Egypt	108	17	12	27	80	14	3	10	13	26
Finland	156	10	3	8	75	11	35	8	43	10
France	314	10	5	13	161	9	49	8	99	11
German Dem. Rep.	158	12	2	29	131	12	20	17	5	9
Germany, Fed. Rep. of	437	7	5	4	314	7	30	7	88	6
Greece	2,454	16	43	31	1,110	18	920	13	381	17
India	375	13	7	18	208	14	118	12	42	9
Indonesia	317	16	10	23	237	17	13	10	57	13
Italy	601	16	14	24	233	16	123	15	231	17
Japan	1,712	7	5	10	692	7	490	8	525	6
Korea, Rep. of	499	12	-	-	256	13	170	11	73	12
Lebanon	118	23	-	-	110	23	5	20	3	26
Liberia	2,019	10	8	22	449	10	810	10	752	10
Malaysia	139	15	3	33	93	17	17	6	26	8
Malta	119	22	2	50	92	22	22	17	3	14
Netherlands	448	8	4	19	350	7	29	7	65	12
Norway	529	8	21	17	125	7	135	7	248	7
Panama	3,290	14	30	31	2,100	15	730	11	430	12
Philippines	301	16	14	22	177	17	70	10	40	21
Poland	306	12	4	19	209	13	82	11	11	8
Romania	242	8	1	45	179	8	54	8	8	9
Saudi Arabia	230	18	3	22	127	20	23	16	77	14
Singapore	556	14	4	20	364	16	85	9	103	11
Soviet Union	2,497	15	46	22	1,804	15	192	10	455	15
Spain	511	9	1	54	323	8	75	8	112	12
Sweden	216	9	4	16	119	9	22	9	71	9
Turkey	260	12	7	31	162	11	47	12	44	12
United Kingdom	685	10	10	17	250	10	138	9	287	11
Yugoslavia	263	15	4	21	197	16	52	12	10	15
All others	2,096	14	35	19	1,371	15	235	10	455	12

- Represents zero. [1] Includes bulk/oil, ore/oil, and ore/bulk/oil carriers.

Source: U.S. Maritime Administration, *A Statistical Analysis of the World's Merchant Fleets*, annual.

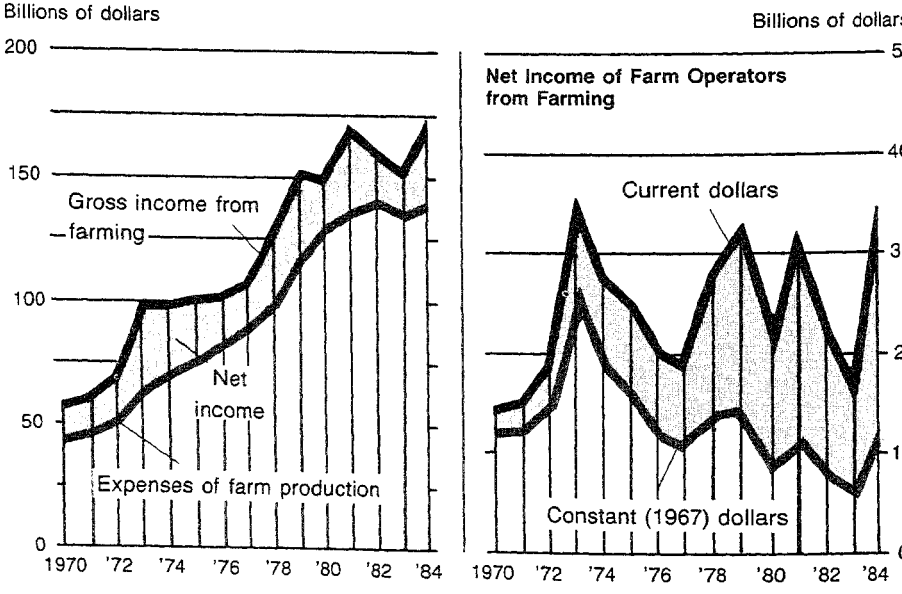
Figure 24.1
Changes in Farming: 1950 to 1984



[1] 1969 definition. [2] 1974 definition.

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1115 and 1120.

Figure 24.2
Farm Income and Expenses: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1144.

1986

Section 24

Agriculture

This section presents statistics on farms and farm population; land use and irrigation; farm cooperatives; farm income, expenditures, and debt; farm output, productivity, and marketings; foreign trade in agricultural products; specific crops; and livestock, poultry, and their products.

The principal sources of these data are the reports issued by the U.S. Bureau of the Census and by the Statistical Reporting Service (SRS) and the Economic Research Service (ERS) of the U.S. Department of Agriculture. The Bureau of the Census has taken a census of agriculture every 10 years from 1840 to 1920 and every 5 years from 1925 through 1974. Two 4-year censuses, taken for 1978 and 1982, adjusted the data reference year to coincide with the economic censuses for 1982. The 1982 Census of Agriculture is the most recent census for which reports are presently available. The Department of Agriculture publishes annually *Agricultural Statistics,* a general reference book on agricultural production, supplies, consumption, facilities, costs, and returns. The Economic Research Service publishes a series of annual reports, *Economic Indicators of the Farm Sector.* This series comprises five reports: *National Financial Summary* (prior to 1985, *Income and Balance Sheet Statistics), State Financial Summary* (prior to 1985, *State Income and Balance Sheet Statistics), Production and Efficiency Statistics, Costs of Production,* and *Farm Sector Review.* Situation reports issued periodically by the ERS present current data on a variety of crops. Sources of current data on agricultural exports and imports include *Foreign Agricultural Trade of the United States,* published by the ERS, and the reports of the Bureau of the Census, particularly *U.S. General Imports, Schedule A, Commodity by Country,* and *U.S. Exports, Schedule B, Commodity by Country.*

Agricultural statistics have been issued by the Department of Agriculture for over 100 years. The 44 field offices of the SRS collect data on crops, livestock products, agricultural prices, farm employment, and other related subjects mainly through sample surveys. Information is obtained on some 75 crops and 50 livestock items as well as scores of items pertaining to agricultural production and marketing. State estimates and supporting information are sent to the Crop Reporting Board of SRS which reviews the estimates and issues reports containing State and national data. Among these reports are two annual summaries, *Crop Production* and *Crop Values.*

Farms and farmland.—Over time, the Bureau of the Census has used varying definitions of a farm. Data shown from the census of agriculture reflect the changes in definition since figures are presented for "farms" as defined during the years indicated. For the Census of Agriculture for 1974, 1978, and 1982, a farm was defined as any place from which $1,000 or more of agricultural products were sold, or would have been sold during the census year. Control may have been exercised through ownership or management, or through a lease, rental, or cropping arrangement. In the case of landowners who had one or more tenants, or renters, the land operated by each was counted as a separate farm. The effect of the change in definition must be considered when comparing farms in the 1974, 1978, and 1982 censuses with those in previous censuses. In the 1969 census, as well as the 1959 and 1964 censuses, places of less than 10 acres were counted as farms if estimated sales of agricultural products for the year amounted to at least $250, and places of 10 or more acres if such sales amounted to at least $50. In the 1950 and 1954 censuses, places of 3 or more acres were counted as farms if the annual value of agricultural products, exclusive of homegarden products, amounted to $150 or more; places of less than 3 acres were counted as farms only if the annual sales amounted to $150 or more.

Unless otherwise stated in the specific tables of this section, the definition of a farm applicable to data originated by the Department of Agriculture is the one used by the Bureau of the Census for the agriculture census immediately preceding the year or years for which the data are shown.

Farmland refers to all land under the control of a farm operator, including land not actually under cultivation or not used for pasture or grazing. Rent-free land was included as part of the farm only if the operator had sole use of it. Land used for pasture or grazing on a per head basis that was neither owned nor leased by a farm operator is not included except for grazing lands controlled by grazing associations leased on a per acre basis.

State totals for 1982 are not directly comparable with totals for 1978 or earlier censuses because of changes in the procedures of collecting data. For details, see 1982 census reports. Coverage

estimates for 1982 indicate about 9.1 percent of all farms were not included in census totals. Coverage evaluation studies for the 1978 census indicated that 3.4 percent of all farms were not included in the census. Farms undercounted in the census were usually small and accounted for approximately 2 percent of the total value of agricultural products sold and approximately 2 percent of the land in farms. For more explanation about data comparability, see Appendixes A and C, *1982 Census of Agriculture,* volume I reports and *Coverage Evaluation, Volume 2, Part 2.*

Farm population.—Farm population consists of all persons living on farms in rural areas. Data prior to 1960 are based on self-identification by respondents as to whether they live on a farm, and are not based on any criterion for the definition of a farm. Except as noted, farm population data shown for 1960 to 1977 are based on the definition of a farm used for the 1969 Census of Agriculture. Farm population data for 1978 to 1983 are shown on the bases of both the 1969 and 1974 census farm definitions and are so indicated. Beginning 1984, farm population data are based only on the 1974 census farm definition.

Irrigation.—Irrigated land is defined by the Bureau of the Census as the acreage in farms to which water is artificially applied during the census year. In addition to collecting information on irrigation from individual farms in the census of agriculture, the Bureau of the Census collects data on the operation of irrigation water supply organizations at 10-year intervals. In 1978, irrigation information was collected from both individual farms and irrigation organizations.

Farm income.—Gross farm income comprises cash receipts from farm marketings of crops and livestock, Federal government payments made directly to farmers for farm-related activities, rental value of farm homes, value of farm products consumed in farm homes, and other farm-related income such as machine hire and custom work. Farm marketings represent agricultural products sold by farmers multiplied by prices received per unit of production at the local market.

Information on prices received for farm products is generally obtained by the SRS Crop Reporting Board from surveys of firms (such as grain elevators, packers, and processors) purchasing agricultural commodities directly from producers. In some cases, the price information is obtained directly from the producers. Season average prices received by farmers are calculated by weighting monthly prices by monthly sales during the crop marketing season, beginning with the first month in which a particular crop harvest begins.

Crops.—Estimates of crop acreage and production by the SRS are based on current sample survey data obtained from individual reporters and objective yield counts, reports of carlot shipments, market records, personal field observations by field statisticians, and reports from other sources. Cotton acreage and production are based on sample survey data and on ginning information gathered by the Bureau of the Census.

Price supports.—Under law, farm income from many commodities is supported through two basic Government-supported mechanisms available to producers of eligible commodities: (1) *a market price support* (loan rate) through which producers may place any portion of their production in approved storage and receive a loan at a specified rate. The farmer may repay the loan with interest and retain the commodity or, at the end of the loan period, forfeit the commodity as full payment of the loan; (2) *a farm income support* (target price) whose payments vary inversely with the market price of the specified commodity. "Deficiency payments" are made when market prices for a specified period are below the target prices. The payment rate is the difference between the target price and market price, or between the target price and loan rate, whichever is smaller.

Livestock.—Annual inventory numbers of livestock and estimates of livestock, dairy, and poultry production prepared by the Department of Agriculture are based on information from farmers and ranchers obtained by probability survey sampling methods.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to Census Bureau and Department of Agriculture data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986.* For cross-references, see Appendix VI.

No. 1114. Food and Fiber Sector of Domestic Economy—Employment and Value Added: 1970 to 1984

[Employment in millions and value added in billions of dollars, except as indicated]

SECTOR	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
EMPLOYMENT										
Food and fiber sector, total	**19.9**	**20.1**	**20.4**	**20.5**	**21.2**	**21.2**	**21.3**	**21.3**	**20.6**	**21.0**
Percent of domestic economy [1]	21.2	20.9	20.6	20.1	20.2	19.8	19.6	19.3	18.4	18.5
Farm sector	2.8	2.9	3.0	2.9	2.9	2.6	2.6	2.6	2.5	2.7
Nonfarm sector	17.0	17.2	17.4	17.6	18.3	18.6	18.7	18.7	18.0	18.3
Food processing	1.4	1.5	1.5	1.5	1.5	1.6	1.5	1.6	1.5	1.5
Manufacturing	3.3	3.1	3.1	3.2	3.3	3.3	3.3	3.2	3.0	2.9
Transportation, trade, and retailing	5.6	5.7	5.8	5.9	6.2	6.4	6.5	6.5	6.3	6.5
Eating establishments	3.1	3.1	3.1	3.2	3.4	3.4	3.3	3.3	3.4	3.5
Other	3.7	3.7	3.8	3.8	4.0	4.0	4.1	4.1	3.9	4.0
VALUE ADDED [2]										
Food and fiber sector, total	**317.8**	**347.0**	**378.3**	**408.6**	**459.6**	**497.9**	**565.6**	**603.6**	**593.3**	**659.4**
Percent of domestic economy	20.5	20.2	19.7	18.9	19.0	18.9	19.1	19.7	18.0	18.0
Farm sector	42.9	42.1	43.8	49.2	61.0	58.5	71.3	74.6	51.2	68.0
Nonfarm sector	274.9	304.9	334.5	359.3	398.6	439.4	494.4	529.0	542.1	591.4
Food processing	36.5	42.1	45.9	46.7	50.4	56.1	62.6	70.7	71.4	77.4
Manufacturing	55.2	59.5	65.1	69.9	76.5	81.5	91.3	95.0	95.7	102.3
Transportation, trade, and retailing	94.4	104.4	114.4	124.4	138.8	155.2	172.6	182.9	188.8	204.2
Eating establishments	25.4	27.7	30.4	33.5	36.7	39.8	42.5	46.1	50.8	53.3
Other	63.4	71.1	78.7	84.8	96.1	106.9	125.2	134.4	135.4	154.2

[1] Based on civilian labor force. [2] Value added equals profits, rent, interest, wages, indirect business taxes, and depreciation.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Farm Sector Review*, annual.

No. 1115. Farm Population, 1950 to 1984, and Farm Employment, by Type, 1950 to 1985

[**In thousands, except percent.** For definition of farm population, see text, p. 632. See also *Historical Statistics, Colonial Times to 1970*, series C 76 and K 1-2 and K 174-176]

YEAR	FARM POPULATION [1]		YEAR	FARM POPULATION [1]		YEAR	FARM EMPLOYMENT [3]		
	Total	Percent of total population [2]		Total	Percent of total population [2]		Total	Family members [4]	Hired workers [5]
1950	23,048	15.3	1969 DEFINITION—Con.			1950	9,926	7,597	2,329
1955	19,078	11.6				1955	8,381	6,345	2,036
1956	18,712	11.2	1973	9,472	4.5	1960	7,057	5,172	1,885
1957	17,656	10.4	1974	9,264	4.4	1965	5,610	4,128	1,482
1958	17,128	9.9	1975	8,864	4.2	1970	4,523	3,348	1,175
1959	16,592	9.4	1976	8,253	3.8	1971	4,436	3,275	1,161
1969 DEFINITION			1977	7,806	3.6	1972	4,378	3,228	1,146
			1978	8,005	3.7	1973	4,337	3,169	1,168
1960	15,635	8.7	1979	7,553	3.4	1974	4,389	3,075	1,314
1961	14,803	8.1	1980	7,241	3.3				
1962	14,313	7.7	1981	7,014	3.1	1975	4,342	3,025	1,317
1963	13,367	7.1	1982	6,880	3.0	1976	4,374	2,997	1,377
1964	12,954	6.8	1983	7,029	3.0	1977	4,170	2,863	1,307
						1978	3,957	2,689	1,268
1965	12,363	6.4	1974 DEFINITION						
1966	11,595	5.9				1979	3,774	2,501	1,273
1967	10,875	5.5	1978	6,501	3.0	1980	3,705	2,402	1,303
1968	10,454	5.3	1979	6,241	2.8	1981	3,330	2,236	1,094
1969	10,307	5.1	1980	6,051	2.7	1982	4,043	2,494	1,549
1970	9,712	4.8	1981	5,850	2.6	1983	3,749	2,271	1,478
1971	9,425	4.6	1982	5,628	2.4	1984	3,750	2,315	1,435
1972	9,610	4.6	1983	5,787	2.5	1985	3,570	2,197	1,373
			1984	5,754	2.4				

[1] As of April 1 for 1950–1959; April-centered five-quarter averages for 1960 to 1983; annual average for 1984. Prior to 1959, excludes Alaska, and 1960, Hawaii. [2] Includes Armed Forces abroad. [3] Prior to 1974, averages of monthly estimates of employed during last full calendar week ending at least one day before end of month; 1974–1980 annual quarterly averages; 1981, average based on employment data from Jan. and April quarterly surveys; 1982–1985, based on July survey. [4] Includes farm operators doing 1 or more hours of farm work and unpaid family members doing 15 or more hours of farm work during survey week. [5] Includes all persons doing 1 or more hours of farm work for pay during survey week. Members of operators' families doing any farm work for cash wages are counted as hired workers.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Population Estimates, 1910–70* and *Farm Labor*, quarterly through April 1981, and annual beginning July 1982. Population data also published by U.S. Bureau of the Census in *Current Population Reports*, series P-27, No. 58, and earlier reports.

No. 1116. Farm Population, by Characteristics: 1960 to 1984

[1960, as of April; 1970 and 1980, April-centered five-quarter averages; 1984, annual averages. For definition of farm population, see text, p. 632]

Characteristic	Farm population (1,000)							Percent distribution			
	1969 definition			1974 definition				1969 definition		1974 definition	
	1960	1970	1980	1980	1984			1960	1970	1980	1984
					Total	Male	Female				
Total	15,669	9,712	7,241	6,051	5,754	2,975	2,779	100.0	100.0	100.0	100.0
White	13,092	8,775	6,828	5,714	5,538	2,867	2,671	83.6	90.4	94.4	96.2
Black and other races	2,577	938	413	337	216	108	108	16.4	9.7	5.6	3.8
Under 14 years	4,995	2,490	1,391	1,146	1,109	565	544	31.9	25.6	18.9	19.3
14 years and over	10,674	7,222	5,851	4,905	4,645	2,410	2,235	68.1	74.4	81.1	80.7
14–19 years	1,868	1,316	926	790	627	330	296	11.9	13.6	13.1	10.9
20–24 years	763	502	502	444	426	243	183	4.9	5.2	7.3	7.4
25–34 years	1,461	770	735	606	679	359	319	9.3	7.9	10.0	11.8
35–44 years	1,803	1,061	862	712	717	363	354	11.5	10.9	11.8	12.5
45–64 years	3,453	2,452	1,892	1,607	1,433	721	711	22.0	25.2	26.6	24.9
65 years and over	1,326	1,122	934	746	765	393	372	8.5	11.6	12.3	13.3
In labor force [1]	6,266	4,293	3,682	3,139	2,992	1,922	1,070	58.7	59.4	64.0	64.4
Employed, agriculture	4,025	2,333	1,722	1,642	1,464	1,163	301	37.7	32.3	33.5	31.5
Percent of labor force	64.2	54.3	46.8	52.3	48.9	60.5	28.1	(X)	(X)	(X)	(X)
Self-employed	2,405	1,411	1,083	1,034	931	803	128	22.5	19.5	21.1	20.0
Wage and salary workers	782	395	344	326	350	295	55	7.3	5.5	6.6	7.5
Unpaid family workers	838	526	295	282	183	65	118	7.9	7.3	5.7	3.9
Employed, nonagriculture	2,064	1,878	1,853	1,415	1,437	715	723	19.3	26.0	28.8	30.9
Self-employed	(NA)	159	210	161	176	102	74	(NA)	2.2	3.3	3.8
Wage and salary workers	(NA)	1,698	1,624	1,239	1,249	611	639	(NA)	23.5	25.3	26.9
Unpaid family workers	(NA)	21	19	16	12	2	10	(NA)	.3	.3	.3
Unemployed	177	82	106	82	90	44	46	1.7	1.1	1.7	1.9
Not in labor force [1]	4,408	2,929	2,169	1,766	1,653	488	1,165	41.3	40.6	36.0	35.6

NA Not available. X Not applicable. [1] Percent distribution by labor force status based on total population, 14 years old and over.

No. 1117. Characteristics of Farm and Nonfarm Families: 1970 to 1984

[As of March. 1970 based on 1969 census farm definition, 1980 and 1984 based on 1974 definition; see text, p. 632. Based on Current Population Survey, see text, pp.1 and 2 and Appendix III. 1970, 1980 and 1984 data are based on population controls from 1960, 1970 and 1980 censuses respectively; see text, p. 2]

Characteristic	1970			1980			1984		
	Total	Farm	Nonfarm	Total	Farm	Nonfarm	Total	Farm	Nonfarm
Total families (1,000)	51,237	2,457	48,781	58,426	1,666	56,760	61,997	1,558	60,439
Persons per family	3.62	3.77	3.61	3.28	3.35	3.27	3.24	3.38	3.24
With own children under 18 (1,000)	28,665	1,169	27,496	30,517	745	29,772	31,046	705	30,340
Mean number of own children	2.33	2.61	2.32	1.89	2.00	1.89	1.85	2.08	1.85
Percent with: 1 or 2 children	63.6	57.2	63.9	77.0	71.5	77.2	79.3	73.3	79.5
3 or 4 children	28.5	29.3	28.5	20.4	24.8	20.3	18.9	23.3	18.8
5 or more children	7.8	13.5	7.6	2.5	3.5	2.5	1.8	3.5	1.7
Percent distribution:									
Married couple	86.7	90.5	86.5	82.5	92.3	82.2	80.8	91.7	80.5
Male householder, no wife present	2.4	4.2	2.3	2.9	3.4	2.9	3.3	2.8	3.3
Female householder, no husband present	10.9	5.3	11.2	14.6	4.4	14.9	15.9	5.5	16.2
2-person families	34.5	37.0	34.3	39.2	42.7	39.1	40.1	40.1	40.1
3-to-5 person families	52.7	46.4	53.1	53.7	47.1	53.9	54.1	50.9	54.2
6-or-more person families	12.9	16.6	12.6	7.1	10.3	7.0	5.8	9.0	5.7

No. 1118. Money Income of Farm and Nonfarm Families, by Race: 1975 to 1983

[Number of families as of March 1984. 1975 data are based on population controls from 1970 census; 1980 and 1983 data are based on population controls from 1980 census. 1975 based on 1969 census farm definition, later data based on 1974 census farm definition. See headnote, table 751. For definition of median, see Guide to Tabular Presentation]

Race	Median family income (constant 1983 dollars)			Number of families, 1984 (1,000)	Percent families with 1983 income of—				
	1975	1980	1983		Under $10,000	$10,000–$14,999	$15,000–$19,999	$20,000–$24,999	$25,000 or more
All families	$25,385	$25,419	$24,580	61,997	16.0	11.6	11.8	11.5	49.1
Farm	20,076	19,049	18,925	1,558	23.2	16.3	13.5	12.0	35.0
Nonfarm	25,599	25,573	24,751	60,439	15.8	11.5	11.8	11.5	49.5
White	26,411	26,483	25,757	53,934	13.3	11.3	11.9	11.8	51.8
Farm	20,803	19,438	19,148	1,525	22.6	16.1	13.6	12.1	35.5
Nonfarm	26,699	26,672	25,952	52,409	13.0	11.1	11.8	11.7	52.3
Black	16,249	15,325	14,506	6,675	36.6	14.7	11.8	9.7	27.2
Farm	9,149	(B)	(B)	24	(B)	(B)	(B)	(B)	(B)
Nonfarm	16,422	15,356	14,540	6,651	36.6	14.7	11.8	9.7	27.2

B Base less than 75,000.

Source of tables 1116–1118: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 218; series P-27, No. 58 and earlier reports; and unpublished data.

No. 1119. Farm Population, by State: 1960 to 1980

[As of **April** 1 except **1960** and **1970, April-centered** annual averages. **1960** and **1970,** based on **1969** census farm definition; **1980** based on **1974** census farm definition. See text, p. 632. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970,* series K 17–81]

REGION, DIVISION, AND STATE	1960 (1,000)	1970 (1,000)	1980 Total (1,000)	1980 Percent of total population
U.S.	**15,635**	**9,712**	**5,618**	**2.48**
Region:				
Northeast	1,119	699	357	.73
Midwest	5,836	4,305	2,878	4.89
South	7,160	3,754	1,777	2.36
West	1,520	954	605	1.40
New England	**232**	**128**	**57**	**.46**
Maine	61	30	14	1.24
New Hampshire	22	11	7	.72
Vermont	56	32	18	3.53
Massachusetts	50	28	10	.17
Rhode Island	6	4	1	.12
Connecticut	36	23	7	.24
Middle Atlantic	**887**	**571**	**300**	**.82**
New York	387	239	123	.70
New Jersey	71	47	19	.26
Pennsylvania	428	284	158	1.33
East North Central	**2,821**	**2,053**	**1,322**	**3.17**
Ohio	581	415	272	2.51
Indiana	539	416	276	5.03
Illinois	621	473	314	2.75
Michigan	486	305	178	1.92
Wisconsin	594	445	283	6.01
West North Central	**3,015**	**2,252**	**1,556**	**9.06**
Minnesota	624	482	315	7.74
Iowa	703	544	391	13.42
Missouri	595	395	282	5.74
North Dakota	207	154	104	15.92
South Dakota	217	172	113	16.34
Nebraska	329	253	178	11.35
Kansas	340	252	173	7.31
South Atlantic	**2,838**	**1,357**	**619**	**1.67**
Delaware	27	15	10	1.72
Maryland	132	79	45	1.07
Virginia	467	238	113	2.12
West Virginia	155	78	29	1.47
North Carolina	950	463	188	3.20
South Carolina	433	144	54	1.72
Georgia	515	228	121	2.22
Florida	157	113	59	.60
East South Central	**2,494**	**1,329**	**593**	**4.04**
Kentucky	618	452	245	6.68
Tennessee	677	384	176	3.83
Alabama	519	216	88	2.25
Mississippi	680	277	85	3.36
West South Central	**1,828**	**1,069**	**565**	**2.38**
Arkansas	415	228	108	4.71
Louisiana	313	160	59	1.40
Oklahoma	294	209	130	4.29
Texas	806	471	269	1.89
Mountain	**678**	**446**	**264**	**2.32**
Montana	115	90	58	7.42
Idaho	148	102	69	7.32
Wyoming	47	33	19	4.13
Colorado	143	94	59	2.05
New Mexico	72	45	20	1.54
Arizona	74	34	14	.51
Utah	65	38	18	1.26
Nevada	13	9	6	.69
Pacific	**842**	**508**	**342**	**1.07**
Washington	199	133	82	1.98
Oregon	165	119	78	2.96
California	463	249	176	.75
Alaska	3	2	1	.20
Hawaii	12	6	5	.47

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Population Estimates, 1910–70* (Statistical Bulletin No. 523), and U.S. Bureau of the Census, *1980 Census of Population,* vol. I, chapter C (PC80-1-C).

No. 1120. Farms—Number and Acreage: 1950 to 1985

[Estimated. Prior to 1959, excludes Alaska and Hawaii. For definition of farms and farmland, see text, pp. 631 and 632. 1950 and 1954, farms and farmlands as defined in census year shown; beginning 1959, based on census year definition indicated. Data for census years (indicated by italics) have been adjusted for underenumeration and are used as reference points along with data from acreage and livestock surveys in estimating data for other years. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970,* series K 4–7]

YEAR	FARMS Number (1,000)	FARMS Annual change [1] (1,000)	LAND IN FARMS Total (mil. acres)	LAND IN FARMS Average per farm (acres)
1950	5,648	–64	1,202	213
1954	4,798	–213	1,206	251
1969 DEFINITION				
1959	4,105	–139	1,183	288
1960	3,963	–142	1,176	297
1964	3,457	–127	1,146	332
1965	3,356	–101	1,140	340
1969	3,000	–89	1,108	369
1970	2,949	–51	1,102	374
1971	2,902	–47	1,097	378
1972	2,860	–42	1,092	382
1973	2,823	–37	1,088	385
1974	2,795	–28	1,084	388
1975	2,767	–28	1,081	391
1969 DEFINITION—Con.				
1976	2,738	–29	1,078	394
1977	2,706	–32	1,075	397
1978	2,672	–34	1,072	401
1974 DEFINITION				
1975	2,521	(X)	1,059	420
1976	2,497	–24	1,054	422
1977	2,456	–41	1,048	427
1978	2,436	–20	1,045	429
1979	2,432	–4	1,042	428
1980	2,433	–1	1,039	427
1981	2,434	1	1,034	425
1982	2,401	–33	1,028	428
1983	2,370	–31	1,024	432
1984	2,328	–37	1,019	438
1985, prel	2,285	–43	1,016	445

X Not applicable. [1] Average annual change from preceding year shown. For 1950, change from 1945.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Number of Farms, 1910–1959; Land in Farms 1950–1959, by States* (Statistical Bulletin No. 316); *Number of Farms and Land in Farms, 1959–70* (Statistical Bulletin No. 507); *Farms and Land in Farms, 1969–75* (Statistical Bulletin No. 594); *Farm Numbers, 1975–80; and Crop Production* (August releases).

NO. 1121. FARMS—NUMBER AND ACREAGE, BY STATE: 1980 AND 1985

[1985 data preliminary. Based on 1974 census definition of farms and farmland; see text, p. 631. See also *Historical Statistics, Colonial Times to 1970*, series K 4–7]

STATE	FARMS (1,000)		ACREAGE (mil.)		ACREAGE PER FARM		STATE	FARMS (1,000)		ACREAGE (mil.)		ACREAGE PER FARM	
	1980	1985	1980	1985	1980	1985		1980	1985	1980	1985	1980	1985
U.S	2,433	2,285	1,039	1,016	427	445	Missouri	120	115	31	31	261	270
							Montana	24	24	62	61	2,601	2,542
Alabama	59	54	12	12	207	222	Nebraska	65	59	48	47	734	797
Alaska	(z)	1	2	2	3,378	2,000	Nevada	3	3	9	9	3,100	3,000
Arizona	8	9	38	38	5,080	4,222	New Hampshire	3	3	1	1	160	333
Arkansas	59	53	17	16	280	302	New Jersey	9	9	1	1	109	111
California	81	79	34	33	417	418	New Mexico	14	14	47	45	3,467	3,214
Colorado	27	27	36	34	1,358	1,259	New York	47	45	9	9	200	200
Connecticut	4	4	(z)	(z)	117	118	North Carolina	93	76	12	11	126	145
Delaware	4	4	1	1	186	250	North Dakota	40	34	42	41	1,043	1,206
Florida	39	39	13	13	344	333	Ohio	95	89	16	16	171	180
Georgia	59	50	15	14	254	280	Oklahoma	72	71	35	33	481	465
Hawaii	4	5	2	2	458	400	Oregon	35	37	18	18	517	486
Idaho	24	25	15	15	623	600	Pennsylvania	62	58	9	9	145	155
Illinois	107	90	29	29	269	322	Rhode Island	1	1	(z)	(z)	87	97
Indiana	87	81	17	16	193	198	South Carolina	34	28	6	6	188	214
Iowa	119	111	34	34	284	306	South Dakota	39	37	45	45	1,169	1,216
Kansas	75	72	48	48	644	667	Tennessee	96	98	14	13	142	133
Kentucky	102	100	15	15	143	150	Texas	189	184	138	136	731	739
Louisiana	37	36	10	10	273	278	Utah	14	14	12	12	919	857
Maine	8	8	2	2	195	250	Vermont	8	7	2	2	226	286
Maryland	18	18	3	3	157	167	Virginia	58	55	10	10	169	182
Massachusetts	6	6	1	1	116	167	Washington	38	38	16	16	429	421
Michigan	65	63	11	11	175	175	West Virginia	22	20	4	4	191	200
Minnesota	104	96	30	30	291	313	Wisconsin	93	83	19	18	200	217
Mississippi	55	48	15	14	265	292	Wyoming	9	9	35	35	3,846	3,889

Z Less than 500 farms or 500,000 acres.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production* (August 1985 release).

NO. 1122. FARMS—NUMBER, 1959 TO 1982, AND ACREAGE, 1978 AND 1982, BY SIZE OF FARM

[See *Historical Statistics, Colonial Times to 1970*, series K 162–173]

SIZE OF FARM	NUMBER OF FARMS (1,000)					LAND IN FARMS (mil. acres)		CROPLAND HARVESTED (mil. acres)		PERCENT DISTRIBUTION, 1982		
	1959	1969	1974	1978	1982	1978	1982	1978	1982	Number of farms	All land in farms	Cropland harvested
Total	3,711	2,730	2,314	2,258	2,241	1,014.8	986.8	317.1	326.3	100.0	100.0	100.0
Under 10 acres	244	162	128	151	188	.6	.7	.2	.3	8.4	.1	.1
10–49 acres	813	473	380	392	449	10.9	12.1	4.5	4.5	20.0	1.2	1.4
50–99 acres	658	460	385	356	344	25.9	24.8	10.2	9.5	15.4	2.5	2.9
100–179 acres	773	542	443	403	368	55.0	49.9	23.3	21.2	16.4	5.1	6.5
180–259 acres	414	307	253	234	211	50.6	45.7	23.7	21.7	9.4	4.6	6.7
260–499 acres	472	419	363	348	315	124.6	113.0	64.5	60.5	14.1	11.5	18.5
500–999 acres	200	216	207	213	204	146.7	140.5	75.2	77.6	9.1	14.2	23.8
1,000–1,999 acres	79	91	93	98	97	133.0	132.4	58.2	64.5	4.3	13.4	19.8
2,000 acres and over	57	60	62	63	65	467.4	467.5	57.3	66.6	2.9	47.4	20.4

NO. 1123. FARMS—NUMBER AND ACREAGE, BY TENURE OF OPERATOR: 1969 TO 1982

[*Full owners* own all the land they operate. *Part owners* own a part, and rent from others the rest of the land they operate. See also *Historical Statistics, Colonial Times to 1970*, series K 109–113 and 142–146]

ITEM AND YEAR	Unit	Total	Full owner	Part owner	Tenant	PERCENT DISTRIBUTION			
						Total	Full owner	Part owner	Tenant
Number of farms:									
1969	1,000	2,730	1,706	672	353	100.0	62.5	24.6	12.9
1974	1,000	2,314	1,424	628	262	100.0	61.5	27.2	11.3
1978	1,000	2,258	1,298	681	279	100.0	57.5	30.1	12.4
1982 [1]	1,000	2,241	1,326	656	259	100.0	59.2	29.3	11.5
Under 50 acres	1,000	637	505	68	63	100.0	79.3	10.7	9.9
50–179 acres	1,000	711	489	144	79	100.0	68.7	20.2	11.1
180–499 acres	1,000	526	232	221	73	100.0	44.1	42.0	13.8
500–999 acres	1,000	204	57	120	27	100.0	27.9	58.8	13.2
1,000 acres or more	1,000	161	41	103	17	100.0	25.4	64.0	10.6
Land in farms:									
1969	Mil. acres	1,063	375	550	138	100.0	35.2	51.8	13.0
1974	Mil. acres	1,017	359	535	122	100.0	35.4	52.6	12.0
1978	Mil. acres	1,015	332	561	122	100.0	32.7	55.3	12.0
1982	Mil. acres	987	342	531	114	100.0	34.7	53.8	11.6

[1] Data by size of farm exclude abnormal farms; see footnote 2, table 1129.

Source of tables 1122 and 1123: U.S. Bureau of the Census, *Census of Agriculture: 1959, 1969, 1974*, vol. II and *1982*, vol. I.

No. 1124. Farms—Number, Acreage, and Value, by State: 1974 to 1982

[For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series K 17–18]

Region, division, and state	Number of farms (1,000)			All land in farms (mil. acres)			Average acreage per farm			Total value [1] (mil. dol.)		
	1974	1978	1982	1974	1978	1982	1974	1978	1982	1974	1978	1982
U.S.	**2,314**	**2,258**	**2,241**	**1,017.0**	**1,014.8**	**986.8**	**440**	**449**	**440**	**342,099**	**631,433**	**774,158**
Region:												
Northeast	128	131	131	23.4	23.7	23.0	183	181	175	15,460	24,079	28,272
Midwest	1,017	975	932	362.9	362.5	354.2	357	372	380	150,978	304,720	339,761
South	930	897	896	305.7	305.1	293.8	329	340	328	110,362	186,098	236,638
West	239	254	280	325.1	323.4	315.7	1,360	1,274	1,129	65,299	116,536	169,487
New England	**23**	**24**	**26**	**4.8**	**4.8**	**4.6**	**206**	**196**	**178**	**2,915**	**4,339**	**5,385**
Maine	6	7	7	1.5	1.5	1.5	237	221	210	519	800	1,053
New Hampshire	2	3	3	.5	.5	.5	210	193	170	286	426	555
Vermont	6	6	6	1.7	1.6	1.6	282	279	249	770	1,065	1,305
Massachusetts	4	5	5	.6	.6	.6	134	125	113	578	907	1,111
Rhode Island	1	1	1	.1	.1	.1	102	98	86	92	159	173
Connecticut	3	4	4	.4	.5	.4	129	130	118	671	983	1,188
Middle Atlantic	**104**	**107**	**106**	**18.6**	**19.0**	**18.4**	**178**	**177**	**174**	**12,545**	**19,740**	**22,887**
New York	44	43	42	9.4	9.5	9.2	215	220	218	4,800	6,315	7,509
New Jersey	7	8	8	1.0	1.0	.9	130	124	111	1,737	2,549	2,840
Pennsylvania	53	56	56	8.2	8.5	8.3	154	152	149	6,008	10,877	12,538
East North Central	**445**	**423**	**403**	**90.0**	**90.9**	**88.6**	**202**	**215**	**220**	**61,406**	**130,814**	**134,967**
Ohio	92	89	87	15.7	15.8	15.4	170	177	177	11,056	23,495	23,287
Indiana	86	82	77	16.8	16.8	16.3	191	204	211	12,078	26,658	26,128
Illinois	111	105	98	29.1	29.5	28.7	262	282	292	24,628	54,931	53,061
Michigan	64	60	59	10.8	11.0	10.9	169	183	187	5,989	10,585	13,389
Wisconsin	89	87	82	17.6	17.8	17.2	197	206	210	7,656	15,146	19,102
West North Central	**573**	**552**	**529**	**272.9**	**271.6**	**265.6**	**477**	**492**	**502**	**89,572**	**173,906**	**204,793**
Minnesota	99	99	94	27.6	28.5	27.7	280	288	294	11,855	25,762	32,326
Iowa	126	121	115	33.0	33.3	32.6	262	274	283	23,754	51,829	54,349
Missouri	116	115	112	29.8	30.1	29.3	258	262	260	11,811	21,972	25,094
North Dakota	43	40	36	42.4	41.7	40.2	992	1,033	1,104	8,268	14,565	17,609
South Dakota	43	39	37	46.0	44.4	43.8	1,074	1,147	1,179	6,656	11,466	15,429
Nebraska	68	64	60	46.2	46.1	45.0	683	723	746	13,017	24,417	31,910
Kansas	79	74	73	47.9	47.5	47.1	605	640	642	14,211	23,895	28,076
South Atlantic	**296**	**282**	**274**	**60.9**	**59.8**	**57.2**	**206**	**212**	**209**	**34,987**	**57,395**	**69,752**
Delaware	3	3	3	.6	.7	.7	185	197	196	612	964	1,218
Maryland	15	16	16	2.6	2.6	2.6	174	168	158	2,791	4,645	5,378
Virginia	53	50	52	9.7	9.5	9.4	184	189	182	5,396	8,572	10,622
West Virginia	17	17	19	3.5	3.5	3.6	207	202	190	1,050	2,082	2,421
North Carolina	91	82	73	11.2	11.0	10.3	123	135	142	6,634	11,560	13,669
South Carolina	29	27	25	6.2	6.0	5.6	211	226	224	2,887	4,581	5,193
Georgia	55	51	50	13.9	13.4	12.3	253	261	248	6,576	10,291	11,166
Florida	32	36	36	13.2	13.0	12.8	407	360	353	9,041	14,700	20,085
East South Central	**306**	**284**	**283**	**53.7**	**51.6**	**49.2**	**175**	**182**	**174**	**22,006**	**39,460**	**46,466**
Kentucky	102	102	102	14.4	14.6	14.2	141	143	140	6,158	12,705	14,661
Tennessee	94	87	91	13.1	12.7	12.5	140	146	138	6,117	10,884	12,592
Alabama	57	51	48	11.9	11.1	10.2	209	220	211	4,310	7,021	8,290
Mississippi	54	44	42	14.3	13.2	12.4	267	300	293	5,421	8,849	10,923
West South Central	**328**	**331**	**340**	**191.0**	**193.7**	**187.3**	**582**	**586**	**551**	**53,369**	**89,243**	**120,420**
Arkansas	51	52	51	14.6	15.0	14.7	287	291	291	6,135	11,445	14,460
Louisiana	33	31	32	9.1	9.3	8.9	275	296	282	4,679	9,111	12,070
Oklahoma	70	72	73	33.1	33.7	32.4	475	467	446	9,992	17,038	22,556
Texas	174	175	185	134.2	135.6	131.3	771	773	710	32,563	51,649	71,334
Mountain	**112**	**117**	**122**	**253.0**	**252.6**	**246.1**	**2,262**	**2,168**	**1,857**	**32,028**	**56,761**	**76,179**
Montana	23	24	24	62.2	61.7	60.5	2,665	2,618	2,568	6,952	12,084	15,866
Idaho	24	24	25	14.3	14.7	13.9	603	606	563	4,833	8,449	11,353
Wyoming	8	8	9	34.3	33.6	33.5	4,274	4,182	3,781	2,751	4,813	6,484
Colorado	26	27	27	35.9	35.3	33.5	1,408	1,310	1,237	6,734	11,220	15,228
New Mexico	11	12	13	47.0	47.9	47.1	4,170	3,894	3,493	3,649	6,634	8,322
Arizona	6	6	7	37.9	38.5	37.8	6,539	6,114	5,148	4,197	7,550	10,972
Utah	12	13	14	10.6	10.5	9.8	871	820	699	1,998	4,087	5,445
Nevada	2	2	3	10.6	10.4	10.0	5,209	4,346	3,671	915	1,922	2,509
Pacific	**127**	**137**	**158**	**72.0**	**70.8**	**69.6**	**567**	**515**	**441**	**33,271**	**59,775**	**93,307**
Washington	29	31	36	16.7	16.7	16.5	567	540	456	5,828	11,114	15,271
Oregon	27	29	34	18.2	18.1	17.7	682	633	520	4,552	8,588	12,665
California	68	73	82	33.4	32.7	32.2	493	447	390	21,793	38,152	61,532
Alaska	(z)	(z)	(z)	1.6	1.3	1.3	5,612	3,359	2,323	69	140	264
Hawaii	3	4	5	2.1	2.0	2.0	702	461	426	1,029	1,784	3,575

Z Less than 500. [1] Value of land and buildings. For 1978 and 1982, based on reports for a sample of farms.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974*, vol. 2, and *1982*, vol. I.

No. 1125. Farm Operators—Tenure and Characteristics: 1978 and 1982

[In thousands, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series K 82–113]

Tenure and characteristic	All farms		Farms with sales of $10,000 and over	
	1978	1982	1978	1982
Total operators	2,258	2,241	1,180	1,143
White	2,200	2,187	1,163	1,127
Black and other	58	54	17	16
Operators of Spanish origin [1]	18	16	7	6
Female	113	122	(NA)	37
Under 25 years old	67	62	(NA)	39
25–34 years old	285	294	(NA)	173
35–44 years old	434	443	(NA)	223
45–54 years old	549	505	(NA)	264
55–64 years old	552	536	(NA)	288
65 years old and over	371	400	(NA)	156
Average age (years)	50.3	50.5	(NA)	49.1
Full owner	1,298	1,326	485	482
Part owner	681	656	514	491
Tenant	279	259	181	170
Principal occupation:				
Farming	1,269	1,235	934	901
Other	988	1,006	246	242
Place of residence: [2]				
On farm operated	1,586	1,581	876	833
Not on farm operated	422	429	197	202
Years on present farm: [2]				
2 years or less	(NA)	127	(NA)	53
3–4 years	(NA)	193	(NA)	83
5–9 years	(NA)	360	(NA)	167
10 years or more	(NA)	1,098	(NA)	638
Days worked off farm: [2]				
None	943	862	654	591
Less than 100 days	252	224	164	141
100–199 days	181	189	79	77
200 days or more	770	775	214	213

NA Not available. [1] Operators of Spanish origin may be of any race. [2] Excludes not reported.

Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1.

No. 1126. Farms—Number, Acreage, and Value, by Type of Organization: 1978 and 1982

[Excludes abnormal farms, see footnote 2, table 1129]

Item	Unit	Total [1]	Individual or family	Partnership	Corporation	Percent distribution: Total [1]	Percent distribution: Individual or family	Percent distribution: Partnership	Percent distribution: Corporation
ALL FARMS									
Number of farms: 1978	1,000	2,255	1,966	233	50	100.0	87.2	10.3	2.2
1982	1,000	2,239	1,946	223	60	100.0	86.9	10.0	2.7
Land in farms: 1978	Mil. acres	959	673	158	120	100.0	70.2	16.5	12.5
1982	Mil. acres	932	642	152	127	100.0	68.9	16.3	13.6
Value of land and buildings: [2] 1978	Bil. dol	623	(NA)	(NA)	(NA)	100.0	(NA)	(NA)	(NA)
1982	Bil. dol	763	547	119	90	100.0	71.7	15.6	11.8
Value of farm products sold: 1978	Mil. dol	106,829	(NA)	(NA)	(NA)	100.0	(NA)	(NA)	(NA)
1982	Mil. dol	131,590	77,907	21,520	31,480	100.0	59.2	16.4	23.9
FARMS WITH SALES OF $10,000 AND OVER									
Number of farms: 1978	1,000	1,180	976	155	45	100.0	82.7	13.1	3.8
1982	1,000	1,143	934	152	52	100.0	81.7	13.3	4.5
Land in farms: 1978	Mil. acres	829	557	147	118	100.0	67.2	17.7	14.2
1982	Mil. acres	811	536	141	124	100.0	66.1	17.4	15.3

NA Not available. [1] Include other types, not shown separately. [2] Based on a sample of farms.

Source: U.S. Bureau of the Census, 1982 Census of Agriculture, vol. 1.

No. 1127. Characteristics of Corporate Farms, by Type: 1982

Item	Unit	All corporations	Family held corporations: Total	Family held corporations: 1–10 stockholders	Family held corporations: 11 or more stockholders	Other corporations: Total	Other corporations: 1–10 stockholders	Other corporations: 11 or more stockholders
Farms	Number	59,792	52,652	50,842	1,810	7,140	5,997	1,143
Percent distribution	Percent	100.0	88.1	85.0	3.0	11.9	10.0	1.9
Land in farms	Mil. acres	127.3	112.9	100.7	12.2	14.5	8.5	6.0
Average per farm	Acres	2,129	2,143	1,980	6,737	2,024	1,413	5,231
Value of—								
Land and buildings [1]	Bil. dol	89.9	76.1	70.1	6.0	13.8	7.7	6.1
Average per farm	$1,000	1,520	1,455	1,389	3,221	2,028	1,363	5,185
Farm products sold	Bil. dol	31.5	22.9	20.7	2.3	8.6	5.5	3.1
Average per farm	$1,000	527	435	406	1,244	1,201	911	2,723

[1] Based on a sample of farms.

Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1.

No. 1128. Characteristics of Individual and Family Farms: 1982

[Excludes abnormal farms; see footnote 2, table 1129]

Size of farm and value of sales	Individual and family farms: Number (1,000)	Individual and family farms: Percent distribution	Individual and family farms: Percent of all farms	Item	Unit	All farms	Individual and family farms: Amount	Individual and family farms: Percent of all farms
Farms, total	**1,946**	**100.0**	**86.9**	**Land in farms**	**Mil. acres**	**932**	**642**	**68.9**
Under 50 acres	579	29.8	91.0	Average size of farm	Acres	416	330	(X)
50–179 acres	639	32.9	89.9					
180–499 acres	450	23.1	85.6	**Value of land and bldgs.**	**Bil. dol**	**763.2**	**547.0**	**71.7**
500–999 acres	163	8.4	80.0	Average per farm	$1,000	341	281	(X)
1,000 acres or more	114	5.8	70.5	Average per acre	Dollars	819	852	(X)
Less than $2,500	503	25.8	93.8	**Value of farm products sold**	**Bil. dol**	**131.6**	**77.9**	**59.2**
$2,500–$4,999	256	13.2	92.0	Average per farm	$1,000	58.8	40.0	(X)
$5,000–$9,999	253	13.0	89.9	Crops [1]	Bil. dol	61.9	37.7	60.8
$10,000–$19,999	227	11.7	87.8	Grains	Bil. dol	36.4	26.4	72.4
$20,000–$39,999	214	11.0	86.0	Livestock, poultry and their products [2]	Bil. dol	69.4	40.2	58.0
$40,000–$99,999	281	14.4	84.4	Cattle, calves	Bil. dol	31.5	15.3	48.6
$100,000–$249,999	165	8.5	76.4	Dairy products	Bil. dol	16.3	11.2	68.7
$250,000–$499,999	35	1.8	60.1	Poultry, poultry products	Bil. dol	9.8	5.8	59.2
$500,000 and over	11	.6	39.7	Hogs and pigs	Bil. dol	9.8	6.8	69.3

X Not applicable. [1] Includes nursery and greenhouse products. [2] Includes other commodities, not shown separately.

Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1.

No. 1129. Farms—Number, Acreage, and Value of Sales, by Size of Sales: 1982

Value of farm products sold	Farms (1,000)	Acreage: Total (mil.)	Acreage: Average per farm	Value of sales: Total (mil. dol.)	Value of sales: Average per farm ($1,000)	Percent distribution: Farms	Percent distribution: Acreage, total	Percent distribution: Value of sales, total
Sales less than $20,000	1,355	186	137	7,260	5.4	100.0	100.0	100.0
Occupation—Farming [1]	481	92	191	3,474	7.2	35.5	49.5	47.9
Occupation—Other than farming [1]	874	94	108	3,786	4.3	64.5	50.5	52.1
Less than $2,500	536	45	83	558	1.0	39.6	24.2	7.7
$2,500–$4,999	278	31	111	999	3.6	20.5	16.7	13.8
$5,000–$9,999	282	45	161	2,009	7.1	20.8	24.2	27.7
$10,000–$19,999	259	65	251	3,694	14.3	19.1	34.9	50.9
Sales of $20,000 or more	884	746	844	124,329	141	100.0	100.0	100.0
$20,000–$39,999	249	101	407	7,142	29	28.2	13.5	5.7
$40,000–$99,999	333	214	642	21,642	65	37.7	28.6	17.4
$100,000–$249,999	216	222	1,027	32,930	153	24.4	29.8	26.5
$250,000–$499,999	59	106	1,807	19,851	338	6.7	14.2	16.0
$500,000 and over	28	104	3,726	42,764	1,538	3.0	13.9	34.4
Abnormal farms [2]	2	55	32,638	311	185	100.0	100.0	100.0

[1] Occupation determined by 50 percent or more of work time on farm or other occupation.
[2] Represents institutional farms, experimental and research farms, Indian reservations, etc.

Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1.

No. 1130. Farms—Number, Acreage, and Value of Sales, by Type of Farm: 1982

[Farms were classified in a particular group if its sales for that product group amounted to 50 percent or more of the total value of farm products sold. The Standard Industrial Classification (SIC) code for each farm type is shown in parentheses. Excludes abnormal farms]

Item	Unit	Total	Cash grain [1] (011)	Cotton (0131)	Tobacco (0132)	Livestock [2] (021)	Dairy (024)	Poultry, eggs (025)	Fruit and nut (017)	Vegetable (016)	All other
Number of farms	1,000	2,239	576	21	131	906	164	42	84	31	283
With sales under $10,000	Percent	48.9	28.5	17.2	59.4	65.5	3.5	20.3	55.4	52.0	63.6
With sales between $10,000 and $39,999	Percent	22.7	31.7	27.4	28.1	18.7	21.5	8.0	20.9	23.1	17.4
With sales of $40,000 or more	Percent	28.4	39.8	55.4	12.5	15.8	75.0	71.7	23.6	24.9	18.9
Land in farms	Mil. acres	932	287	17	14	476	50	5	9	5	69
Products sold, value	Mil. dol	131,590	33,723	3,141	2,782	39,849	18,129	10,081	5,782	3,922	14,181
Percent distribution:											
Number of farms	Percent	100.0	25.7	.9	5.9	40.5	7.3	1.9	3.8	1.4	12.6
Land in farms	Percent	100.0	30.8	1.8	1.5	51.0	5.3	.5	1.0	.6	7.5
Products sold, value	Percent	100.0	25.6	2.4	2.1	30.3	13.8	7.7	4.4	3.0	10.7

[1] Includes wheat, rice, corn for grain, soybeans, and other cash grains. [2] Excludes dairy, poultry, and animal specialty farms.

Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1.

No. 1131. Irrigation of Agricultural Land—Summary: 1959 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series J 85-91]

ITEM	Unit	17 WESTERN STATES AND LA.					ALL STATES		
		1959	1969	1974	1978	1982	1974	1978	1982
Approximate land area	Mil. acres	1,189	1,187	1,187	1,187	1,186	2,266	2,266	2,265
Farms, total	1,000	1,044	850	745	745	771	2,314	2,258	2,241
Irrigated	1,000	267	210	197	223	220	237	281	278
Percent irrigated of total farms	Percent	25.6	24.7	26.4	29.9	28.5	10.2	12.4	12.4
Land in farms, total	Mil. acres	715	700	680	679	661	1,017	1,015	987
In irrigated farms	Mil. acres	213	218	211	227	220	229	252	247
Land irrigated, total	Mil. acres	31	35	37	44	42	41	50	49
Percent irrigated of total land in farms	Percent	4.3	5.0	5.4	6.5	6.4	4.0	5.0	5.0

Source: U.S. Bureau of the Census, *Census of Agriculture: 1959, 1969, 1974,* and *1982.*

No. 1132. Federal Irrigation Projects, by Type of Service: 1960 to 1983

TYPE OF SERVICE	Unit	1960	1965	1970	1975	1979	1980	1981	1982	1983
All projects:										
Irrigable acreage	1,000	8,171	9,612	10,198	10,930	12,236	11,944	11,941	12,592	11,901
Irrigated acreage	1,000	6,900	8,012	8,570	9,309	10,234	10,093	10,122	10,635	9,236
Gross crop value	Mil. dol	1,158	1,557	1,882	4,419	6,909	7,438	6,744	7,323	6,641
Full service: [1]										
Irrigable acreage	1,000	4,326	4,540	4,844	4,925	5,076	5,082	5,089	5,085	5,098
Irrigated acreage	1,000	3,488	3,731	4,037	4,213	4,254	4,275	4,290	4,249	3,978
Gross crop value	Mil. dol	581	675	847	1,858	2,348	2,668	2,553	2,514	2,856
Supplemental and temporary service: [2]										
Irrigable acreage	1,000	3,845	5,072	5,354	6,005	7,160	6,862	6,852	7,507	6,804
Irrigated acreage	1,000	3,412	4,281	4,533	5,096	5,980	5,818	5,832	6,386	5,258
Gross crop value	Mil. dol	577	882	1,035	2,561	4,561	4,770	4,191	4,809	3,984

[1] Applies to irrigable land receiving its sole irrigation supply through Bureau of Reclamation-constructed facilities and to previously irrigated land in non-Federal projects where a substantial part of the facilities was constructed, rehabilitated, or replaced by the Bureau. [2] Applies to irrigable land receiving irrigation water through Bureau projects in addition to supply from non-project sources and to land for which water is delivered under temporary arrangements.

Source: U.S. Bureau of Reclamation, *Annual Report.*

No. 1133. Foreign Ownership of U.S. Agricultural Land: 1984

[**In thousands of acres, except percent.** Covers "foreign persons" reporting under the Agricultural Foreign Investment Disclosure Act of 1978. As defined in the Act, a "foreign person" is any person who is not a U.S. citizen and who is not a permanent resident alien of the U.S. Foreign governments and entities are also "foreign persons." Also, each successive link in a chain of U.S. entities containing foreign interests is considered a "foreign person." An entity is deemed a "foreign person" because another "foreign person" holds at least a 5 percent or more interest in the entity. Therefore acreage figures reported do not necessarily mean that they are wholly owned by foreign investors. *Covers reports received and accepted as of October 8, 1984*]

CHARACTERISTIC	ACREAGE OWNED [1]		ACREAGE ACQUIRED [2]		CHARACTERISTIC	ACREAGE OWNED [1]		ACREAGE ACQUIRED [2]	
	Total	Percent	Total	Percent		Total	Percent	Total	Percent
Total [3]	**14,038**	**100.0**	**413**	**100.0**	Country of foreign owner:				
Type of owner:					Canada	1,731	12.3	254	61.5
Corporation	11,583	82.5	364	88.1	Germany, Fed. Rep	727	5.2	20	4.8
Partnership	1,317	9.4	25	6.1	Hong Kong	17	.1	-	-
Individual	947	6.7	22	5.3	Mexico	215	1.5	2	.5
Other	190	1.4	2	.5	Netherlands Antilles	544	3.9	2	.5
Size of holding:					Switzerland	261	1.9	3	.7
Less than 100 acres	126	.9	3	.7	United Kingdom	391	2.8	2	.5
100-299 acres	283	2.0	8	1.9	Through U.S. interest: [4]				
300-999 acres	848	6.0	21	5.1	Canada	2,863	20.4	9	2.2
1,000 acres or more	12,780	91.0	381	92.3	France	328	2.3	-	-
Land use:					Germany, Fed. Rep	483	3.4	5	1.2
Cropland	1,965	14.0	76	18.4	Hong Kong	1,692	12.1	-	-
Pasture	2,751	19.6	42	10.2	Netherlands	337	2.4	28	6.8
Forest	8,059	57.4	271	65.6	Netherlands Antilles	*245*	1.7	1	.2
Other agriculture	*567*	*4.0*	*10*	*2.4*	United Kingdom	1,539	11.0	11	2.7
Other nonagriculture	695	5.0	13	3.1					

- Represents zero. [1] Landholdings by foreign interests as of Oct. 8. [2] Acquisitions by foreign interests from Jan. 1-Oct. 8, 1984. [3] Includes other countries not shown separately. [4] Reports filed by U.S. corporations with foreign shareholders.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Foreign Ownership of U.S. Agricultural Land through December 31, 1984* (Economic Research Service Staff Report AGES 850320), 1985.

No. 1134. Farm Real Estate—Summary: 1970 to 1985

[1970 and 1975, value data as of **Mar. 1**; **1977–1981**, as of **Feb. 1**; **1982–1985**, as of **April 1**. Excludes Alaska and Hawaii. 1970 value data based on 1969 census definition of farms and farmland; beginning 1975, based on 1974 census definition, see text, p. 631. Total value of land and buildings is estimated by multiplying the number of acres of farmland by the average value per acre of land and buildings. Average values are based on land-value data obtained from the census of agriculture. For intercensal years, estimates are made using indexes of average value per acre. Indexes of average value per acre are based on surveys conducted by the U.S. Dept. of Agriculture]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total value	**Bil. dol.**	**215.0**	**358.6**	**495.0**	**553.0**	**653.1**	**763.3**	**843.7**	**843.3**	**804.8**	**794.0**	**689.8**
Land	Bil. dol.	175.5	300.5	419.6	471.1	559.7	658.0	728.3	729.8	697.3	688.9	598.8
Buildings	Bil. dol.	39.5	58.1	75.4	81.9	93.4	105.3	115.4	113.5	107.5	105.1	91.0
Average value per acre [1]	**Dollars**	**196**	**340**	**474**	**531**	**628**	**737**	**819**	**823**	**788**	**782**	**679**
Index	1977=100	42	75	100	109	125	145	158	157	148	146	128
Average value, operating unit	$1,000	73.0	142.5	201.9	227.4	269.3	314.4	347.3	352.0	340.3	341.2	296.4

[1] Land and buildings.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Real Estate Market Developments*, annual.

No. 1135. Farm Real Estate—Value of Land and Buildings, by State: 1980 to 1985

[See headnote, table 1134. See also *Historical Statistics, Colonial Times to 1970*, series K 16]

STATE	VALUE OF LAND AND BUILDINGS (mil. dol.)				AVERAGE VALUE OF LAND AND BUILDINGS, PER ACRE				INDEXES OF AVERAGE VALUE PER ACRE (1977=100)			
	1980	1983	1984	1985	1980	1983	1984	1985	1980	1983	1984	1985
U.S	**763,285**	**804,765**	**794,034**	**689,807**	**$737**	**$788**	**$782**	**$679**	**145**	**148**	**146**	**128**
Alabama	9,516	9,582	9,309	8,844	780	826	809	769	149	165	162	154
Arizona	10,173	10,836	11,054	9,949	267	289	295	265	[1] 167	[2] 177	[2] 181	[2] 163
Arkansas	15,147	15,746	15,023	13,671	918	972	933	849	163	174	167	152
California	48,131	63,678	63,294	56,965	1,424	1,918	1,918	1,726	166	223	223	201
Colorado	13,932	15,799	16,180	15,047	387	454	468	435	147	161	166	154
Connecticut	1,170	1,328	1,407	1,604	2,387	2,655	2,814	3,208	[3] 135	[3] 152	[3] 162	[3] 185
Delaware	1,169	1,189	1,231	1,084	1,798	1,829	1,866	1,642	151	143	146	128
Florida	18,505	20,488	20,898	19,853	1,381	1,576	1,608	1,527	[4] 141	152	155	147
Georgia	13,440	12,727	12,291	11,676	896	929	910	865	132	124	122	116
Idaho	10,610	12,129	11,966	11,009	698	814	814	749	134	140	140	129
Illinois	58,781	52,722	51,667	37,717	2,041	1,837	1,800	1,314	135	117	115	84
Indiana	31,298	26,726	26,140	20,651	1,863	1,610	1,594	1,259	150	122	121	96
Iowa	62,192	56,751	50,358	35,754	1,840	1,684	1,499	1,064	139	121	108	77
Kansas	28,352	29,028	27,983	22,386	587	601	583	466	134	126	122	98
Kentucky	14,250	15,211	14,602	13,142	976	1,049	1,007	906	147	149	143	129
Louisiana	12,686	13,645	13,645	12,690	1,256	1,351	1,351	1,256	169	195	195	181
Maine	959	1,104	1,170	1,335	594	708	750	856	[3] 135	[3] 152	[3] 162	[3] 185
Maryland	6,154	5,727	5,899	5,663	2,238	2,121	2,185	2,097	166	160	165	158
Massachusetts	1,158	1,315	1,415	1,613	1,608	1,963	2,081	2,372	[3] 135	[3] 152	[3] 162	[3] 185
Michigan	12,665	13,942	13,942	11,990	1,111	1,223	1,223	1,052	138	141	141	121
Minnesota	32,906	35,416	32,937	25,032	1,086	1,165	1,083	823	154	155	144	109
Mississippi	11,957	12,784	13,330	11,863	819	894	939	835	156	174	183	163
Missouri	28,232	26,707	26,536	20,433	902	856	856	659	154	133	133	102
Montana	14,546	15,877	16,141	13,559	235	259	264	222	142	146	149	125
Nebraska	30,290	33,227	29,117	20,984	635	701	617	444	137	129	114	82
Nevada	2,230	2,216	2,260	2,034	248	249	254	229	[1] 178	[2] 188	[2] 192	[2] 173
New Hampshire	547	634	684	780	1,004	1,174	1,244	1,419	[3] 135	[3] 152	[3] 162	[3] 185
New Jersey	3,006	3,140	3,137	3,420	2,947	3,140	3,234	3,525	120	125	129	141
New Mexico	8,658	8,188	8,315	7,484	185	178	182	163	[1] 166	[2] 176	[2] 180	[2] 162
New York	6,768	7,762	7,910	7,594	720	817	842	808	119	129	133	128
North Carolina	14,262	14,454	15,177	13,659	1,219	1,314	1,380	1,242	141	150	158	142
North Dakota	16,888	17,999	17,999	14,759	405	439	439	360	136	142	142	116
Ohio	28,026	23,914	22,813	17,794	1,730	1,504	1,444	1,126	156	121	116	90
Oklahoma	21,244	23,417	23,067	18,684	614	699	699	566	143	156	156	126
Oregon	10,625	12,690	12,563	10,427	587	705	698	579	132	138	137	114
Pennsylvania	13,176	13,224	14,282	13,139	1,464	1,520	1,642	1,510	140	128	138	127
Rhode Island	186	207	214	243	2,523	2,760	2,926	3,335	[3] 135	[3] 152	[3] 162	[3] 185
South Carolina	5,760	5,487	5,192	5,036	900	946	927	899	130	128	125	121
South Dakota	13,140	15,486	15,021	11,116	292	348	338	250	141	140	136	101
Tennessee	13,274	13,588	13,995	13,156	976	1,014	1,044	982	136	131	135	127
Texas	60,255	74,528	81,117	89,229	436	544	593	652	144	191	208	229
Utah	6,572	6,720	6,740	6,066	530	560	571	514	[1] 169	[2] 179	[2] 183	[2] 165
Vermont	1,255	1,431	1,517	1,730	721	842	893	1,017	[3] 135	[3] 152	[3] 162	[3] 185
Virginia	10,074	11,025	10,803	10,587	1,028	1,125	1,114	1,091	139	144	143	140
Washington	11,997	15,208	15,472	14,853	736	933	961	923	124	152	157	151
West Virginia	2,810	2,752	2,536	2,105	669	688	667	554	150	177	172	143
Wisconsin	18,674	20,257	18,832	15,254	1,004	1,113	1,046	847	159	165	155	126
Wyoming	5,636	6,755	6,851	6,166	161	193	197	177	126	[2] 133	[2] 136	[2] 122

[1] Estimated by combining survey data to obtain an average rate of change for Arizona, Nevada, New Mexico, and Utah.
[2] Estimated using the average of the percentage changes in the Colorado, Idaho, and Montana indexes.
[3] Estimated by combining survey data to obtain an average rate of change for New England States.
[4] Estimated using the average of the percentage changes in the Alabama and Georgia indexes.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Real Estate Market Developments*, annual.

NO. 1136. BALANCE SHEET OF THE FARMING SECTOR: 1970 TO 1984

[In billions of dollars, except percent. As of December 31. Includes farm operator households. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series K 204-219, for data before revisions]

ITEM	CURRENT DOLLARS						CONSTANT (1972) DOLLARS [1]					
	1970	1975	1980	1982	1983	1984, prel.	1970	1975	1980	1982	1983	1984, prel.
Assets	**326.0**	**576.4**	**1,108.3**	**1,082.0**	**1,061.4**	**955.8**	**356.5**	**458.2**	**621.2**	**521.7**	**492.9**	**427.8**
Annual percent change [2]	4.8	12.1	14.0	–1.2	–1.9	–9.9	.3	5.1	6.3	–8.4	–5.5	–13.2
Physical assets:												
Real estate	223.2	418.2	846.6	808.6	798.0	693.7	244.1	332.5	474.5	389.9	370.6	310.5
Non-real estate:												
Livestock and poultry [3]	23.7	29.4	60.6	53.0	50.0	49.6	25.9	23.4	34.0	25.6	23.2	22.2
Machinery, motor vehicles	34.4	64.0	102.5	108.8	105.8	99.4	37.6	50.9	57.4	52.5	49.2	44.5
Crops stored [4]	10.7	21.3	36.5	40.6	33.2	33.7	11.7	16.9	20.5	19.6	15.4	15.1
Household furnishings, equipment	10.0	11.7	19.4	23.0	24.4	26.1	10.9	9.3	10.9	11.1	11.3	11.7
Financial assets:												
Deposits and currency	12.4	14.5	16.2	17.4	18.2	20.0	13.6	11.5	9.1	8.4	8.4	8.9
United States savings bonds	3.6	3.9	3.8	3.5	3.6	3.6	3.9	3.1	2.1	1.7	1.7	1.6
Investments in cooperatives	8.0	13.4	22.8	27.1	28.5	30.0	8.7	10.6	12.8	13.1	13.2	13.4
Claims	**326.0**	**576.4**	**1,108.3**	**1,082.0**	**1,061.4**	**955.8**	**356.5**	**458.2**	**621.2**	**521.7**	**492.9**	**427.8**
Liabilities	54.5	91.7	182.3	217.2	216.2	212.5	59.6	72.9	102.2	104.7	100.4	95.1
Real estate debt	30.3	49.7	95.8	110.0	112.6	111.6	33.1	39.5	53.7	53.0	52.3	49.9
Non-real estate debt to—												
Commodity Credit Corp. [5]	1.9	.4	5.0	15.4	10.8	8.7	2.1	.3	2.8	7.4	5.0	3.9
Other reporting agencies [6]	17.4	33.0	63.9	72.2	73.9	74.2	19.0	26.2	35.8	34.8	34.3	33.2
Non-reporting creditors [7]	4.8	8.5	17.7	19.5	18.9	18.0	5.2	6.8	9.9	9.4	8.8	8.1
Proprietors' equities	271.5	484.7	926.0	864.8	845.1	743.3	296.9	385.3	519.0	417.0	392.4	332.7

[1] Constant dollar figures are based on gross national product implicit price deflators for year as published in the *Economic Report of the President, 1985* by Council of Economic Advisers. [2] Average change from prior year shown; for 1970, change from 1965. For explanation of annual percent change, see Guide to Tabular Presentation. [3] Excludes horses and mules. [4] Includes all crops held on farms and crops held off farms by farmers as security for CCC loans. [5] Nonrecourse CCC loans secured by crops owned by farmers are included as assets in this balance sheet. [6] Loans of all operating banks, production credit associations, and Farmers Home Administration, and discounts of Federal intermediate credit banks for agricultural credit corporations and livestock loan companies. [7] Loans and credits extended by dealers, merchants, finance companies, individuals, and others. Estimates based on fragmentary data.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: National Financial Summary, 1984*, and unpublished data.

NO. 1137. FARM DEBT OUTSTANDING, BY TYPE OF LENDER: 1970 TO 1984

[In billions of dollars, except percent. As of Dec. 31. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series K 361-367 and K 376-380]

LENDER	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Farm debt, total	**54.5**	**81.8**	**91.7**	**104.1**	**123.0**	**141.1**	**166.1**	**182.3**	**202.1**	**217.2**	**216.2**	**212.5**
Annual percent change [1]	6.0	10.7	12.1	13.5	18.2	13.9	18.6	9.7	10.9	7.5	–.5	–1.7
Farm debt/asset ratio (percent)	16.7	16.3	15.9	15.7	16.7	16.2	16.4	16.5	18.2	20.1	20.4	22.2
Real estate debt	30.3	44.7	49.7	55.3	63.5	71.6	85.6	95.8	105.8	110.0	112.6	111.6
Federal land banks	7.1	13.5	16.0	18.6	21.5	24.8	29.8	36.2	43.8	47.7	48.8	49.1
Life insurance companies	5.6	6.3	6.7	7.4	8.8	10.5	12.2	12.9	13.1	12.8	12.7	12.4
Commercial and savings banks	3.8	6.0	6.3	6.8	7.8	8.6	8.6	8.7	8.4	8.4	9.3	10.2
Farmers Home Administration [2]	2.4	3.2	3.4	3.7	4.0	4.1	7.1	7.7	8.7	9.1	9.4	10.0
Individuals and others [3]	11.4	15.8	17.3	18.9	21.3	23.6	27.9	30.2	31.8	32.0	32.3	29.9
Non-real estate debt	24.1	37.1	42.0	48.8	59.5	69.5	80.5	86.6	96.3	107.2	103.6	100.9
Commercial and savings banks	11.1	18.2	20.2	23.3	25.7	28.3	31.0	31.6	32.9	36.1	38.1	39.7
Production credit associations [4]	5.5	9.9	11.1	12.6	13.9	15.5	18.8	20.5	22.1	21.3	20.2	18.8
Farmers Home Administration	0.8	1.0	1.8	1.9	3.1	5.8	9.0	11.8	14.4	14.8	14.6	15.6
Individuals and others [5]	4.8	7.5	8.5	10.0	12.2	14.3	16.6	17.7	18.8	19.5	18.9	18.0
Commodity Credit Corporation	1.9	.3	.4	1.0	4.5	5.7	5.1	5.0	8.0	15.4	10.8	8.7

[1] Annual change from prior year shown; for 1970, change from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Includes direct and insured farm ownership, farm housing, soil and water and recreation loans secured by *farm real estate*.. [3] Includes seller and other individual financing of farm real estate sales and unclassified credit sources. [4] Also includes Federal intermediate credit bank loans to financial groups other than production credit associations. [5] Includes merchants and dealers, individuals, Small Business Administration, and all other unclassified credit sources.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: National Financial Summary, 1984*.

No. 1138. Indicators of Financial Stress in Agriculture, 1980 to 1984, and by Farm Region, 1984

[**In percent.** For years ending in **June,** except as noted. Based on a survey of approximately 1,000 bankers which reflects their perception of farm financial conditions in their lending areas]

Financial stress indicator	1980	1981	1982	1983	1984					
					Total	Northeast [1]	Corn Belt [2]	South [3]	Plains [4]	West [5]
Average delinquency rate [6 7]	(NA)	(NA)	3.9	3.7	4.4	5.3	4.3	4.0	4.1	5.0
Farm borrowers who had bank financing discontinued	4.5	2.9	3.3	2.9	3.4	3.5	3.0	4.5	3.7	2.9
Farm borrowers loaned-up to practical limit [7 8]	27	(NA)	32	28	33	30	31	46	31	39
Farmers in bank lending area who went out of business	2.1	(NA)	2.2	2.3	3.6	3.4	3.6	4.4	3.8	3.0
Farmers in bank lending area who went through bankruptcy	(NA)	(NA)	.8	1.1	2.6	2.6	2.3	4.9	2.3	2.3

NA Not available. [1] ME, NH, VT, MA, RI, CT, NY, NJ, PA, DE, MD, DC, MI, WI, and MN. [2] OH, IN, IL, IA, and MO. [3] VA, WV, NC, SC, GA, FL, KY, TN, AL, MS, AR, and LA. [4] ND, SD, NE, KS, OK, and TX. [5] MT, ID, WY, CO, NM, AZ, UT, NV, WA, OR, CA, AK, and HI.
[6] Percentage of dollar farm loan volume 30 days or more delinquent. [7] As of June of year shown. [8] Farm customers who have reached their maximum debt load.

Source: American Bankers Association, Washington, DC, *Agricultural Banker,* selected issues.

No. 1139. Net Cash Income and Net Cash Flow of Farm Operators: 1970 to 1984

[**In billions of dollars.** Net cash income and net cash flow provide measures of the cash available to farm operators in a calendar year. Minus sign (−) indicates net loan redemption]

Item	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Net cash income	18.1	29.0	29.4	27.3	34.6	37.0	37.2	35.8	38.3	38.3	39.2
Gross cash income	54.8	90.7	97.2	99.3	117.1	135.1	143.3	146.5	149.0	148.1	153.3
Cash expenses	36.7	61.7	67.8	72.0	82.6	98.1	106.1	110.7	110.7	109.8	114.1
Change in loans outstanding	2.4	9.1	11.1	14.4	15.9	23.8	15.3	15.6	7.3	3.5	−1.5
Real estate loans	1.1	4.6	5.2	7.6	7.6	13.0	9.4	9.3	4.0	2.5	−.8
Nonreal estate loans [1]	1.2	4.5	6.0	6.8	8.3	10.9	5.9	6.2	3.3	1.0	−.7
Net change in operators' currency and demand deposits	.1	.1	(Z)	.1	.1	.1	.1	.2	.2	.3	.5
Net rent to all landlords	2.4	4.7	4.0	4.0	4.6	5.6	5.8	5.8	5.7	4.6	5.4
Capital expenditures	6.8	12.4	14.0	15.0	17.9	19.9	18.0	16.8	13.7	13.0	12.5
Net cash flow [2]	16.1	30.4	30.6	30.8	37.2	46.7	40.4	40.6	37.9	33.6	31.2

Z Less than $50,000. [1] Excludes Commodity Credit Corporation loans. [2] Net cash income plus change in loans outstanding plus net change in currency and demand deposits plus net rent to all landlords minus capital expenditures.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: National Financial Summary,* annual.

No. 1140. Farms, Farm Income, and Assets, by Value of Sales: 1984

[Minus sign (−) indicates loss]

Farms with value of sales of—	Number of farms [1] (1,000)	Gross income [2] (bil. dol.)	Cash receipts [3] (bil. dol.)	Net income [2] (bil. dol.)	Assets [4] (bil. dol.)	Debt [4] (bil. dol.)	Debt to asset ratio [4] (percent)	Percent distribution: Number of farms [1]	Percent distribution: Gross income [2]	Percent distribution: Net income [2]	Percent distribution: Assets [4]
Total	**2,328**	**166.2**	**153.2**	**26.7**	**955.8**	**212.5**	**22.2**	**100.0**	**100.0**	**100.0**	**100.0**
Less than $2,500	532	3.5	.7	−.9	67.4	7.0	10.4	22.8	2.1	−3.3	7.1
$2,500–$4,999	275	2.3	1.1	−.6	40.3	4.6	11.4	11.8	1.4	−2.3	4.2
$5,000–$9,999	314	4.0	2.6	−.5	50.7	6.5	12.8	13.5	2.4	−1.8	5.3
$10,000–$19,999	269	5.5	4.2	−.4	62.9	9.3	14.8	11.6	3.3	−1.5	6.6
$20,000–$39,999	247	8.8	7.6	.1	88.1	14.3	16.2	10.6	5.3	.4	9.2
$40,000–$99,999	353	26.7	24.6	2.1	194.9	41.0	21.0	15.2	16.1	8.0	20.4
$100,000–$249,999	229	39.2	37.4	7.3	224.6	52.4	23.3	9.9	23.6	27.4	23.5
$250,000–$499,999	77	28.0	27.2	6.3	110.1	31.9	29.0	3.3	16.8	23.6	11.5
$500,000 and over	31	48.3	47.9	13.2	116.9	45.5	38.9	1.3	29.1	49.5	12.2

[1] Based on 1974 census definition. See text, pp. 631 and 632. [2] Data are before inventory adjustment. For components of income, see table 1143. [3] Includes government payments and other farm income.
[4] Data as of December 31. Includes farm households.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: National Financial Summary, 1984.*

No. 1141. Farm Assets and Debt, by State: 1983 and 1984

[As of **December 31.** Includes farm operator households]

Division and State	Assets (bil. dol.)		Debt (bil. dol.)		Debt/asset ratio, 1984 (percent)
	1983	1984	1983	1984	
U.S.	1,061	956	216	213	22.2
N.E.:					
ME	1.9	2.0	.4	.4	20.1
NH	.9	1.1	.1	.1	9.7
VT	2.4	2.6	.4	.4	14.8
MA	1.9	2.2	.2	.3	12.0
RI	.3	.3	(z)	(z)	9.5
CT	1.9	2.3	.3	.3	11.1
M.A.:					
NY	13.5	13.2	3.5	3.1	23.3
NJ	4.2	4.5	.5	.5	11.0
PA	20.0	19.0	3.0	3.0	15.8
E.N.C.:					
OH	31.3	26.2	5.2	5.1	19.6
IN	34.8	29.4	7.6	7.4	25.1
IL	65.4	51.4	11.3	11.2	21.9
MI	20.5	18.4	4.4	4.4	23.9
WI	30.8	27.1	7.6	7.4	27.4
W.N.C.:					
MN	48.0	39.8	11.8	11.7	29.5
IA	68.6	53.6	16.8	16.3	30.5
MO	36.4	30.2	7.1	7.0	23.2
ND	25.6	22.4	5.8	5.7	25.6
SD	21.7	17.8	5.4	5.3	30.0
NE	41.1	32.2	10.8	10.3	32.0
KS	38.5	32.4	8.8	8.4	26.0
S.A.:					
DE	1.6	1.4	.4	.4	26.8
MD	9.7	7.5	1.2	1.2	15.5
VA	15.1	15.0	2.2	2.3	15.1
WV	3.6	3.2	.4	.4	12.2
S.A.—Con.					
NC	20.6	19.1	4.1	4.0	21.1
SC	7.2	7.2	1.8	1.7	24.1
GA	16.8	16.3	4.8	4.6	28.5
FL	24.8	23.8	4.3	4.2	17.5
E.S.C.:					
KY	20.6	19.5	4.1	4.1	20.9
TN	19.6	19.0	3.1	3.1	16.2
AL	12.7	12.3	2.5	2.4	19.5
MS	17.8	16.1	4.2	4.2	26.4
W.S.C.:					
AR	19.8	18.3	4.2	4.2	23.0
LA	17.2	16.3	3.4	3.4	20.7
OK	30.1	25.5	6.0	5.6	22.1
TX	99.6	108.0	13.6	14.0	13.0
Mt.:					
MT	21.0	18.1	4.5	4.3	23.8
ID	16.0	15.0	3.7	3.6	24.0
WY	8.5	7.8	1.3	1.2	16.0
CO	21.1	19.7	4.8	4.7	23.8
NM	10.0	9.1	1.4	1.4	15.2
AZ	12.5	11.5	1.9	2.0	17.0
UT	8.3	7.6	1.1	1.1	14.9
NV	2.9	2.6	.4	.4	16.6
Pac.:					
WA	20.3	19.6	4.0	4.1	20.8
OR	16.6	14.3	3.5	3.4	23.7
CA	75.2	69.3	17.8	17.8	25.7
AK	.4	.4	(z)	(z)	10.4
HI	4.0	4.2	.3	.3	7.5

Z Less than $50 million.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: State Financial Summary, 1984.*

No. 1142. Gross Farm Product—Summary: 1970 to 1984

[**In billions of dollars.** For definition of gross product, see text, pp. 427–430. Minus sign (–) indicates decrease. See *Historical Statistics, Colonial Times to 1970,* series K 220–239, for single-year figures prior to minor revisions issued in 1981]

Item	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
CURRENT DOLLARS												
Total value of farm output [1]	**54.9**	**97.8**	**99.5**	**101.1**	**106.8**	**124.2**	**149.9**	**149.0**	**165.6**	**158.1**	**142.0**	**168.7**
Farm marketings cash receipts [2]	50.4	92.7	88.1	94.5	96.0	112.5	131.7	140.5	142.6	144.3	137.4	145.1
Farm products consumed [3]	.8	1.3	1.3	1.3	1.2	1.2	1.3	1.1	1.1	1.0	1.0	1.0
Change in farm inventories	.1	–1.8	3.5	–2.0	1.1	1.1	5.7	–5.3	7.8	–2.1	–10.4	8.6
Gross rental value of farm housing	3.0	4.7	5.4	6.0	7.3	8.2	9.8	11.1	12.2	12.9	12.4	12.8
Less: Intermediate products purchased	29.1	50.1	50.7	55.2	58.4	65.5	78.4	81.3	84.8	83.0	80.5	89.7
Equals: Gross farm product	**25.8**	**47.7**	**48.9**	**45.9**	**48.4**	**58.7**	**71.6**	**67.7**	**80.8**	**75.1**	**61.5**	**78.9**
Less: Capital consumption allowances [4]	5.9	8.5	10.1	11.1	12.6	14.2	16.3	18.9	20.6	21.9	22.4	22.8
Indirect business taxes	2.0	2.3	2.5	2.7	2.8	2.8	3.0	3.4	3.3	3.4	3.5	3.7
Plus: Subsidies to farm operators	3.3	.5	.7	.6	1.6	2.7	1.2	1.2	1.8	3.3	8.8	7.4
Equals: Income	**21.2**	**37.4**	**37.0**	**32.7**	**34.6**	**44.4**	**53.4**	**46.6**	**58.8**	**53.1**	**44.4**	**59.9**
CONSTANT (1972) DOLLARS												
Total value of farm output [1]	**63.1**	**65.1**	**65.9**	**66.7**	**69.6**	**71.2**	**74.4**	**71.9**	**76.2**	**74.7**	**67.9**	**76.8**
Farm marketings cash receipts [2]	57.6	60.4	59.8	63.7	65.4	67.0	67.9	70.6	69.3	72.8	69.4	70.0
Farm products consumed [3]	.8	1.0	1.0	1.0	.8	.7	.7	.6	.6	.5	.5	.5
Change in farm inventories	.4	–.3	1.2	–1.9	–.3	–	2.4	–2.3	3.4	–1.2	–4.2	4.0
Gross rental value of farm housing	3.7	3.3	3.2	3.1	3.0	2.8	2.6	2.4	2.1	1.8	1.6	1.5
Less: Intermediate products purchased	32.0	33.3	32.3	34.6	36.5	38.6	40.3	36.9	35.9	35.7	34.1	37.2
Equals: Gross farm product	**31.1**	**31.8**	**33.6**	**32.1**	**33.1**	**32.6**	**34.2**	**35.0**	**40.3**	**38.9**	**33.8**	**39.7**

– Represents zero. [1] Includes other farm income not shown separately. [2] Includes net CCC loans. [3] In households where raised. [4] With capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July issues and unpublished data.

No. 1143. Farm Income and Expenses: 1970 to 1984

[*In billions of dollars.* See also *Historical Statistics, Colonial Times to 1970,* series K 192, K 259-260, K 264-285, and K 326]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Gross income from farming	**58.8**	**98.3**	**100.6**	**102.9**	**108.8**	**128.4**	**150.7**	**149.6**	**166.0**	**161.6**	**150.6**	**174.0**
Marketings, cash receipts	50.5	92.4	88.9	95.4	96.2	112.2	131.5	139.8	142.1	142.9	136.3	141.8
Crops [1]	21.0	51.1	45.8	49.0	48.6	53.0	62.3	71.8	72.9	72.7	66.8	69.1
Net CCC loans [2]	−.1	−.2	.2	1.0	3.6	(Z)	−.9	.5	3.0	9.1	−.7	−.8
Livestock	29.5	41.3	43.1	46.3	47.6	59.2	69.2	68.0	69.2	70.3	69.4	72.7
Government payments	3.7	.5	.8	.7	1.8	3.0	1.4	1.3	1.9	3.5	9.3	8.4
Value of home consumption	.8	1.2	1.1	1.2	1.2	1.1	1.2	1.1	1.1	1.0	1.0	1.0
Rental value of dwellings	3.3	4.9	5.4	6.1	7.3	8.1	10.5	11.0	12.6	12.9	12.1	11.9
Other farm income [1]	.6	.8	1.0	1.1	1.2	1.9	2.2	2.3	2.5	2.6	2.5	3.0
Value of change in inventories [3]	(Z)	−1.6	3.4	−1.5	1.1	2.1	5.0	−5.9	5.8	−1.4	−10.6	7.8
Expenses of farm production	**44.5**	**71.0**	**75.0**	**82.7**	**88.9**	**101.0**	**119.0**	**129.4**	**136.1**	**136.9**	**135.6**	**139.5**
Intermediate products	25.6	42.1	43.2	47.9	50.7	58.9	69.9	74.5	75.4	72.7	73.6	77.2
Farm origin	13.3	21.6	20.0	22.6	23.5	28.8	35.2	34.9	33.3	31.5	33.1	33.4
Feed	8.0	14.5	12.9	14.4	14.0	16.0	19.3	21.0	20.9	18.6	21.3	20.4
Livestock	4.3	5.1	5.0	5.9	7.1	10.2	13.0	10.7	9.0	9.7	8.8	9.5
Seed [4]	.9	1.9	2.1	2.4	2.5	2.6	2.9	3.2	3.4	3.2	3.0	3.5
Manufactured inputs	5.4	10.8	12.4	13.4	13.9	15.3	17.9	22.4	23.9	22.2	21.3	23.1
Fertilizer and lime	2.4	6.1	6.7	6.5	6.5	6.6	7.4	9.5	9.4	8.0	7.6	8.9
Pesticides	1.0	1.5	1.8	2.1	1.9	2.7	3.4	3.5	4.2	4.3	4.2	4.9
Fuel and oil	1.7	2.7	3.3	4.0	4.4	4.6	5.6	7.9	8.6	7.8	7.4	7.1
Electricity	.3	.5	.6	.9	1.1	1.4	1.4	1.5	1.7	2.0	2.1	2.2
Repairs and operation [5]	2.8	4.0	4.5	5.1	5.8	6.6	7.3	7.6	7.6	7.7	7.5	7.9
Machine hire, custom work, and contract labor [6]	1.3	1.9	2.2	2.3	2.5	2.7	3.1	2.8	3.0	3.1	2.6	3.0
Other	2.8	3.9	4.1	4.4	5.0	5.5	6.4	6.7	7.7	8.2	9.1	9.7
Interest	3.4	5.7	6.4	7.4	8.5	10.2	13.1	16.3	19.9	21.8	21.4	21.1
Real estate	1.8	2.8	3.3	3.8	4.3	5.1	6.2	7.5	9.1	10.5	10.8	10.7
Non-real estate	1.6	2.9	3.1	3.6	4.2	5.2	6.9	8.7	10.7	11.3	10.6	10.4
Wages paid hired farm labor [7]	3.9	5.5	5.9	6.7	7.1	7.4	8.0	8.3	7.9	9.1	8.7	9.0
Net rent to nonoperator landlords	2.1	4.1	4.0	3.5	3.4	4.0	4.8	5.0	5.1	5.0	4.0	4.8
Capital consumption [8]	6.9	10.5	12.4	13.8	15.5	17.0	19.3	21.5	23.6	23.9	23.5	23.0
Business taxes	2.6	3.1	3.2	3.5	3.7	3.6	3.9	3.9	4.2	4.4	4.3	4.4
Net income of farm operators from farming	**14.4**	**27.3**	**25.5**	**20.2**	**19.9**	**27.4**	**31.7**	**20.2**	**29.8**	**24.6**	**15.0**	**34.5**
In constant (1967) dollars	12.4	18.5	15.8	11.8	11.0	14.0	14.6	8.2	11.0	8.5	5.0	11.1

Z Less than $50 million. [1] Forest product sales are included in cash receipts for crops from 1970 to 1977 and in other farm income beginning 1978. [2] Commodity Credit Corporation (CCC) loans made minus loans repaid. [3] Minus sign (−) indicates decrease in inventories. [4] Includes bulbs, plants, and trees. [5] Expenditures for repairs and maintenance of farm buildings, motor vehicles, and machinery. [6] Includes social security payments on contract labor. [7] Includes social security payments on cash wages and perquisites. [8] Depreciation and accidental damage.

No. 1144. Farm Income—Cash Receipts From Farm Marketings: 1970 to 1984

[Represents gross receipts from commercial market sales as well as net Commodity Credit Corporation loans. See also *Historical Statistics, Colonial Times to 1970,* series K 286-302]

ITEM	FARM MARKETINGS (*mil dol.*)								PERCENT		
	1970	1975	1979	1980	1981	1982	1983	1984	1970	1980	1984
Total	**50,509**	**88,902**	**131,505**	**139,760**	**142,087**	**142,938**	**136,260**	**141,835**	**100.0**	**100.0**	**100.0**
All crops	20,977	45,813	62,269	71,769	72,936	72,670	66,817	69,096	41.5	51.4	48.7
Feed crops	5,109	12,183	14,040	18,308	17,774	17,231	16,191	16,451	10.1	13.1	11.6
Corn	3,326	8,530	10,279	13,959	13,349	12,625	11,640	11,617	6.6	10.0	8.2
Hay	614	1,387	1,674	1,917	1,850	1,990	2,121	2,290	1.2	1.4	1.6
Sorghum	641	1,302	1,168	1,392	1,344	1,484	1,159	1,298	1.3	1.0	1.0
Barley	298	625	648	736	857	793	960	941	.6	.5	.7
Oil-bearing crops	3,591	7,480	14,300	15,493	13,853	13,814	13,505	13,666	7.1	11.1	9.6
Soybean	3,164	6,637	12,938	14,241	12,245	12,519	12,136	12,111	6.3	10.2	8.5
Peanuts	360	742	831	607	1,048	818	793	1,098	.7	.4	.8
Food grains	2,542	8,195	9,047	10,402	11,619	11,469	9,733	9,739	5.0	7.4	6.9
Wheat	2,067	7,026	7,823	8,654	9,852	9,913	8,798	8,443	4.1	6.3	6.0
Rice	447	1,136	1,188	1,519	1,729	1,515	882	1,223	.1	1.1	1.0
Vegetables [1]	2,814	5,346	6,481	7,299	8,771	8,113	8,105	8,911	5.6	5.2	6.3
Fruits, tree nuts [1]	2,071	3,563	6,462	6,557	6,575	6,805	6,026	6,265	4.1	4.7	4.4
Cotton lint, seed	1,254	2,311	4,305	4,478	4,551	4,928	3,316	3,359	2.5	3.2	2.4
Tobacco	1,388	2,155	2,271	2,672	3,250	3,342	2,891	2,841	2.7	1.9	2.0
Other [2]	2,208	4,579	5,363	6,560	6,543	6,969	7,109	7,863	4.4	4.7	5.5
All livestock and products	29,532	43,089	69,236	67,991	69,151	70,268	69,443	72,739	58.5	48.6	51.3
Cattle and calves	13,633	17,520	35,025	31,819	29,538	29,813	28,682	30,601	27.0	22.8	21.6
Dairy products	6,527	9,923	14,642	16,365	16,095	18,234	18,757	17,927	12.9	11.7	12.6
Hogs	4,478	7,916	9,058	8,942	9,794	10,659	9,785	9,691	8.9	6.4	6.8
Broilers	1,464	2,953	4,026	4,303	4,646	4,478	4,873	5,970	2.9	3.1	4.2
Eggs	2,109	2,814	3,329	3,247	3,649	3,438	3,449	4,086	4.2	2.3	2.9
Turkeys, other poultry [3]	494	808	1,405	1,482	1,522	1,522	1,557	1,962	1.0	1.1	1.4
Sheep and lambs	334	386	470	471	416	445	426	465	.7	.3	.3
Farm chickens	100	110	164	128	132	119	147	170	.2	.1	.1
Other [4]	393	659	1,117	1,234	1,359	1,560	1,767	1,867	.8	1.0	1.3

[1] Melons included with vegetables. [2] Sugar crops, greenhouse and nursery products, forest products (for 1970 and 1975), legume and grass seeds, hops, mint, broom-corn, popcorn, hemp fiber and seed, and flax fiber. [3] Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs. [4] Wool, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.

Source of tables 1143 and 1144: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: National Financial Summary, 1984.*

No. 1145. Cash Income, by Type of Farm: 1983 and 1984

[**In billions of dollars, except as indicated.** Farms were classified in a particular group if its sales for that product group amounted to 50 percent or more of the total value of farm products sold. The Standard Industrial Classification (SIC) code for each farm type is shown in parentheses]

ITEM	Total [1]	Cash grain (011)	Cotton (0131)	Tobacco (0132)	Other field crop (0133, 0134, 0139)	Vegetable and melon (016)	Fruit and tree nut (017)	Horticultural specialty (018)	Cattle, hog, and sheep [2] (021)	Dairy (024)	Poultry and egg (025)
Number of farms (1,000):											
1983	2,370	611	22	137	107	33	89	31	960	174	44
1984	2,333	601	22	135	105	32	88	30	945	172	44
Gross cash income:											
1983	148.1	40.9	4.2	2.9	6.6	6.1	7.5	4.3	37.3	20.8	10.4
1984	153.3	40.6	4.1	3.0	6.7	6.5	7.8	5.0	39.4	20.7	12.6
Cash receipts: [3]											
1983	136.3	33.9	3.2	2.8	5.6	6.0	7.5	4.3	36.0	20.3	10.3
1984	141.8	34.6	3.3	2.9	5.6	6.4	7.7	4.9	38.0	19.7	12.1
Government payments: [4]											
1983	9.3	6.6	.9	.1	.2	.1	(z)	(z)	.9	.2	(z)
1984	8.4	5.6	.8	.1	.1	.1	(z)	(z)	.8	.7	(z)
Other farm income:											
1983	2.5	.4	(z)	(z)	.9	(z)	(z)	(z)	.4	.3	(z)
1984	3.0	.5	(z)	(z)	1.0	(z)	.1	.1	.5	.4	(z)
Cash expenses: [5]											
1983	109.8	30.1	2.6	1.9	3.4	2.6	4.4	2.2	34.2	14.8	8.7
1984	114.1	32.2	2.7	2.0	3.6	2.7	4.6	2.2	35.1	14.9	8.5
Net cash income:											
1983	38.3	10.8	1.6	1.1	3.3	3.5	3.2	2.2	3.2	6.0	1.7
1984	39.2	8.4	1.4	1.0	3.1	3.8	3.2	2.8	4.3	5.8	4.0
Net farm income:											
1983	15.0	−2.8	.6	.5	3.4	3.0	1.8	2.1	1.1	3.4	1.5
1984	34.5	8.1	1.7	1.0	4.1	3.4	1.9	2.7	2.8	3.6	3.8

Z Less than $50 million. [1] Includes other types of farms not shown separately. [2] Includes farms, ranches and feedlots. [3] Cash receipts from farm marketing. [4] Includes payment-in-kind (PIK) entitlements. [5] Excludes depreciation, labor perquisites, and those expenses associated with farm dwellings. Includes net rent to all landlords.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Agricultural Outlook*, September 1985, and unpublished data.

No. 1146. Government Payments to Farms by Value of Farm Sales: 1975 to 1984

[Data for 1983 and 1984 include PIK (payment-in-kind) program. See also *Historical Statistics, Colonial Times to 1970*, series K326]

VALUE OF FARM SALES	TOTAL PAYMENTS (mil. dol.)					AVERAGE PAYMENT PER FARM (dollars)				
	1975	1980	1982	1983	1984	1975	1980	1982	1983	1984
Total	**807**	**1,286**	**3,492**	**9,295**	**8,430**	**320**	**529**	**1,455**	**3,922**	**3,521**
Less than $2,500	37	23	54	81	30	46	37	94	146	56
$2,500–$4,999	38	24	60	39	32	123	79	201	136	116
$5,000–$9,999	54	51	127	88	108	174	165	420	285	342
$10,000–$19,999	82	59	146	288	233	260	206	527	1,052	865
$20,000–$39,999	140	146	355	569	544	445	521	1,330	2,210	2,200
$40,000–$99,999	230	414	1,065	1,976	1,874	729	1,169	2,986	5,554	5,309
$100,000–$249,999	[1] 105	[1] 282	1,005	2,949	2,984	[1] 1,091	[1] 1,700	4,341	12,763	13,004
$250,000–$499,999	[2] 64	[2] 195	387	1,867	1,583	[2] 1,665	[2] 2,412	6,160	26,580	20,560
$500,000 and over	57	91	293	1,436	1,044	5,193	3,849	9,829	46,990	33,418

[1] Farms with sales of $100,000–$199,999. [2] Farms with sales of $200,000–$499,999.

No. 1147. Income Per Farm Operator Family by Source and Value of Farm Sales: 1983 and 1984

[**In dollars.** Net income data are before inventory adjustment and include farm operator households. Minus sign (−) indicates loss. See also footnote 1, table 1140]

YEAR AND SOURCE	Less than $2,500	$2,500–$4,999	$5,000–$9,999	$10,000–$19,999	$20,000–$39,999	$40,000–$99,999	$100,000–$249,999	$250,000–$499,999	$500,000 and over
1983, total	**18,514**	**16,394**	**17,477**	**15,575**	**19,178**	**15,512**	**40,800**	**96,001**	**427,366**
Net farm income	−1,498	−2,176	−1,636	−1,293	403	6,082	30,554	84,727	411,624
Off-farm income	20,012	18,570	19,113	16,868	18,774	9,430	10,246	11,274	15,742
1984, total	**19,287**	**17,198**	**18,612**	**16,253**	**21,473**	**15,791**	**42,568**	**93,346**	**437,501**
Net farm income	−1,648	−2,228	−1,538	−1,471	392	6,073	31,878	81,875	423,063
Off-farm income	20,935	19,427	20,150	17,725	21,082	9,719	10,690	11,471	14,438

Source of tables 1146 and 1147: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: National Financial Summary, 1984.*

No. 1148. Indexes of Prices Received and Paid by Farmers: 1970 to 1984

[1977 = 100, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series K 344-353]

ITEM	1970	1973	1974	1975	1976	1978	1979	1980	1981	1982	1983	1984, prel.
Prices received, all products	60	98	105	101	102	115	132	134	139	133	134	142
Crops [1]	52	91	117	105	102	105	116	125	134	121	127	138
Food grains	59	138	192	155	129	122	147	165	166	146	148	143
Feed grains and hay	57	90	134	127	120	101	114	132	141	120	143	146
Cotton	36	54	85	68	99	91	96	114	111	92	104	108
Tobacco	62	74	85	93	93	109	118	125	140	153	155	153
Oil-bearing crops	41	93	96	81	85	93	103	102	110	88	102	109
Fruits	59	84	86	85	80	137	144	124	130	175	122	197
Commercial vegetables [2]	59	76	81	92	91	105	110	113	136	126	130	135
Livestock and products	67	104	94	98	101	124	147	144	143	145	141	146
Meat animals	72	118	98	100	101	134	166	156	150	155	147	151
Dairy products	59	74	86	90	100	109	124	135	142	140	140	139
Poultry and eggs	64	101	94	103	102	106	111	112	116	110	118	135
Prices paid, total [3]	55	71	81	89	95	108	123	138	150	157	161	164
Production [1]	54	73	83	91	97	108	125	138	148	150	153	155
Feed	54	86	104	100	103	98	110	123	134	122	134	135
Feeder livestock	77	121	93	85	97	140	185	177	164	164	160	154
Seed	43	64	82	94	92	105	110	118	138	141	141	151
Fertilizer	48	56	92	120	102	100	108	134	144	144	137	143
Agricultural chemicals	62	67	76	102	111	94	96	102	111	119	125	128
Fuels and energy	52	57	79	88	93	105	137	188	213	210	202	201
Farm and motor supplies	66	73	89	102	100	104	115	134	147	152	152	147
Interest payable per acre	39	55	65	77	88	117	143	174	211	241	250	251
Taxes payable per acre	68	77	81	87	94	100	107	115	123	124	129	132
Wage rates [4]	57	69	79	85	93	107	117	126	137	144	148	150
Parity ratio (1910–14 = 100) [5]	72	91	86	76	71	70	71	65	61	57	56	58

[1] Includes other items not shown separately. [2] Excludes potatoes. [3] Includes production items, interest, taxes, wage rates, and a family living component. The family living component is the Consumer Price Index for all urban consumers from the Bureau of Labor Statistics. See text, pp. 467 and 468, and table 795. [4] Straight average of seasonally adjusted indexes. [5] Ratio of prices received by farmers to prices paid.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Agricultural Prices: Annual Summary.*

No. 1149. Farm Income, 1983 and 1984, and Income/Debt Ratio, 1984, by State

[Farm income data are before inventory adjustment. Includes farm operator households. For farm debt data by State, see table 1141. Minus sign (−) indicates net loss

DIVISION AND STATE	GROSS FARM INCOME (mil. dol.)		NET FARM INCOME (mil. dol.)		Net farm income/ debt ratio, 1984 (percent)
	1983	1984	1983	1984	
U.S	161,188	166,200	25,562	26,704	12.6
N.E.:					
ME	497	519	52.4	71.6	17.7
NH	145	142	20.4	17.6	17.0
VT	490	470	90.8	76.4	20.0
MA	444	450	130.1	135.6	51.8
RI	66	70	28.8	32.5	112.2
CT	380	423	72.5	106.0	40.7
M.A.:					
NY	3,002	3,195	216.9	393.6	12.8
NJ	647	652	156.4	147.4	30.0
PA	3,556	3,700	534.1	683.2	22.9
E.N.C.:					
OH	4,293	4,349	497.0	441.3	8.6
IN	4,788	4,714	263.2	20.4	.3
IL	8,217	8,050	1,419.2	851.4	7.6
MI	3,580	3,632	537.0	529.1	12.0
WI	5,987	6,186	1,072.6	1,283.7	17.3
W.N.C.:					
MN	7,671	7,365	1,290.7	866.1	7.4
IA	10,916	10,774	1,946.9	1,684.8	10.3
MO	4,645	4,528	456.0	327.0	4.7
ND	3,492	3,246	814.8	502.1	8.7
SD	3,048	3,389	406.1	674.3	12.6
NE	7,574	8,152	947.1	1,498.1	14.6
KS	6,390	6,958	426.5	847.0	10.1
S.A.:					
DE	485	549	89.3	138.5	36.3
MD	1,236	1,338	122.8	192.7	16.5
VA	1,857	2,164	47.8	297.4	13.2
S.A.—con.					
WV	323	308	−43.5	−54.8	−14.2
NC	4,296	4,820	763.2	1,140.9	28.3
SC	1,202	1,323	96.5	168.3	9.7
GA	3,703	4,091	738.1	1,083.5	23.3
FL	4,915	4,947	1,844.3	1,901.1	45.6
E.S.C.:					
KY	3,241	3,078	829.8	528.7	13.0
TN	2,416	2,526	276.9	288.2	9.4
AL	2,488	2,550	533.6	556.5	23.2
MS	2,602	2,594	384.5	258.4	6.1
W.S.C.:					
AR	3,538	3,887	645.3	876.5	21.0
LA	2,107	1,859	325.0	31.7	.9
OK	3,324	3,206	395.9	300.6	5.3
TX	11,155	11,477	2,097.3	1,649.6	11.8
Mt.:					
MT	1,878	1,837	153.5	95.9	2.2
ID	2,444	2,598	297.5	442.2	12.3
WY	687	671	−40.1	−72.9	−5.9
CO	3,817	3,732	233.0	556.1	11.9
NM	1,134	1,127	140.7	72.8	5.2
AZ	1,745	1,752	225.4	149.5	7.7
UT	711	708	78.5	62.4	5.5
NV	263	281	13.8	31.2	7.2
Pac.:					
WA	3,410	3,478	840.4	831.0	20.4
OR	2,046	2,227	261.7	435.3	12.8
CA	14,235	15,423	2,685.3	3,311.6	18.6
AK	29	31	5.1	8.9	21.0
HI	573	653	140.8	233.0	74.3

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: State Financial Summary, 1984.*

No. 1150. Farm Income—Farm Marketings, 1983 and 1984, Government Payments, 1984, and Principal Commodities, 1984, by State

[In millions of dollars. Cattle include calves; sheep include lambs; and greenhouse includes nursery. See table 1143]

Division and State	1983 Farm marketings Total	1983 Farm marketings Crops	1983 Farm marketings Livestock and products	1984 Farm marketings Total	1984 Farm marketings Crops	1984 Farm marketings Livestock and products	1984 Government payments	State rank for total farm marketings and principal commodities in order of marketing receipts, 1984
U.S.	**136,250**	**66,817**	**69,443**	**141,835**	**69,096**	**72,739**	**8,430**	**Cattle, dairy products, soybeans, corn.**
N.E.	**1,725**	**610**	**1,115**	**1,769**	**669**	**1,101**	**20**	
ME	438	155	283	456	167	289	4	42—Potatoes, dairy prod., eggs, cattle.
NH	110	32	78	109	33	76	2	48—Dairy prod., greenhouse, eggs, apples.
VT	432	30	402	400	31	369	8	43—Dairy prod., cattle, maple prod., apples.
MA	367	230	137	383	251	132	3	44—Greenhouse, cranberries, dairy prod., eggs.
RI	58	45	12	62	48	14	-	49—Greenhouse, dairy prod., eggs, potatoes.
CT	320	118	203	359	139	221	3	45—Eggs, dairy prod., greenhouse, tobacco.
M.A	**6,198**	**1,921**	**4,278**	**6,376**	**2,088**	**4,288**	**152**	
NY	2,637	718	1,918	2,705	794	1,911	64	21—Dairy prod., greenhouse, cattle, eggs.
NJ	501	365	137	505	371	135	7	41—Greenhouse, dairy prod., soybeans, tomatoes.
PA	3,060	838	2,223	3,166	923	2,242	81	17—Dairy prod., cattle, eggs, greenhouse.
E.N.C	**22,848**	**11,777**	**11,072**	**22,186**	**11,247**	**10,939**	**1,490**	
OH	3,615	2,096	1,520	3,611	1,999	1,612	232	13—Soybeans, dairy prod., corn, hogs.
IN	4,064	2,214	1,850	3,924	2,150	1,774	309	11—Corn, soybeans, hogs, dairy prod.
IL	7,142	4,847	2,295	6,738	4,556	2,182	543	5—Corn, hay, hogs, cattle.
MI	2,901	1,634	1,267	2,777	1,479	1,298	188	20—Dairy prod., corn, cattle, soybeans.
WI	5,126	986	4,140	5,136	1,063	4,073	238	8—Dairy prod., cattle, corn, hogs.
W.N.C	**36,711**	**16,268**	**20,444**	**37,745**	**16,593**	**21,153**	**3,299**	
MN	6,472	3,135	3,337	6,242	2,904	3,338	530	6—Dairy prod., soybeans, corn, cattle.
IA	9,344	4,204	5,140	9,312	4,300	5,013	743	3—Hogs, corn, soybeans, dairy prod.
MO	3,770	1,507	2,263	3,729	1,562	2,166	225	12—Cattle, soybeans, hogs, dairy prod.
ND	2,731	2,083	648	2,544	1,854	690	463	24—Wheat, cattle, sunflowers, barley.
SD	2,567	918	1,649	2,889	1,086	1,803	231	19—Cattle, wheat, hogs, corn.
NE	6,432	2,214	4,218	7,082	2,559	4,523	533	4—Cattle, corn, hogs, soybeans.
KS	5,395	2,207	3,189	5,947	2,328	3,620	574	7—Cattle, wheat, hogs, sorghum grain.
S.A	**15,594**	**8,618**	**6,975**	**17,130**	**9,338**	**7,792**	**318**	
DE	454	139	316	520	137	383	5	40—Broilers, soybeans, corn, dairy prod.
MD	1,047	328	719	1,154	343	811	24	34—Broilers, dairy prod., corn, soybeans.
VA	1,453	561	892	1,794	673	1,121	46	29—Cattle, dairy prod., broilers, tobacco.
WV	211	41	170	226	44	182	6	47—Cattle, dairy prod., broilers, apples.
NC	3,630	1,951	1,679	4,126	2,198	1,927	72	10—Tobacco, broilers, hogs, turkeys.
SC	994	588	405	1,136	708	428	45	35—Soybeans, tobacco, eggs, dairy prod.
GA	3,196	1,480	1,716	3,587	1,739	1,849	79	14—Broilers, peanuts, soybeans, eggs.
FL	4,609	3,530	1,078	4,587	3,496	1,091	41	9—Oranges, greenhouse, cattle, tomatoes.
E.S.C	**8,652**	**4,074**	**4,577**	**8,994**	**4,146**	**4,847**	**395**	
KY	2,742	1,266	1,475	2,652	1,240	1,412	97	22—Tobacco, horses/mules, cattle, dairy prod.
TN	1,797	889	908	1,985	981	1,003	77	28—Cattle, dairy prod., tobacco, soybeans.
AL	2,040	773	1,267	2,189	802	1,387	57	26—Broilers, cattle, soybeans, eggs.
MS	2,073	1,146	927	2,168	1,123	1,045	164	27—Soybeans, broilers, cotton, cattle.
W.S.C	**16,140**	**6,934**	**9,205**	**17,108**	**7,081**	**10,029**	**1,422**	
AR	2,875	1,380	1,495	3,336	1,462	1,874	210	16—Broilers, soybeans, rice, cattle.
LA	1,685	1,185	500	1,527	1,050	478	121	31—Soybeans, cotton, rice, broilers.
OK	2,568	879	1,689	2,562	787	1,776	309	23—Cattle, wheat, turkeys, dairy prod.
TX	9,012	3,490	5,521	9,683	3,782	5,901	782	2—Cattle, cotton, dairy prod., sorghum grain.
Mt	**10,401**	**4,415**	**5,987**	**10,975**	**4,604**	**6,371**	**750**	
MT	1,489	832	657	1,419	647	772	240	33—Cattle, wheat, barley, dairy prod.
ID	2,114	1,228	886	2,288	1,386	903	132	25—Cattle, potatoes, wheat, dairy prod.
WY	594	113	482	574	107	466	25	39—Cattle, wheat, sheep, sugar beets.
CO	2,926	925	2,000	3,352	1,148	2,204	154	15—Cattle, wheat, corn, dairy prod.
NM	964	329	634	989	332	657	49	36—Cattle, dairy prod., hay, wheat.
AZ	1,524	781	745	1,521	768	753	118	32—Cattle, cotton, dairy prod., hay.
UT	561	131	430	580	136	444	28	38—Cattle, dairy prod., hay, turkeys.
NV	229	76	153	252	80	172	4	46—Cattle, hay, dairy prod., potatoes.
Pac	**17,990**	**12,201**	**5,790**	**19,552**	**13,331**	**6,221**	**583**	
WA	2,857	1,941	916	2,933	1,903	1,030	171	18—Wheat, dairy prod., cattle, apples.
OR	1,600	1,033	567	1,792	1,166	626	76	30—Cattle, wheat, dairy prod., greenhouse.
CA	12,982	8,769	4,213	14,185	9,714	4,471	335	1—Dairy prod., cattle, cotton, grapes.
AK	22	15	7	25	18	7	-	50—Greenhouse, dairy prod., hay, potatoes.
HI	529	443	87	617	530	87	1	37—Cane for sugar, pineapples, papayas, greenhouse.

- Represents zero.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: State Financial Summary, 1984.*

No. 1151. Commodity Credit Corporation (C.C.C.) Loans—Number of Farms Receiving Loans and Value of Loans: 1982

[Total and data by size of loan receipts include abnormal farms (see footnote 2, table 1129)]

Amount of C.C.C. loans received and type of organization	Farms receiving C.C.C. loans		Value of C.C.C. loans		Size of farm and value of farm sales	Farms receiving C.C.C. loans		Value of C.C.C. loans	
	Number	Percent distribution	Amount (mil. dol.)	Percent distribution		Number	Percent distribution	Amount (mil. dol.)	Percent distribution
Total	**188,765**	**100.0**	**6,611**	**100.0**	Under 50 acres	3,283	1.7	24	.4
Farms with loan receipts—					50-179 acres	23,129	12.3	203	3.1
$1-$499	7,124	3.8	2	(z)	180-499 acres	65,121	34.5	1,314	19.8
$500-$999	5,089	2.7	4	(z)	500-999 acres	51,383	27.2	1,869	28.3
$1,000-$4,999	27,693	14.7	77	1.2	1,000 acres and over	45,834	24.3	3,200	48.4
$5,000-$9,999	25,754	13.6	188	2.8	Less than $2,500	1,139	.6	1	(z)
$10,000-$19,999	36,813	19.5	526	8.0	$2,500-$4,999	2,192	1.2	4	.1
$20,000 or more	86,292	45.7	5,814	88.0	$5,000-$9,999	5,997	3.2	21	.3
Individual or family	155,252	82.3	4,648	70.3	$10,000-$19,999	14,037	7.4	91	1.4
Partnership	23,527	12.5	1,055	16.0	$20,000-$39,999	28,577	15.1	336	5.1
Corporation	9,458	5.0	887	13.4	$40,000-$99,999	63,111	33.4	1,425	21.6
Family held	9,042	4.8	844	12.8	$100,000-$249,999	52,837	28.0	2,388	36.1
Other	416	.2	44	.6	$250,000-$499,999	15,492	8.3	1,393	21.1
Other	513	.2	20	.3	$500,000 and over	5,368	2.8	952	14.4

Z Less than .05 percent.

Source: U.S. Bureau of the Census, *1982, Census of Agriculture:* vol. 1.

No. 1152. Commodity Credit Corporation—Summary: 1970 to 1984

[**In millions of dollars.** Through **1976,** as of or for years ending **June 30;** beginning **1977,** as of or for years ending **Sept. 30.** The Commodity Credit Corporation is a wholly government-owned corporation. Its purpose is stabilizing, supporting, and protecting farm income and prices; assisting in maintenance of balanced adequate supplies of agricultural commodities; and facilitating orderly distribution of agricultural commodities. See also *Historical Statistics, Colonial Times to 1970,* series K 330-343]

Item	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
LOAN ACTIVITY [1]												
Loans made	2,388	1,256	852	1,131	3,621	6,385	4,576	4,228	5,849	11,454	13,710	5,131
Loans repaid	1,830	1,947	939	677	1,167	4,444	4,048	4,148	5,741	4,629	9,373	10,581
Loans cancelled by acquisition of collateral	1,073	1,252	100	348	23	145	318	115	3,405	363	860	1,032
Loans outstanding [2]	2,952	720	335	637	3,245	5,030	5,210	5,119	5,193	11,633	15,084	8,571
Wheat	576	10	4	24	1,814	1,318	816	837	1,871	3,321	4,162	3,414
Corn	632	115	39	61	239	1,280	1,301	1,617	629	4,210	5,274	1,236
Cotton	170	34	143	24	13	153	80	35	76	714	960	67
Tobacco	845	250	119	353	652	751	903	815	764	867	1,738	2,084
Sorghum	52	4	1	3	106	278	70	79	96	721	838	520
Storage facilities, equipment [3]	164	271	199	157	236	799	1,324	1,470	1,403	1,210	1,008	716
COMMODITY INVENTORY OPERATIONS												
Acquisitions, value [2 4]	1,518	402	835	657	997	911	1,007	2,759	2,507	2,968	8,634	8,741
Purchases	398	400	735	307	974	761	677	2,643	2,503	2,593	7,644	7,676
Collateral acquired from loans	1,120	2	100	350	23	150	330	116	4	375	990	1,065
Wheat	217	130	4	14	72	135	40	601	28	27	1,600	1,983
Corn	49	6	2	5	2	31	195	416	21	179	3,132	2,591
Cotton	304	(z)	(z)	(z)	(z)	(z)	(z)	1	(z)	(z)	175	1,056
Dairy products	253	55	480	115	721	445	247	1,262	1,991	2,282	2,716	1,983
Butter	146	16	65	2	240	154	75	326	528	561	610	360
Cheese	7	3	92	9	168	51	17	443	768	874	1,173	892
Dried milk	100	36	323	104	313	240	155	493	695	843	928	731
Wheat flour and products	109	177	123	80	89	112	149	124	161	117	97	94
Vegetable oil products	28	67	44	(z)	24	50	117	136	161	89	79	141
Commodities owned, value [2]	1,858	114	416	659	985	1,029	1,162	2,737	3,727	5,103	10,227	7,358
Wheat	405	194	2	(z)	23	119	118	705	679	679	1,533	1,510
Corn	293	11	(z)	1	(z)	27	209	596	555	709	3,392	1,045
Cotton	225	1	(z)	–	(z)	(z)	(z)	1	1	2	174	74
Sorghum	173	2	(z)	(z)	(z)	28	92	93	79	91	520	290
Dairy products	134	25	290	259	703	751	570	1,266	2,396	3,442	4,219	4,102
Butter	97	11	41	–	186	240	188	385	709	781	[5] 898	[5] 857
Cheese	–	–	10	1	93	55	4	309	888	1,395	1,674	1,683
Dried milk	37	14	239	258	424	456	378	572	799	1,266	1,648	1,562

– Represents zero. Z Less than $500,000. [1] Covers commodity loans and storage facility and equipment loans. The latter were not available after July 1982. [2] Includes amounts for commodities not shown separately. [3] Loans for purchase, construction, or installation of storage and drying equipment. [4] For 1970, includes purchases for commodity export program. [5] Includes $25 million in butter oil in 1983 and $14 million in 1984.

Source: U.S. Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations,* annual.

No. 1153. Commodity Credit Corporation—Volume of Price-Support Commodities Owned and Outstanding Under Loan: 1975 to 1984

[As of **December 31.** For explanation of program, see headnote, table 1152]

Commodity	Unit	Commodities owned					Commodities outstanding under loan				
		1975	1980	1982	1983	1984	1975	1980	1982	1983	1984
Dairy products:											
Butter and butter oil	Mil. lb	3	331	503	578	401	(x)	(x)	(x)	(x)	(x)
Cheese	Mil. lb	5	244	945	1,097	918	(x)	(x)	(x)	(x)	(x)
Nonfat dry milk	Mil. lb	442	707	1,377	1,718	1,489	(x)	(x)	(x)	(x)	(x)
Rice	Mil. cwt	(z)	1.7	17.6	23.7	25.2	8.9	20.5	53.7	45.0	44.9
Wheat	Mil. bu	(z)	203	185	376	416	32	366	1,121	1,107	911
Corn	Mil. bu	(z)	254	429	1,230	296	110	966	2,400	1,450	1,056
Sorghum grain	Mil. bu	(x)	44	47	189	106	6	24	402	254	221
Soybeans	Mil. bu	(x)	(z)	14	23	3	(z)	72	358	81	178
Cotton [1]	1,000 bales	(z)	2	81	1,315	152	333	851	5,623	3,134	841
Tobacco	Mil. lb	(x)	(x)	(x)	(x)	(x)	335	678	809	1,028	1,243

X Not applicable. Z Less than half the unit of measure shown. [1] Upland and extra long staple.

Source: U.S. Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations*, annual. Also in *Agricultural Statistics*, annual.

No. 1154. Commodity Credit Corporation—Realized Losses on Price Support and Related Programs: 1970 to 1984

[**In millions of dollars.** The realized loss or cost for these programs is reimbursed to C.C.C. by congressional appropriations and does not include reimbursements under Public Law 480 (Food for Peace), National Wool Act, or Export Credit Sales Programs. See also headnote, table 1152. Minus sign (−) indicates net loss]

Item	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total net realized loss	**−4,213**	**−2,759**	**−710**	**−525**	**−824**	**−3,056**	**−3,300**	**−2,296**	**−3,531**	**−5,723**	**−19,513**	**−8,518**
Net realized loss, program	−3,622	−2,512	−681	−451	−747	−2,711	−2,637	−1,544	−2,760	−3,355	−17,643	−7,104
Producer payments [1]	−2,945	−2,351	−560	−288	−594	−2,152	−1,928	−418	−1,030	−1,491	−4,734	−4,553
Diversion payments [2]	−1,014	−2,351	−5	-	-	−169	−78	−56	-	-	−1,332	−913
Deficiency payments [3]	-	-	-	-	−129	−1,436	−1,023	−80	-	−1,184	−3,286	−3,639
Disaster payments [4]	-	-	−555	−286	−465	−525	−366	−257	−1,030	−306	−115	−1
Net loss on commodity inventory operations	−398	−71	−114	−162	−108	−296	−333	−479	−926	−1,377	−2,562	−2,701
Net loss on sales	−2	+173	+87	+20	+1	−131	−114	−70	−203	−483	−581	−594
Proceeds from commodity sales [5]	+880	+728	+450	+330	+581	+661	+667	+962	+902	+562	+1,619	+9,521
Cost of sales	−882	−555	−363	−310	−580	−792	−781	−1,032	−1,105	−1,045	−2,200	−10,115
Cost of commodities donated	−185	−211	−168	−147	−60	−103	−119	−184	−432	−572	−1,402	−1,599
Other expenses [6]	−211	−33	−33	−35	−49	−62	−100	−225	−291	−322	−579	−508
Payment-in-kind program	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	−9,424	−302
Grain reserve storage expense [7]	−144	−17	(z)	-	−1	−86	−282	−237	−87	−464	−1,113	−278
Emergency Feed program payments	-	-	-	-	-	−169	−70	−23	−329	−16	-	(z)
Loan and other charge offs	−25	−5	−1	−1	−45	−10	−23	−51	−22	−18	−56	−15
Other costs and recoveries	−110	−68	−6	(z)	+1	+2	−1	−336	−366	+11	+246	+745
Net interest expense [8]	−535	−183	+43	+1	+2	−240	−562	−596	−605	−2,066	−1,523	−1,034
Net operating and other expense	−56	−64	−72	−75	−79	−105	−101	−156	−166	−302	−347	−380

- Represents zero. X Not applicable. Z Less than $500,000.

[1] Includes activity for prior year programs, not shown separately. For 1970, includes price support payments. [2] Payments are made to producers of feed grains, upland cotton, wheat, and rice who voluntarily diverted additional acreage from crop production to approved conservation uses or elected to divert wheat acreage for grazing or hay, but only if the Secretary of Agriculture determined that such payments were necessary to meet desirable acreage goals. [3] Payments are made to producers of wheat, feed grains, upland cotton, and rice when the target price for the commodities exceeds the national weighted average market price or the loan rate, whichever is higher. [4] Payments are made to producers of wheat, feed grains, cotton, and rice in the event a crop cannot be planted, or if the quantity harvested is substantially less than the expected production because of drought, flood, or other natural disaster, or other conditions beyond the producers' control. [5] Includes the value of exported commodities charged to P.L. 480, Title II. [6] Covers storage, handling and transportation expenses. [7] Payments to producers for storage of grain under the farmer-owned grain reserve program. Under the reserve program, a farmer contracts with the government to store grain for a three-year period and receives a nonrecourse loan and annual storage payments. The Federal Government has generally extended reserve loans beyond three years rather than have farmers choose not to repay loans and give grain to the government. Grain in the reserve cannot be sold, except with a financial penalty, until the market price reaches a trigger release price, at which time storage payments cease and farmers can repay loans without financial penalty. Interest is charged only for the first year. For 1970–1975, includes reseal loan storage expense. [8] Interest expense minus interest income.

Source: U.S. Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations*, annual.

No. 1155. Commodity Credit Corporation—Net Realized Losses on Price Support and Related Programs, by Selected Commodities: 1975 to 1984

[**In millions of dollars.** See headnote, table 1154. Minus sign (−) indicates net loss]

Year and item	Feed grains				Wheat [2]	Cotton, upland	Dairy products		Rice [2]	Oils and oilseeds
	Total [1]	Corn [2]	Sorghum [2]	Barley			Total [1]	Milk		
1975	−314	−238	−64	−15	−56	−127	−164	−44	−5	−3
1980	−670	−514	−123	−28	−91	−103	−315	−172	−2	−128
1981	−572	−433	−102	−34	−514	−305	−765	−312	−252	−19
1982	−849	−455	−329	−65	−691	−565	−1,136	−317	−29	−14
1983	−8,486	−7,461	−856	−155	−4,166	−2,233	−1,750	−481	−901	−13
1984, total	**−1,934**	**−1,607**	**−216**	**−107**	**−2,436**	**−570**	**−1,620**	**−709**	**−383**	**+26**
Producer payments [3]	−1,667	−1,451	−138	−77	−1,728	−487	−336	-	−336	-
Diversion payments [4]	−39	−51	+12	−4	−536	−2	−336	-	+2	-
Deficiency payments [5]	−1,628	−1,400	−150	−73	−1,189	−484	-	-	−338	-
Disaster payments [6]	-	-	-	-	−1	−1	-	-	-	-
Net loss on commodity inventory operations	−284	−238	−36	−7	−193	2	−2,101	−709	−32	32
Cost of sales and commodities *donated*	*−5,502*	*−4,982*	*−516*	*−1*	−2,092	−1,139	−2,160	−776	−378	−89
Sales proceeds [7]	5,446	4,928	516	-	1,997	1,141	215	113	361	126
Other expenses [8]	−228	−184	−36	−6	−98	-	−156	−46	−15	−5
Grain reserve storage expense [9]	−119	−56	−40	−23	−159	-	-	-	-	-
Loan and other charge offs	-	-	-	-	-	-	-	-	-	−6
Other costs and recoveries	−15	−15	-	-	−3	1	[10] 817	-	−1	-
Payment-in-kind program	151	153	−2	-	−353	−86	-	-	−14	-

- Represents zero. [1] Includes other commodities, not shown separately. [2] Includes products. [3] See footnote 1, table 1154. [4] See footnote 2, table 1154. [5] See footnote 3, table 1154. [6] See footnote 4, table 1154. [7] See footnote 5, table 1154. [8] See footnote 6, table 1154. [9] See footnote 7, table 1154. [10] Represents net milk marketing fees collected.

Source: U.S. Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations*, annual.

No. 1156. Farmer Marketing and Farm Supply Cooperatives—Summary: 1970 to 1983

[**1970–1977, for fiscal years** of cooperatives ending between **July 1** of preceding year and **June 30** of year shown. Beginning **1978,** reports of cooperatives are for the **calendar year.** Memberships and businesses are estimated. Comprises independent local associations, federations, large-scale centralized associations, and sales agencies. See also *Historical Statistics, Colonial Times to 1970*, series K 195-203]

Item	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Cooperatives listed	**7,790**	**7,645**	**7,535**	**6,736**	**6,600**	**6,445**	**6,293**	**6,211**	**6,125**	**5,989**
Marketing [1]	5,015	4,916	4,804	4,143	4,050	3,938	3,924	3,855	3,826	3,781
Farm supply	2,775	2,729	2,731	2,593	2,550	2,507	2,369	2,356	2,299	2,208
Memberships [2] (1,000)	**6,355**	**6,123**	**5,906**	**5,758**	**5,695**	**5,627**	**5,379**	**5,335**	**5,136**	**4,955**
Marketing [1] (1,000)	3,133	3,151	2,850	2,692	2,632	2,567	2,574	2,479	2,469	2,402
Farm supply (1,000)	3,222	2,972	3,056	3,066	3,063	3,060	2,804	2,856	2,666	2,553
Business [3] (mil. dol.)	**19,080**	**41,342**	**40,104**	**43,564**	**47,305**	**56,268**	**66,254**	**71,534**	**69,150**	**66,755**
Marketing [1] (mil. dol.)	15,207	32,682	30,692	33,027	36,253	42,747	50,120	54,476	52,788	50,812
Farm supply (mil. dol.)	3,873	8,660	9,412	10,557	11,052	13,521	16,134	17,059	16,362	15,943

Selected products or supplies	Cooperatives handling					Business [3] (mil. dol.)					
	1970	1980	1981	1982	1983, prel.	1970	1975	1980	1981	1982	1983, prel.
Products marketed:											
Grain, soybeans	2,539	2,434	2,410	2,362	2,275	3,006	12,744	17,790	19,777	18,234	16,218
Dairy products	971	487	470	451	418	5,126	8,376	13,666	15,052	15,776	16,766
Fruits and vegetables	499	400	388	384	394	1,776	2,730	4,209	4,496	4,501	4,241
Livestock and livestock products	*546*	*449*	*435*	*429*	*402*	*2,154*	*2,614*	*5,637*	*5,196*	*5,194*	*4,768*
Sugar products	66	45	41	48	47	634	2,065	1,712	1,925	1,519	1,683
Cotton and cotton products	554	470	480	476	487	434	935	1,860	2,099	1,733	1,722
Supplies purchased:											
Feed	4,214	3,613	3,603	3,553	3,295	1,279	2,587	3,544	3,531	3,341	3,594
Fertilizer	4,294	3,802	3,789	3,732	3,442	657	1,913	3,454	3,676	3,407	2,837
Petroleum products	2,774	2,921	2,911	2,871	2,742	864	1,675	5,069	5,646	5,502	5,434
Farm chemicals	3,721	3,697	3,684	3,627	3,407	165	502	1,048	1,275	1,336	1,250
Seed	4,007	3,620	3,607	3,550	3,318	142	337	495	575	555	483

[1] Includes cooperatives whose major activity is providing services related to marketing and farm-supply activities. [2] Excludes nonvoting patrons. [3] Value of commodities sold or purchased for patrons. Business dollar volume for marketing includes service receipts for charges related to marketing and purchasing. Represents net volume after eliminating intercooperative business.

Source: U.S. Dept. of Agriculture, Agricultural Cooperative Service, *Farmer Cooperative Statistics*, annual.

No. 1157. Civilian Consumer Expenditures for Farm Foods—Farm Value and Marketing Bill: 1960 to 1984

[**In billions of dollars, except percent.** Excludes imported and nonfarm foods, such as coffee and seafood, as well as food consumed by the military, or exported. See *Historical Statistics, Colonial Times to 1970*, series K 358-360 for data before revisions]

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984
Consumer expenditures, total	**66.9**	**81.1**	**110.6**	**167.0**	**216.9**	**245.2**	**264.4**	**287.7**	**298.9**	**315.0**	**332.2**
Farm value, total	22.3	27.1	35.5	55.6	69.5	79.2	81.7	83.2	83.7	84.9	89.5
Marketing bill, total [1]	44.6	54.0	75.1	111.4	147.4	166.1	182.7	204.5	215.2	230.1	242.7
Percent of total consumer expenditures	66.7	66.6	67.9	66.7	68.0	67.7	69.1	71.1	72.0	73.0	73.0
At-home expenditures [2]	50.0	60.5	78.0	116.2	150.2	169.4	180.1	194.0	196.8	204.6	213.5
Farm value	18.7	22.6	29.1	44.0	56.4	64.5	66.2	67.0	66.8	67.5	71.2
Marketing bill [1]	31.3	37.9	48.9	72.2	93.9	104.9	113.9	127.0	129.9	137.1	142.3
Percent of at-home expenditures	62.6	62.6	62.8	62.1	62.5	61.9	63.2	65.5	66.0	67.0	66.7
Away-from-home expenditures	16.9	20.6	32.6	50.8	66.7	75.8	84.3	93.7	102.2	110.4	118.7
Farm value	3.7	4.5	6.4	11.6	13.1	14.7	15.5	16.3	16.9	17.4	18.3
Marketing bill [1]	13.2	16.1	26.2	39.2	53.6	61.1	68.8	77.5	85.3	93.0	100.4
Percent of away-from-home expenditures	78.1	78.2	80.5	77.2	80.4	80.6	81.6	82.7	83.5	84.2	84.6
Marketing bill cost components:											
Labor cost [3]	19.7	23.3	32.2	48.3	66.2	75.2	81.5	91.0	96.6	102.5	108.0
Packaging materials	5.4	6.2	8.2	13.3	16.6	18.6	21.0	22.8	23.2	24.4	26.7
Rail and truck transport [4]	4.1	4.2	5.2	8.4	10.5	11.8	13.0	14.3	14.7	15.5	15.9
Corporate profits before taxes	2.1	3.0	3.6	7.1	9.2	9.9	10.9	12.0	13.0	14.8	16.2
Fuels and electricity	13.3	17.3	2.2	4.6	6.3	8.0	9.9	11.6	12.2	12.7	12.9
Other [5]			23.7	29.7	38.6	42.6	46.4	52.8	55.5	60.2	63.0
Processing	15.1	16.8	29.7	40.9	56.8	64.5	69.8	76.1	77.6	81.7	86.2
Wholesaling	5.5	6.6	8.7	13.5	17.1	19.0	20.7	23.9	25.1	27.6	29.7
Transportation	4.1	4.3	5.2	8.4	10.5	11.8	13.0	14.3	14.7	15.5	16.4
Retailing and food service	19.9	26.3	31.5	48.6	63.0	70.8	79.2	90.2	97.8	105.3	110.4
SELECTED FOOD COMMODITY GROUPS											
Beef: Total expenditures	10.0	13.0	19.9	28.6	42.8	48.2	49.8	52.4	54.0	56.3	
Farm value	5.0	6.2	9.5	12.8	19.1	22.2	21.8	21.3	21.0	21.0	
Percent of total	50.0	47.7	47.4	44.8	44.6	46.1	43.8	40.6	38.9	37.3	
Marketing bill [1]	5.0	6.8	10.4	15.8	23.8	26.0	28.0	31.1	33.0	35.3	
Pork: Total expenditures	7.2	8.0	12.4	16.8	23.3	28.2	29.0	31.3	32.3	35.3	
Farm value	2.7	3.5	4.3	7.3	8.1	8.4	8.2	9.1	9.8	9.6	
Percent of total	37.5	43.8	34.7	43.4	34.8	29.8	28.3	29.1	30.3	27.2	
Marketing bill [1]	4.5	4.5	8.1	9.5	15.2	19.8	20.8	22.2	22.6	25.7	
Poultry and eggs:											
Total expenditures	5.2	6.2	9.1	12.7	15.2	17.4	18.3	19.9	20.3	21.7	
Farm value	2.9	3.1	4.0	6.3	7.3	8.1	8.3	8.8	8.5	9.2	
Percent of total	55.9	49.5	44.0	49.6	48.1	46.6	45.4	44.2	41.9	42.4	
Marketing bill [1]	2.3	3.1	5.1	6.4	7.9	9.3	10.0	11.1	11.8	12.5	
Fluid milk and cream:											
Total expenditures	7.0	7.4	8.9	11.4	11.8	14.7	14.1	14.8	13.8	14.4	
Farm value	2.8	3.0	3.9	5.3	5.8	6.6	7.1	7.1	6.8	6.7	
Percent of total	39.4	40.5	43.8	46.5	48.9	44.9	50.4	48.0	49.3	46.5	
Marketing bill [1]	4.3	4.4	5.0	6.1	6.0	8.1	7.0	7.7	7.1	7.7	
Other dairy products:											
Total expenditures	5.0	5.6	7.8	12.0	18.4	18.8	23.7	26.7	28.2	30.6	(NA)
Farm value	1.9	2.1	3.0	4.7	6.9	8.0	9.0	9.9	9.9	10.5	
Percent of total	38.0	37.5	38.5	39.2	37.5	42.6	38.0	37.0	35.1	34.3	
Marketing bill [1]	3.1	3.5	4.8	7.3	11.4	10.8	14.7	16.8	18.3	20.1	
Fresh fruit, vegetables:											
Total expenditures	7.5	8.7	11.0	15.4	21.9	24.6	25.4	28.0	29.5	30.2	
Farm value	2.3	2.7	3.1	5.0	5.6	6.0	6.7	7.6	7.6	7.0	
Percent of total	30.7	31.0	28.2	32.7	24.2	24.4	26.4	27.1	25.7	23.2	
Marketing bill [1]	5.2	6.0	7.9	10.4	16.3	18.6	18.7	20.4	21.9	23.2	
Processed fruits and vegetables:											
Total expenditures	7.3	9.1	11.6	18.2	23.7	26.6	28.3	32.3	34.3	36.3	
Farm value	1.2	1.8	2.0	3.5	4.5	4.9	4.9	5.7	6.2	6.0	
Percent of total	16.4	19.8	17.2	19.2	18.8	18.4	17.3	17.6	18.1	16.5	
Marketing bill [1]	6.0	7.3	9.6	14.7	19.3	21.7	23.4	26.6	28.1	30.3	
Bakery, grain mill products:											
Total expenditures	9.4	11.2	13.6	24.2	27.5	31.6	35.2	37.9	39.7	40.2	
Farm value	1.4	1.9	2.0	4.2	3.8	4.8	5.1	5.0	4.8	4.9	
Percent of total	14.5	16.7	14.7	17.4	13.8	15.2	14.5	13.1	12.1	12.2	
Marketing bill [1]	8.0	9.4	11.6	20.0	23.7	26.8	30.1	32.9	34.9	35.3	

NA Not available. [1] The difference between civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. [2] Food primarily purchased from retail food stores for use at home. [3] Covers employee wages and salaries, and their health and welfare benefits. Also includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. [4] Excludes local hauling. [5] Represents advertising, rents, depreciation, interest on borrowed capital, taxes other than income, and other costs.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Cost Review, 1984*, AER No. 537, July 1985; *Food Consumption, Prices, and Expenditures, 1963-1983*, SB-713, November 1984; *Agricultural Outlook*, periodic; and *Agricultural Statistics*, annual.

No. 1158. Selected Indexes of Farm Inputs: 1960 to 1984

[1977=100. Inputs based on physical quantities of resources used in production. See *Historical Statistics, Colonial Times to 1970*, series K 486–495 for data before revisions]

INPUT	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984 [1]
Total	**98**	**96**	**97**	**96**	**102**	**105**	**103**	**102**	**99**	**95**	**96**
Farm labor	206	156	126	107	96	93	92	90	87	79	80
Farm real estate [2]	103	103	105	97	100	103	103	103	103	101	99
Mechanical power and machinery	83	80	85	96	104	104	101	98	94	89	88
Agricultural chemicals [3]	32	49	75	83	107	123	123	129	118	105	120
Feed, seed, and livestock purchases [4]	77	86	96	93	108	115	114	108	106	106	106
Taxes and interest	95	101	102	100	99	103	100	99	99	99	95
Miscellaneous	77	85	89	82	103	113	96	108	114	110	122

[1] Preliminary. [2] Includes service buildings, improvements. [3] Includes fertilizer, lime, and pesticides. [4] Includes nonfarm portion.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics*, annual. Also in U.S. Council of Economic Advisors, *Economic Report of the President*, annual.

No. 1159. Farm Machinery and Equipment: 1960 to 1984

[See also *Historical Statistics, Colonial Times to 1970*, series K 184–191]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Value of farm implements and machinery [1]	Bil. dol.	22.2	26.0	34.4	64.0	77.0	85.1	96.8	102.5	108.8	108.8	105.8	99.4
Number on farms, Jan. 1: [2]													
Tractors [3]	1,000	4,688	4,787	4,619	4,469	4,402	5,050	4,776	4,752	4,726	4,697	4,669	4,671
Horsepower	Mil.	153	176	203	222	232	264	301	304	306	306	309	311
Motortrucks	1,000	2,834	3,030	2,984	3,032	3,044	3,450	3,358	3,344	3,350	3,389	3,435	3,402
Grain combines	1,000	1,042	910	790	524	535	660	655	652	650	647	644	644
Corn pickers [4]	1,000	792	690	635	615	605	695	706	701	696	690	684	684
Pickup balers	1,000	680	751	708	667	615	770	744	756	770	785	800	800
Field forage harvesters	1,000	291	316	304	255	270	302	295	293	291	288	285	285
Farmers' expenditures:													
Motor vehicles [5]	Mil. dol.	1,344	1,940	2,030	3,833	4,927	5,580	6,284	5,813	5,652	4,755	4,885	4,739
Machinery, equipment	Mil. dol.	1,458	2,239	2,888	4,820	5,657	7,158	8,002	6,956	6,481	5,104	4,823	4,751
Retail sales: [6]													
Tractors, total [7]	1,000	(NA)	162.5	135.5	161.1	130.9	139.6	139.0	119.3	103.8	77.2	71.3	66.7
2-wheel drive	1,000	(NA)	162.5	135.5	150.5	123.2	130.9	127.5	108.4	94.1	70.4	66.2	62.7
4-wheel drive	1,000	(NA)	(NA)	(NA)	10.6	7.7	8.7	11.5	10.9	9.7	6.8	5.1	4.0
Combines	1,000	(NA)	37.6	26.7	33.1	28.8	31.5	32.3	25.7	26.8	16.2	12.8	11.4
Corn heads	1,000	(NA)	22.8	18.5	25.4	20.7	21.2	22.4	17.2	15.7	9.3	6.8	6.4
Field forage harvesters	1,000	(NA)	(NA)	15.0	13.1	13.2	11.5	12.5	9.5	7.6	5.1	4.1	3.5

NA Not available. [1] Farm inventory valuations as of December 31. Includes family automobiles. [2] 1978 data are not directly comparable with totals for 1974 or earlier agriculture census years; see text, p. 632. For all non-census years, data are estimated using prior census as reference point. [3] Excludes garden tractors. [4] Includes picker-shellers. [5] For farm business use. [6] Source: Farm and Industrial Equipment Institute, Chicago, IL, unpublished data. [7] Beginning 1977, covers tractors over 40 hp. only.

Source: Except as noted, U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: National Financial Summary*, annual. Also in *Agricultural Statistics*, annual.

No. 1160. Agricultural Chemicals Used on Farms: 1978 and 1982

TYPE OF CHEMICAL	1978			1982		
	Farms reporting (1,000)	Acres treated (1,000)	Cost (mil. dol.)	Farms reporting (1,000)	Acres treated (1,000)	Cost (mil. dol.)
Total	**[1] 1,804**	(X)	**9,220**	**[1] 1,596**	(X)	**[2] 11,972**
Commercial fertilizer	1,628	226,348	6,331	1,444	224,635	7,689
Lime	338	16,494		270	11,607	(NA)
Chemicals for—defoliation or growth control of crops	82	9,267		74	9,322	
Sprays, dusts, etc. for—						
Insects on hay and other crops	584	75,868	2,890	530	72,848	4,282
Nematodes in crops	104	8,805		77	7,533	
Crop diseases	129	11,415		128	11,685	
Weeds or grass in crops and pasture	960	164,617		872	176,871	

X Not applicable. [1] If more than 1 subentry was applicable, the farm was tabulated in each. [2] Excludes cost of lime.

Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1.

No. 1161. Commercial Fertilizers Consumed: 1960 to 1984

[**In millions of tons, except percent.** For years ending **June 30.** Includes Puerto Rico. Percent nutrient content excludes secondary and micronutrients. See *Historical Statistics, Colonial Times to 1970*, series K 193, for related but not comparable data]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
All fertilizers	24.9	31.8	39.6	42.5	51.6	47.5	51.5	52.8	54.0	48.7	41.8	50.2
Percent: Nitrogen	11.7	15.3	19.5	21.2	21.7	21.8	21.7	22.6	23.0	23.4	21.8	22.2
Phosphoric oxide	10.9	11.6	11.9	11.1	11.5	11.2	11.4	10.8	10.5	10.3	9.9	9.8
Potash	9.2	9.4	10.5	11.0	11.9	12.1	12.7	12.4	12.2	12.0	11.6	11.6
Mixed fertilizers	15.7	18.6	21.0	20.6	24.0	22.1	23.7	23.3	23.5	20.9	18.4	21.2
Percent: Nitrogen	6.5	7.8	9.3	10.2	10.6	10.7	10.8	10.8	11.0	11.2	11.5	11.6
Phosphoric oxide	13.0	15.2	17.7	18.0	19.9	19.6	20.1	19.6	20.1	20.4	20.0	20.6
Potash	12.1	12.4	12.7	12.5	12.8	12.8	12.8	13.1	12.8	12.4	12.3	12.2
Primary nutrient materials	7.9	11.8	17.3	20.0	25.0	23.5	25.6	27.2	28.2	26.1	21.9	27.0
Secondary and micronutrients	1.4	1.5	1.3	1.9	2.5	1.9	2.1	2.3	2.2	1.8	1.6	2.0

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Commercial Fertilizers, Consumption in the United States*, annual.

No. 1162. Hired Farmworkers—Workers and Earnings: 1970 to 1983

[Represents persons 14 years old and over in the civilian noninstitutional population who did hired farmwork at any time during the year. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III. For composition of regions, see fig. I, inside front cover. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	WORKERS (1,000)									MEDIAN EARNINGS PER DAY			
				1983									
					Duration of farmwork								
	1970	1975	1981	Total	Under 25 days	25–74 days	75–149 days	150–249 days	250 days and over	1970	1975	1981	1983
All workers	**2,488**	**2,638**	**2,492**	**2,595**	**973**	**491**	**397**	**386**	**349**	**$9.30**	**$14.80**	**$23.83**	**$25.52**
White [1]	1,940	1,907	1,824	1,888	816	362	230	235	246	9.70	14.75	21.79	24.18
Black and other [1]	547	446	340	376	90	72	85	80	49	8.00	13.90	23.92	27.58
Hispanic	(NA)	285	328	331	66	57	83	70	55	(NA)	17.10	29.46	34.64
Northeast	241	227	204	191	58	36	40	26	31	9.95	14.00	20.13	21.89
Midwest	590	674	688	687	343	124	63	88	69	9.20	14.45	23.68	20.47
South	1,093	1,074	1,004	995	378	182	159	132	144	8.35	14.10	20.76	25.17
West	564	664	595	722	193	148	135	140	106	11.75	18.00	29.90	32.58
Migratory	196	188	115	226	36	52	62	49	29	(NA)	(NA)	(NA)	(NA)
Nonmigratory	2,291	2,450	2,377	2,369	937	439	335	337	320	(NA)	(NA)	(NA)	(NA)
14–17 years old	819	835	605	487	262	139	53	27	6	(NA)	10.35	17.03	18.07
18–24 years old	539	733	760	794	343	152	139	88	72	(NA)	17.75	24.83	24.06
25–34 years old	322	393	498	580	174	92	89	121	104	(NA)	21.95	27.48	30.01
35–44 years old	254	219	236	289	67	47	44	53	77	(NA)	21.70	27.30	35.81
45–54 years old	247	193	180	197	40	18	50	48	41	(NA)	19.40	24.49	30.15
55–64 years old	173	144	104	168	47	23	21	42	35	(NA)	19.60	25.44	30.23
65 years and over	133	120	108	80	40	21	–	6	13	(NA)	11.70	24.76	23.92

– Represents zero. NA Not available. [1] Beginning 1975, excludes persons of Hispanic origin. 1970 data not comparable with later years.

Source: U.S. Dept. of Agriculture, Economic Research Service, *The Hired Farm Working Force*, periodic.

No. 1163. Farm Labor—Annual Average Labor-Hours Per Unit of Production, Selected Crops and Livestock: 1960–1964 to 1979–1983

[See also *Historical Statistics, Colonial Times to 1970*, series K 445-485]

CROP	1960–1964	1970–1974	1979–1983	CROP AND LIVESTOCK	1960–1964	1970–1974	1979–1983
Corn for grain: Hours per acre [1]	7.0	4.3	3.3	Tobacco: Hours per acre [2]	493	298	232
Yield per acre (bu.)	62.2	84.0	102.0	Yield per acre (1,000 lb.)	1.9	2.0	2.0
Hours per 100 bushel	11	5	3	Hours per 100 lb	26	14	12
Wheat: Hours per acre [1]	3.0	2.9	2.6	Milk cows: Hours per cow	93	62	33
Yield per acre (bu.)	25.2	31.0	35.3	Milk per cow (cwt)	75	101	121
Hours per 100 bushel	12	9	7	Hours per cwt of milk	1.2	.6	.3
Hay: Hours per acre [1]	5.0	3.7	3.2	Cattle, exc. milk cows:			
Yield per acre (sh. tons)	1.77	2.12	2.37	Hours per cwt of beef produced [3]	2.6	1.7	1.1
Hours per sh. ton	2.8	1.8	1.3	Hogs: Hours per cwt produced [3]	1.9	1.0	.3
Potatoes: Hours per acre [1]	48.0	41.6	34.7	Chickens: [4] Hours per 100 layers	126	78	51
Yield per acre (cwt)	195	234	270	Rate of lay [5]	212	225	243
Hours per sh. ton	5	4	3	Hours per 100 eggs produced	.6	.3	.2
Cotton: Hours per acre [1]	47	18	6	Broilers: Hours per 100 birds	3	1	.4
Yield per acre (lb.)	475	470	515	Hours per cwt produced [3]	.8	.3	.1
Hours per bale	47	18	6	Turkeys: Hours per cwt produced [3]	2.4	.8	.3

[1] Labor-hours per acre harvested, including pre-harvest work on acreages abandoned, grazed, and turned under. [2] Per acre planted and harvested. [3] Liveweight production. [4] Laying flocks and eggs. [5] Eggs produced during year divided by average number of hens and pullets of laying age on hand during year.

Source: U.S. Dept. of Agriculture, Economic Research Service. In *Agricultural Statistics*, annual.

No. 1164. Farm Productivity—Labor-Hours and Indexes of Farm Output per Hour: 1960 to 1984

[See also *Historical Statistics, Colonial Times to 1970,* series K 407–413, K 430–444, and W 67–81]

ITEM	1960	1965	1970	1975	1976	1978	1979	1980	1981	1982	1983	1984, prel.
Hours of labor required on farms [1] (bil.)	**9.8**	**7.3**	**5.9**	**5.0**	**4.8**	**4.4**	**4.3**	**4.3**	**4.2**	**4.0**	**3.7**	**3.7**
All productive livestock (bil.)	3.8	3.0	2.3	1.7	1.6	1.4	1.3	1.3	1.2	1.1	1.1	1.0
All crops [2] (bil.)	4.6	3.4	2.8	2.6	2.6	2.4	2.4	2.4	2.4	2.4	2.1	2.2
Farm maintenance [3] (bil.)	1.4	.9	.8	.7	.6	.6	.6	.6	.6	.5	.5	.5
INDEX (1977=100)												
Farm output per hour	**37**	**52**	**66**	**89**	**94**	**108**	**119**	**112**	**131**	**133**	**120**	**139**
All livestock and products	32	45	64	85	93	109	117	129	136	143	154	162
Meat animals	40	51	67	87	94	108	117	127	136	138	147	153
Milk cows	27	39	57	81	91	109	122	135	148	164	187	212
Poultry	25	40	55	81	94	109	119	126	135	142	152	162
All crops	41	56	70	89	91	105	118	104	120	126	105	124
Feed grains	33	52	62	90	95	111	125	107	132	136	96	132
Hay and forage	43	60	74	94	90	109	115	109	120	129	123	132
Food grains	73	79	93	101	98	104	115	116	127	130	131	140
Vegetables	69	79	91	93	100	104	109	113	117	118	117	116
Fruits and nuts	61	76	84	97	101	103	104	112	108	114	113	117
Sugar crops	52	58	79	97	100	103	103	104	111	108	109	109
Cotton	13	23	31	57	70	100	132	103	145	149	138	170
Tobacco	46	51	79	97	101	109	99	104	117	122	104	127
Oil crops	52	59	72	88	84	98	110	89	110	115	94	109
Cropland used for crops [4]	**94**	**89**	**88**	**97**	**96**	**97**	**100**	**101**	**102**	**101**	**88**	**99**
Crop production per acre	77	85	88	96	94	105	113	100	114	117	100	111

[1] Represents labor used on crops, livestock, and farm maintenance. [2] Beginning 1965, excludes work on farm gardens. [3] Beginning 1965, excludes work on horses and mules. [4] Harvested acreages plus acreages of crop failure and summer fallow.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics,* annual. Also in *Agricultural Statistics,* annual.

No. 1165. Farm Output Indexes and Acreage of Principal Crops: 1960 to 1984

[See also *Historical Statistics, Colonial Times to 1970,* series K 414–429]

ITEM	1960	1965	1970	1975	1976	1978	1979	1980	1981	1982	1983	1984, prel.
INDEX (1977=100)												
Farm output [1]	76	82	84	95	97	104	111	103	118	116	95	111
Per unit of total input	77	86	87	99	98	102	105	100	116	117	100	116
Gross production:												
Livestock and products [2]	82	89	99	95	99	101	104	108	109	107	109	107
Meat animals	80	87	102	97	100	100	103	107	106	101	103	101
Dairy products	95	99	95	94	98	99	101	105	108	110	114	110
Poultry and eggs	68	81	93	92	98	106	114	115	119	119	120	123
Crops [3]	72	76	77	93	92	102	113	101	116	118	88	110
Feed grains	69	70	71	91	96	108	116	97	121	124	67	115
Hay and forage	83	91	92	100	94	106	108	98	106	110	101	107
Food grains	66	67	69	108	107	93	108	121	144	140	117	129
Vegetables	88	94	96	97	99	103	107	104	109	113	105	116
Fruits and nuts	69	74	81	98	96	99	105	119	111	111	107	111
Sugar crops	60	80	95	114	112	101	94	97	107	96	96	95
Cotton	102	107	72	58	74	76	102	79	109	85	54	90
Tobacco	102	97	100	114	112	106	80	93	108	104	74	90
Oil crops	38	53	66	86	74	105	129	99	114	124	89	106
ACREAGE, PRINCIPAL CROPS (millions of acres)												
Planted or grown	324	298	293	336	337	338	348	352	366	362	306	348
Harvested	317	292	289	330	330	330	340	342	351	347	294	337

[1] Annual production available for eventual human use. [2] Includes livestock products not shown separately and excludes horses and mules. [3] Includes crops not shown separately.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics,* annual. Also in *Agricultural Statistics,* annual.

No. 1166. Agricultural Exports and Imports—Value: 1960 to 1984

[**In billions of dollars, except percent.** Includes Puerto Rico. Excludes forest products and distilled liquors; includes crude rubber and similar gums (now mainly plantation products). Includes shipments under foreign aid programs. See also *Historical Statistics, Colonial Times to 1970,* series K 251-255]

YEAR OR PERIOD	Trade balance	Exports, domestic products	Percent of all exports	Imports for consumption	Percent of all imports	YEAR OR PERIOD	Trade balance	Exports, domestic products	Percent of all exports	Imports for consumption	Percent of all imports
1960-1964, avg.	1.5	5.4	24	3.9	24	1974	11.7	21.9	23	10.2	10
1965-1969, avg.	1.7	6.3	20	4.6	16	1975	12.6	21.9	21	9.3	10
1970-1974, avg.	5.5	12.8	21	7.3	12	1976	12.0	23.0	20	11.0	9
1975-1979, avg.	13.5	26.5	20	13.0	11	1977	10.2	23.6	20	13.4	9
1980-1984, avg.	21.9	39.0	18	17.1	8	1978	14.6	29.4	21	14.8	9
1960	1.0	4.8	24	3.8	25	1979	18.0	34.7	19	16.7	8
1965	2.1	6.2	23	4.1	19	1980	23.8	41.2	19	17.4	7
1970	1.5	7.3	17	5.8	15	1981	26.5	43.3	19	16.8	6
1971	1.9	7.7	18	5.8	13	1982	21.2	36.6	18	15.4	6
1972	2.9	9.4	19	6.5	12	1983	19.6	36.1	18	16.5	6
1973	9.3	17.7	25	8.4	12	1984	18.5	37.8	18	19.3	6

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Foreign Agricultural Trade Statistical Report,* annual, and *Foreign Agricultural Trade of the United States,* Jan.-Feb. issues. Also in *Agricultural Statistics,* annual.

No. 1167. Agricultural Exports—Value, by Principal Commodities and Selected Countries of Destination: 1970 to 1984

[See headnote, table 1166. Data by country of destination not adjusted for transshipments prior to 1982]

COMMODITY AND COUNTRY	VALUE (mil. dol.)								PERCENT		
	1970	1975	1979	1980	1981	1982	1983	1984	1970	1980	1984
Total agricultural exports [1]	**7,259**	**21,859**	**34,749**	**41,233**	**43,339**	**36,627**	**36,099**	**37,826**	**100.0**	**100.0**	**100.0**
Grains and feeds [2]	2,720	11,932	15,244	19,117	20,456	15,687	16,250	17,163	37.5	46.4	45.4
Feed grains and products	1,093	5,283	7,796	9,831	9,494	6,527	7,351	8,204	15.1	23.8	21.7
Corn	818	4,422	6,977	8,492	7,935	5,582	6,367	6,999	11.3	20.6	18.5
Wheat and products	1,136	5,353	5,586	6,660	8,150	6,928	6,560	6,740	15.6	16.2	17.8
Rice	313	858	854	1,289	1,527	997	926	845	4.3	3.1	2.2
Oilseeds and products [2]	1,931	4,452	8,887	9,393	9,555	9,141	8,716	8,392	26.6	22.8	22.2
Soybeans	1,228	2,865	5,701	5,880	6,186	6,218	5,913	5,419	16.9	14.3	14.3
Soybean oil cake and meal	344	639	1,416	1,665	1,589	1,411	1,527	1,019	4.7	4.0	2.7
Vegetable oils and waxes	295	635	1,155	1,216	1,077	952	888	1,270	4.1	2.9	3.4
Soybean oil	194	269	769	689	474	486	424	757	2.7	1.7	2.0
Animals and animal products [2]	865	1,686	3,765	3,768	4,239	3,935	3,787	4,228	11.9	9.1	11.2
Hides and skins, incl. furskins	187	407	1,332	1,046	1,024	1,022	1,010	1,383	2.6	2.5	3.7
Cattle hides	130	260	906	623	617	704	742	1,086	1.8	1.5	2.9
Meats and meat products	132	432	853	890	997	978	916	928	1.8	2.2	2.5
Fats, oils, and greases	246	360	740	769	760	663	600	698	3.4	1.9	1.8
Poultry and poultry products	82	157	409	603	770	515	428	415	1.1	1.5	1.1
Cotton, excluding linters	372	991	2,198	2,864	2,260	1,955	1,817	2,441	5.1	6.9	6.5
Tobacco, unmanufactured	517	852	1,183	1,334	1,457	1,547	1,462	1,511	7.1	3.2	4.0
Fruits and preparations	334	699	1,127	1,335	1,497	1,376	1,349	1,243	4.6	3.2	3.3
Fresh fruits	164	404	646	739	855	796	829	758	2.3	1.8	2.0
Vegetables and preparations	219	505	764	1,188	1,553	1,174	980	1,002	3.0	2.9	2.6
Nuts and preparations	69	169	584	757	581	541	496	604	1.0	1.8	1.6
Other	232	573	997	1,477	1,741	1,271	1,242	1,242	3.2	3.6	3.3
Asia [1]	2,670	7,620	12,109	14,886	15,777	13,674	14,058	14,907	36.8	36.1	39.4
Japan	1,214	3,082	5,255	6,111	6,562	5,555	6,251	6,782	16.7	14.8	17.9
Korea, Rep. of	224	830	1,441	1,797	2,008	1,581	1,840	1,650	3.1	4.4	4.4
China: Mainland	(z)	80	990	2,210	1,956	1,505	544	613	(z)	5.4	1.6
Taiwan	134	565	1,074	1,095	1,145	1,155	1,308	1,458	1.8	2.7	3.9
Western Europe [1 3]	2,532	7,164	9,912	11,744	11,905	11,463	9,999	8,838	34.9	28.5	23.4
European Economic Community [4]	2,133	5,704	7,849	9,236	9,059	8,397	7,374	6,529	29.4	22.4	17.3
Netherlands	526	1,722	2,624	3,412	3,301	3,085	2,576	2,323	7.2	8.3	6.1
Germany, Fed. Rep. of	529	1,564	1,399	1,831	1,759	1,448	1,529	1,055	7.3	4.4	2.8
United Kingdom	411	588	1,057	928	960	915	823	754	5.7	2.3	2.0
Italy	210	798	1,005	1,094	1,181	989	731	806	2.9	2.7	2.1
France	164	406	726	748	624	625	485	507	2.3	1.8	1.3
Spain [5]	143	776	930	1,129	1,267	1,681	1,264	1,029	2.0	2.7	2.7
Portugal [6]	35	261	485	608	757	578	660	698	.5	1.5	1.8
Latin America [1]	688	2,274	3,687	6,150	6,367	4,438	5,213	5,285	9.5	14.9	14.0
Mexico	155	586	1,024	2,468	2,432	1,156	1,942	2,015	2.1	6.0	5.3
Venezuela	98	277	494	701	893	671	665	783	1.4	1.7	2.1
Soviet Union	16	1,133	2,855	1,047	1,665	1,866	1,473	2,878	.2	2.5	7.6
Eastern Europe	169	616	1,933	2,071	1,654	847	839	757	2.3	5.0	2.0
Canada	826	1,304	1,650	1,852	1,989	1,820	1,844	1,963	11.4	4.5	5.2
Africa [1]	254	1,134	1,581	2,179	2,766	2,238	2,458	2,973	3.5	5.3	7.9
Egypt	26	425	601	770	967	803	970	909	.4	1.9	2.4

Z Less than $500,000 or .05 percent. [1] Includes areas not shown separately. [2] Includes commodities not shown separately. [3] As of Jan. 1, 1982, includes Canary Islands and Madeira Islands. For consistency, data for all years are shown on *same basis.* [4] Includes Belgium, Luxembourg, Denmark, Greece, and Ireland. As of Jan. 1, 1973, United Kingdom, Denmark, and Ireland became members of EEC. As of Jan. 1, 1981, Greece became a member of EEC. For consistency, data for all years are shown on same basis. [5] As of Jan. 1, 1984, includes Canary Islands. [6] As of Jan. 1, 1984, includes Madeira Islands.

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Foreign Agricultural Trade Statistical Report,* annual. Also in *Agricultural Statistics,* annual.

No. 1168. Indexes of Trade-Weighted Dollar Exchange Rates—Selected Commodities: 1975 to 1984

[**April 1971=100.** Nominal values are percentage changes in currency units per dollar, weighted by proportion of agricultural exports from the United States. An increase indicates that the dollar has appreciated. Real values are computed in the same way as the nominal series but are adjusted for consumer price index changes in the countries involved. Minus sign (–) indicates that the dollar has depreciated]

YEAR	TOTAL AGRICULTURE		CORN		SOYBEANS		WHEAT		COTTON	
	Nominal	Real	Nominal	Real	Nominal	Real	Nominal	Real	Nominal	Real
1975	90.6	76.5	88.7	74.3	82.0	71.0	102.9	79.9	108.3	82.5
1980	111.0	72.2	109.0	68.6	79.3	64.3	205.0	76.4	121.0	77.4
1981	136.5	79.4	136.3	77.8	92.6	74.9	296.3	79.1	131.6	80.6
1982	186.0	86.8	186.9	86.6	111.4	83.5	488.1	85.4	143.9	86.9
1983	347.0	90.6	346.8	91.8	136.9	88.2	1,299.2	91.8	156.6	90.3
1984	784.1	97.2	752.3	98.2	159.9	95.3	3,777.7	98.7	168.0	94.7
Percent change:										
1975–1980	22.6	–5.6	22.8	–7.7	–3.3	–9.4	99.3	–4.4	11.7	–6.1
1980–1981	23.0	10.0	25.1	13.1	16.7	16.6	44.5	3.5	8.8	4.0
1981–1982	36.3	9.3	38.6	12.0	20.3	11.5	64.7	8.0	9.3	7.9
1982–1983	86.6	4.4	83.6	5.7	23.0	5.6	166.2	7.4	8.9	3.9
1983–1984	126.0	7.2	116.7	7.0	16.8	8.1	190.8	7.6	7.2	4.9

Source: U.S Dept. of Agriculture, Economic Research Service, *Agricultural Outlook*, monthly.

No. 1169. U.S. Sales and Donations Under Food for Peace (Public Law 480) Programs, Total, 1954 to 1984, and by Selected Country, 1984

[**In millions of dollars.** For years ending **June 30**, except beginning **1977**, ending **Sept. 30**]

YEAR	Total	Title I sales (loans) [1]	TITLE II DONATIONS			COUNTRY	1984	
			Total	Voluntary relief agencies	Emergency relief and other [2]		Sales	Donations
1954–1984, total	**36,378**	[3] **22,489**	**13,889**	**8,505**	**5,384**	**Total** [4]	**784.0**	**552.0**
						Egypt	237.5	13.7
1970	1,142	[3] 711	432	181	250	India	–	125.8
1975	1,328	868	461	266	194	Bangladesh	68.0	48.2
1978	1,228	767	461	319	143	Pakistan	47.5	31.5
1979	1,287	746	541	374	167	Morocco	45.0	9.8
						El Salvador	49.0	5.5
1980	1,436	843	593	340	253	Sudan	50.0	1.1
1981	1,542	774	768	471	297	Peru	19.0	23.9
1982	1,314	690	624	456	168	Indonesia	36.0	5.5
1983	1,373	773	600	422	178	Dominican Republic	28.5	2.8
1984	1,336	784	552	335	217	Somalia	16.0	15.1
						Sri Lanka	25.0	5.4

– Represents zero. [1] Includes Title III, Food for Development program. Loans repayable in dollars, except as noted. [2] Includes economic development and world food programs. [3] Includes $9,846 million in loans repayable in foreign currencies for 1954–1984 and $226 million for 1970. [4] Includes countries not shown separately.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance From International Organizations*, annual.

No. 1170. Selected Farm Products—U.S. and World Production and Exports: 1981 to 1983

[**In metric tons, except as indicated.** Production year, except as indicated. Metric ton=1.102 short tons or .984 long tons]

ITEM	Unit	AMOUNT						U.S AS PERCENT OF WORLD		
		U.S.			World					
		1981	1982	1983	1981	1982	1983	1981	1982	1983
PRODUCTION [1]										
Wheat	Mil	76	75	66	448	479	490	17.0	15.7	13.5
Corn for grain	Mil	206	209	106	439	439	345	46.9	47.6	30.7
Soybeans	Mil	54.1	59.6	44.5	86.1	93.6	82.3	62.8	63.7	54.1
Rice, rough	Mil	8.3	7.0	4.5	413	420	452	2.0	1.7	1.0
Tobacco, unmanufactured [2]	1,000	936	905	648	5,970	6,876	6,043	15.7	13.2	10.7
Vegetable oils	Mil	6.2	6.6	5.8	40.2	42.1	40.9	15.4	15.7	14.2
Cotton	Mil. bales [3]	15.6	12.0	7.8	71.2	68.1	67.9	21.9	17.6	11.5
EXPORTS [4]										
Wheat [5]	Mil	48.8	39.9	38.9	101.3	98.6	102.9	48.2	40.5	37.8
Corn	Mil	50.0	47.5	47.4	67.3	63.4	60.9	74.3	74.9	77.8
Soybeans	Mil	25.3	24.6	20.2	29.3	28.6	26.1	86.3	86.0	77.4
Rice, milled basis	Mil	2.7	2.2	2.3	11.6	11.9	12.7	23.3	18.5	18.1
Tobacco, unmanufactured [6]	1,000	266	261	239	1,484	1,462	1,388	17.9	17.8	17.2
Vegetable oils	Mil	1.6	1.6	1.4	12.5	13.5	13.0	12.8	11.9	10.8
Cotton	Mil. bales [3]	6.6	5.2	6.8	20.2	19.5	19.3	32.7	26.7	35.2

[1] Production years vary by commodity. In most cases, includes harvests from July 1 of the year shown through June 30 of the following year. [2] Farm sales weight basis. [3] Bales of 480 lb. net weight. [4] Trade years may vary by commodity. [5] Includes wheat flour on a grain equivalent. [6] Redried weight basis.

Source: U.S. Department of Agriculture, Foreign Agricultural Service, *Foreign Agricultural Commodity Circular Series*, periodic.

No. 1171. Selected Farm Products—Production and Exports: 1970 to 1984

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Corn for grain: Production	Mil. bu	4,152	5,841	6,505	7,268	7,928	6,639	8,119	8,235	4,175	7,656
Exports [1]	Mil. bu	517	1,711	1,948	2,133	2,433	2,355	1,967	1,870	1,665	1,950
Percent of production	Percent	12.5	29.3	29.9	29.3	30.7	35.5	24.2	22.7	44.7	25.5
Soybeans, for beans: Production	Mil. bu	1,127	1,548	1,767	1,869	2,261	1,798	1,989	2,190	1,636	1,861
Exports [1]	Mil. bu	434	555	700	[2] 739	875	724	929	905	743	645
Percent of production	Percent	38.5	35.9	39.6	39.5	38.7	40.3	46.7	41.3	45.2	34.7
Wheat: Production	Mil. bu	1,352	2,127	2,046	1,776	2,134	2,381	2,785	2,765	2,420	2,595
Exports [1]	Mil. bu	741	1,173	1,124	1,194	1,375	1,514	1,771	1,509	1,429	1,424
Percent of production	Percent	54.8	55.2	54.9	67.2	64.4	63.6	63.6	54.6	59.0	54.9
Cotton: Production	Mil. bales [3]	10.2	8.3	14.4	10.9	14.6	11.1	15.6	12.0	7.9	13.0
Exports [1]	Mil. bales [3]	3.9	3.3	5.5	6.2	9.2	5.9	6.6	5.2	6.8	6.4
Percent of production	Percent	38.2	39.8	38.2	56.9	63.0	53.2	42.3	43.3	87.2	49.2
Tobacco: [4] Production	Mil. lb	1,906	2,182	1,914	2,025	1,527	1,786	2,084	1,994	1,429	1,728
Exports [5]	Mil. lb	722	668	683	718	708	632	637	615	569	625
Percent of production	Percent	37.8	30.6	35.7	35.5	46.4	35.4	30.9	30.8	39.8	36.2

[1] Represents marketing year for each product. [2] Based on inspections for export. [3] 480 lb. net weight bales.
[4] Farm sales weight. [5] Fiscal year exports.

Source: U.S. Dept. of Agriculture, Economic Research Service. In *Agricultural Statistics,* annual.

No. 1172. Crops—Acreage and Value, 1982 to 1984, and Order of Value, 1984, by State

STATE	Acreage harvested (1,000)			Farm value (mil. dol.)				Crops in order of value, 1984
	1982	1983	1984, prel.	1982	1983	1984, prel. Value	1984, prel. Rank	
U.S. [1]	**349,644**	**293,944**	**335,612**	**81,994**	**70,303**	**77,882**	(X)	**Corn, soybeans, hay, wheat.**
AL	4,424	3,528	3,656	809	651	768	33	Soybeans, peanuts, cotton lint, hay.
AZ	945	678	905	821	720	799	32	Cotton lint, hay, lettuce, cottonseed.
AR	9,237	7,821	8,507	1,625	1,396	1,673	19	Soybeans, rice, wheat, cotton lint.
CA	6,185	4,839	5,739	8,137	7,142	6,952	1	Grapes, cotton lint, hay, tomatoes.
CO	6,194	6,094	6,686	1,017	1,165	1,150	26	Wheat, hay, corn, potatoes.
CT	148	142	150	66	65	52	47	Hay, tobacco, apples, sweet corn.
DE	582	540	539	120	140	129	45	Corn, soybeans, potatoes, wheat.
FL	1,396	1,208	1,332	2,194	2,432	1,924	16	Oranges, tomatoes, sugar cane [2], grapefruit.
GA	6,156	5,218	5,652	1,510	1,407	1,581	20	Peanuts, corn, soybeans, tobacco.
HI	95	99	95	384	423	[3] 142	43	Sugar cane [2], pineapples, macadamia nuts, papayas.
ID	4,746	4,490	4,835	1,428	1,593	1,405	21	Potatoes, hay, wheat, barley.
IL	23,848	20,090	23,496	6,622	4,730	5,817	3	Corn, soybeans, hay, wheat.
IN	12,909	10,679	12,513	3,308	2,512	3,211	7	Corn, soybeans, hay, wheat.
IA	25,369	19,973	24,724	6,652	4,978	5,898	2	Corn, soybeans, hay, oats.
KS	22,690	19,345	21,353	3,201	2,739	2,919	8	Wheat, sorghum, hay, corn.
KY	5,853	4,980	5,674	2,064	1,208	2,039	14	Tobacco, corn, hay, soybeans.
LA	5,444	4,583	4,845	1,207	1,165	1,091	27	Soybeans, cotton lint, rice, sugarcane.[2]
ME	411	394	384	138	189	152	41	Potatoes, hay, apples, oats.
MD	1,678	1,530	1,623	415	368	449	35	Corn, soybeans, hay, tobacco.
MA	162	166	169	124	141	156	40	Cranberries, hay, apples, sweet corn.
MI	7,410	6,220	7,730	1,788	1,733	1,688	18	Corn, hay, soybeans, dry edible beans.
MN	21,658	17,610	20,759	4,564	3,660	4,235	4	Corn, soybeans, hay, wheat.
MS	6,779	5,568	6,291	1,388	1,059	1,296	22	Soybeans, cotton lint, wheat, rice.
MO	14,416	12,773	14,514	2,344	1,861	2,132	13	Soybeans, hay, corn, wheat.
MT	9,656	8,709	9,183	1,131	1,005	842	31	Wheat, hay, barley, sugar beets.
NE	18,806	15,079	18,564	3,733	2,933	3,559	6	Corn, hay, soybeans, wheat.
NV	585	594	596	132	152	130	44	Hay, potatoes, barley, wheat.
NH	112	112	112	25	28	29	48	Hay, apples.
NJ	524	455	472	220	192	206	39	Corn, hay, soybeans, peaches.
NM	1,356	1,137	1,302	308	334	369	36	Hay, sorghum, wheat, cotton lint.
NY	4,206	3,904	4,041	1,017	1,059	1,012	28	Hay, corn, apples, potatoes.
NC	5,725	4,692	5,398	2,272	1,839	2,235	12	Tobacco, corn, soybeans, peanuts.
ND	21,753	18,432	20,975	2,363	2,010	2,242	11	Wheat, sunflower, barley, hay.
OH	10,865	9,081	10,808	2,600	2,243	2,707	9	Corn, soybeans, hay, wheat.
OK	10,244	7,479	8,677	1,261	972	1,150	25	Wheat, hay, peanuts, cotton lint.
OR	2,741	2,668	2,720	916	968	916	29	Wheat, hay, potatoes, onions.
PA	4,610	4,316	4,546	1,214	1,190	1,179	23	Hay, corn, mushrooms, apples.
RI	18	18	17	6	7	6	49	Potatoes, hay, apples.
SC	3,333	2,609	2,912	791	592	736	34	Tobacco, soybeans, corn, peaches.
SD	16,003	13,558	16,270	1,614	1,459	1,786	17	Corn, wheat, hay, soybeans.
TN	5,693	4,963	5,406	1,144	820	1,159	24	Tobacco, soybeans, corn, hay.
TX	22,680	17,350	20,036	3,754	3,520	4,068	5	Cotton lint, sorghum, hay, wheat.
UT	1,154	1,070	1,109	238	256	249	37	Hay, barley, wheat, potatoes.
VT	538	539	537	86	89	85	46	Hay, apples, potatoes.
VA	3,184	2,913	3,116	829	634	901	30	Tobacco, corn, hay, soybeans.
WA	4,847	4,643	4,769	1,747	1,992	1,967	15	Wheat, apples, potatoes, hay.
WV	774	766	769	112	106	143	42	Hay, apples, corn, tobacco.
WI	9,635	8,456	9,404	2,307	2,155	2,306	10	Corn, hay, potatoes, oats.
WY	1,863	1,835	1,904	248	261	242	38	Hay, barley, wheat, sugar beets.

X Not applicable. [1] Excludes Alaska. [2] For sugar and seed. [3] Incomplete data.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production* and *Crop Values;* both annual.

No. 1173. Acreages of Crops Harvested for Specified Purposes: 1960 to 1984

[See also *Historical Statistics, Colonial Times to 1970*, series K 496–499]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984 [1]
Crops harvested [2]	**Mil. acres**	[3] 324	298	293	336	345	338	349	352	366	363	306	348
Domestic use	Mil. acres	255	222	221	236	233	224	224	215	237	250	182	237
Per capita [4]	Acres	1.41	1.14	1.08	1.09	1.06	1.00	1.00	.94	1.03	1.08	.78	1.00
Exports	Mil. acres	64	76	72	100	112	114	125	137	129	113	124	111
Percent of total	Percent	19.8	25.5	24.6	29.8	32.5	33.7	35.8	38.9	35.2	31.1	40.5	31.9
Crop failure	**Mil. acres**	6	6	5	6	9	7	7	12	6	7	5	6

[1] Preliminary. [2] Area in principal crops harvested as reported by Economic Research Service plus acreage in vegetables, fruits, tree nuts, and farm gardens. [3] Includes feed for horses and mules, not shown separately. [4] Based on Bureau of the Census estimated total population, including Armed Forces overseas, as of July 1.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics*, annual.

No. 1174. Production Costs and Returns for Selected Crops: 1982 to 1984

[In dollars per planted acre]

ITEM	CORN			SOYBEANS			WHEAT		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
Total cash receipts	243.63	252.90	271.09	160.64	204.46	166.93	114.69	132.97	123.95
Total cash expenses	207.18	198.55	213.38	105.43	111.42	116.51	85.34	91.16	95.87
Variable expenses [1]	129.74	124.78	134.11	58.92	57.24	60.05	52.88	53.56	55.11
Fixed expenses [2]	77.44	73.77	79.27	46.51	54.18	56.46	32.46	37.60	40.76
Receipts less cash expenses	36.45	54.35	57.71	55.21	93.04	50.42	29.35	41.81	28.08
Capital replacement	33.25	33.56	36.38	23.16	24.50	25.48	19.41	21.02	21.67
Receipts less cash expenses and capital replacement	3.20	20.79	21.33	32.05	68.54	24.94	9.94	20.79	6.41

[1] Includes expenses for seed, fertilizer, lime, chemicals, custom operations, fuel and lubrication, repairs, drying, purchased irrigation water, and management fees. [2] Includes taxes and insurance, general overhead, and interest paid on land and non-land capital.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Costs of Production, 1984.*

No. 1175. Price Support Operations—Selected Commodities: 1980 to 1984

[For explanation of price support operations, see text, p. 632]

CROP AND YEAR	Support or target price (dol. per bu)	National average loan rate (dol. per bu)	QUANTITY UNDER SUPPORT [1] Amount (mil. bu)	QUANTITY UNDER SUPPORT [1] Percent of production
Corn: [2]				
1980	[3] [4] 2.35	[5] 2.25	840	13
1982	[3] 2.70	[5] 2.55	1,580	19
1983	[3] 2.86	2.65	162	4
1984	3.03	2.55	[6] 1,071	14
Soybeans: [7]				
1980	(X)	5.02	133	7
1982	(X)	5.02	397	18
1983	(X)	5.02	101	6
1984	(X)	5.02	[6] 276	15
Wheat: [8]				
1980	3.63	3.00	331	14
1982	4.05	3.55	646	23
1983	4.30	3.65	635	26
1984	4.38	3.30	[6] 281	11

CROP AND YEAR	Support or target price	National average loan rate	QUANTITY UNDER SUPPORT [1] Amount	QUANTITY UNDER SUPPORT [1] Percent of production
Cotton: [9]	Cents per lb.		1,000 bales [10]	
1980	58.4	48.0	2,276	21
1982	71.0	57.1	5,007	42
1983	76.0	55.0	1,744	22
1984	81.0	55.0	[6] 2,949	23
Sorghum: [2]	Dol. per cwt.		Mil cwt.	
1980	[11] 4.46	[12] 3.82	18	5
1982	4.64	[12] 4.32	135	29
1983	4.86	4.50	8	3
1984	5.14	4.32	[6] 36	7
Rice: [9]	Dol. per cwt.		Mil cwt.	
1980	9.49	7.12	25	17
1982	10.85	8.14	65	42
1983	11.40	8.14	40	40
1984	11.90	8.00	[6] 58	42

X Not applicable. [1] Represents loans made, purchases, and purchase agreements entered into. [2] For years beginning October 1. [3] Guaranteed on normal production from participating farms. [4] Target price was $2.05 if producer was not in compliance with his normal crop acreage. [5] National average loan rate for corn put into farmer-owned reserve was $2.40 per bushel in 1980 and $2.90 in 1982. [6] Preliminary. [7] For years beginning September 1. [8] For years beginning June 1. [9] For years beginning August 1. [10] Bales of 480 lb. net weight. [11] Target price was $4.38 per cwt, if producer was not in compliance with his normal crop acreage. [12] National average loan rate for grain sorghum put into the farmer-owned reserve was $4.07 per cwt. in 1980 and $4.91 in 1982.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service. Data published in *Agricultural Statistics*, annual.

No. 1176. Principal Crops—Production, Supply and Disappearance: 1980 to 1984

[**Marketing year beginning May 1 for hay, June 1 for wheat and barley, August 1 for cotton and rice, September 1 for** soybeans, October 1, for **corn and sorghum.** Acreage, production, and yield of all crops periodically revised on basis of census data. See also *Historical Statistics, Colonial Times to 1970,* series K506–563]

CROP AND YEAR	Acreage harvested (mil.)	Yield per acre	Production	Farm price [1]	Farm value [2] (mil. dol.)	SUPPLY AND DISAPPEARANCE					
						Total supply [3]	Disappearance				Ending stocks
							Total	Feed and residual	Other domestic	Exports	
Corn for grain:		Bu.	Mil. bu.	$/bu.				Mil. bu.			
1980	73.0	91.0	6,639	3.11	20,554	8,258	7,223	4,133	735	2,355	1,034
1981	74.5	108.9	8,119	2.50	20,200	9,154	6,980	4,202	811	1,967	2,174
1982	72.7	113.2	8,235	2.68	22,039	10,410	7,290	4,522	898	1,870	3,120
1983	51.5	81.1	4,175	3.25	13,537	7,297	6,574	3,736	973	1,865	723
1984	71.8	106.6	7,656	2.69	20,544	8,382	7,150	4,150	1,050	1,950	1,232
Soybeans for beans:		Bu.	Mil. bu.	$/bu.				Mil. bu.			
1980	67.8	26.5	1,798	7.57	13,601	2,156	1,843	[4] 99	1,020	724	313
1981	66.2	30.1	1,989	6.04	12,005	2,302	2,048	[4] 89	1,030	929	254
1982	69.4	31.5	2,190	5.69	12,463	2,444	2,099	[4] 86	1,108	905	345
1983	62.5	26.2	1,636	7.81	12,775	1,981	1,805	[4] 79	983	743	176
1984	66.1	28.2	1,861	6.13	11,402	2,037	1,752	[4] 82	1,025	645	285
Hay:		Sh. tons	Mil. Sh. tons	$/ton.				Mil. sh. tons			
1980	58.9	2.22	131	[5] 71.00	8,085	164.3	138.9	(NA)	(NA)	(NA)	25.4
1981	59.6	2.39	143	[5] 67.30	9,181	167.9	142.9	(NA)	(NA)	(NA)	25.0
1982	59.8	2.50	149	[5] 69.30	9,530	174.2	146.1	(NA)	(NA)	(NA)	28.1
1983	59.7	2.36	141	[5] 75.80	9,971	168.9	148.8	(NA)	(NA)	(NA)	20.1
1984	61.6	2.45	151	[5] 75.50	10,705	170.9	144.0	(NA)	(NA)	(NA)	26.9
Wheat:		Bu.	Mil. bu.	$/bu.				Mil. bu			
1980	71.1	33.5	2,381	3.91	9,303	3,286	2,297	60	723	1,514	989
1981	80.6	34.5	2,785	3.66	10,172	3,777	2,618	135	712	1,771	1,159
1982	77.9	35.5	2,765	3.55	9,813	3,932	2,417	195	713	1,509	1,515
1983	61.4	39.4	2,420	3.53	8,533	3,939	2,540	376	735	1,429	1,399
1984	66.9	38.8	2,595	3.37	8,735	4,002	2,578	419	735	1,424	1,424
Cotton:		Lb.	Mil. bales [5]	¢/lb.				1,000 bales [6]			
1980	13.2	404	[7] 11.1	74.7	3,987	14,150	11,817	(X)	5,891	5,926	2,333
1981	13.8	542	[7] 15.6	54.3	4,075	18,340	11,831	(X)	5,264	6,567	6,509
1982	9.7	590	[7] 12.0	59.4	3,410	18,615	10,720	(X)	5,513	5,207	7,895
1983	7.3	508	[7] 7.8	66.4	2,478	15,720	12,712	(X)	5,926	6,786	3,008
1984	10.4	600	[7] 13.0	58.7	3,658	15,782	11,045	(X)	4,985	6,060	4,737

Tobacco:[5]		Lb.	Mil. lb.	$/lb.				Mil. lb.			
1980	.9	1,939	1,786	1.52	2,720	5,051	1,761	(x)	1,111	650	3,289
1981	1.0	2,113	2,064	1.71	3,520	5,323	1,762	(x)	1,065	697	3,561
1982	.9	2,185	1,994	1.76	3,519	5,497	1,663	(x)	1,035	628	3,834
1983	.8	1,811	1,429	1.75	2,496	5,343	1,534	(x)	937	597	3,809
1984	.8	2,180	1,728	1.81	3,122	5,502	1,581	(x)	919	662	3,921
Sorghum for grain:		Bu.	Mil. bu.	$/bu.				Mil. bu.			
1980	12.5	46.3	579	2.94	1,697	726	617	301	11	305	109
1981	13.7	64.0	876	2.38	2,079	984	688	428	11	249	296
1982	14.1	59.1	835	2.52	2,091	1,131	731	507	10	214	400
1983	10.0	48.7	488	2.84	1,382	888	637	381	10	246	251
1984	15.3	56.4	866	2.37	2,039	1,117	820	525	20	275	297
Barley:		Bu.	Mil. bu.	$/bu.				Mil. bu.			
1980	7.3	49.7	361	2.84	1,017	563	426	174	175	77	137
1981	9.0	52.4	474	2.44	1,154	621	473	198	175	100	148
1982	9.0	57.2	516	2.22	1,143	675	458	240	171	47	217
1983	9.7	52.3	509	2.50	1,269	733	544	282	170	92	189
1984	11.2	53.4	597	2.26	1,347	796	548	300	171	77	248
Rice, rough:		Lb.	Mil. cwt.	$/cwt.				Mil. cwt.			
1980	3.3	4,413	146	12.80	1,873	172	156	10	55	91	16
1981	3.8	4,819	183	9.05	1,654	200	151	9	60	82	49
1982	3.3	4,710	154	8.11	1,247	203	132	9	54	69	71
1983	2.2	4,598	100	8.76	874	172	125	6	49	70	47
1984	2.8	4,926	137	8.11	1,111	185	121	5	54	62	64

NA Not available. X Not applicable. [1] Season average price received by farmers. State prices weighted by sales to obtain U.S. price. For certain years, prices for corn, soybeans, wheat, cotton, sorghum, rice, and barley included an allowance for unredeemed loans and purchase agreement deliveries. [2] Values are based on season average prices; see footnote 1. [3] Comprises production, imports and beginning stocks. [4] Includes seed. [5] Prices are for hay sold baled. [6] Bales of 480 pounds, net weight. [7] State production figures, which conform with U.S. Bureau of the Census annual ginning enumeration with allowance for cross-State ginnings, rounded to thousands and added for U.S. totals. [8] Flue-cured and cigar wrapper, crop year July–June; all other types October–September. Farm-sales-weight basis.

Source: Production—U.S. Dept. of Agriculture, Statistical Reporting Service. In *Crop Production,* annual, *Field Crops* (Statistical Bulletin number 708); *Crop Values* (Statistical Bulletin number 729). Supply and disappearance—U.S. Dept. of Agriculture, Economic Research Service, *Feed Situation,* quarterly; *Fats and Oils Situation,* quarterly; *Wheat Situation,* quarterly; *Tobacco Situation,* quarterly; *Cotton and Wool Outlook Statistics,* periodic; and *Agricultural Supply and Demand Estimates,* periodic. All data are also in *Agricultural Statistics,* annual; and *Agricultural Outlook,* monthly.

No. 1177. Corn for Grain—Acreage, Production, and Value, by State: 1982 to 1984

[See *Historical Statistics, Colonial Times to 1970,* series K 502-505, for U.S. data on corn for all purposes]

State	Acreage harvested (1,000 acres)			Yield per acre (bu.) [1]			Production (mil. bu.) [1]			Price [2] (dol. per bu.)			Farm value [2] (mil. dol.)		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
Total	**72,719**	**51,483**	**71,816**	**113**	**81**	**107**	**8,235**	**4,175**	**7,656**	**2.68**	**3.25**	**2.69**	**22,039**	**13,537**	**20,544**
AL	380	305	385	66	59	65	25	18	25	2.70	3.55	2.95	68	64	74
CA	330	260	375	130	128	136	43	33	51	3.42	4.05	3.40	147	134	173
CO	790	610	680	129	122	134	102	74	91	2.78	3.17	2.70	283	236	246
DE	177	145	150	102	75	110	18	11	17	2.56	3.76	3.00	46	41	50
FL	210	122	210	66	67	65	14	8	14	2.45	3.80	3.05	34	31	42
GA	815	735	985	85	75	82	69	55	81	2.62	3.64	3.15	182	201	254
IL	11,440	7,900	10,940	131	79	114	1,499	624	1,247	2.66	3.26	2.70	3,986	2,035	3,367
IN	6,270	4,670	6,030	126	73	117	790	341	706	2.47	3.30	2.65	1,951	1,125	1,870
IA	13,150	8,550	12,900	120	87	112	1,578	744	1,445	2.75	3.11	2.55	4,340	2,313	3,684
KS	1,220	920	870	114	93	125	139	86	109	2.76	3.25	2.90	384	278	315
KY	1,490	960	1,460	103	48	100	153	46	146	2.57	3.54	2.85	394	163	416
MD	640	545	590	103	68	118	66	37	70	2.60	3.75	3.00	171	138	209
MI	2,740	1,800	2,620	107	92	84	293	166	220	2.55	3.20	2.70	748	530	594
MN	6,500	4,370	6,440	113	84	107	735	367	689	2.63	3.05	2.55	1,932	1,120	1,757
MO	1,970	1,430	1,930	101	51	80	199	73	154	2.73	3.40	2.70	543	248	417
NE	6,800	4,850	6,950	110	97	115	748	470	799	2.85	3.12	2.70	2,132	1,468	2,158
NY	765	600	660	92	90	93	70	54	61	3.00	3.52	2.85	211	190	175
NC	1,570	1,280	1,620	99	60	90	155	77	146	2.37	3.67	2.85	368	282	416
ND	520	435	630	68	67	66	35	29	42	2.69	3.02	2.55	95	88	106
OH	4,000	2,800	3,900	114	80	118	456	224	460	2.56	3.29	2.60	1,167	737	1,197
PA	1,300	1,050	1,350	97	69	110	126	72	149	2.73	3.75	2.95	344	272	438
SC	380	275	447	86	62	78	33	17	35	2.73	3.50	2.85	91	60	99
SD	2,690	1,970	2,780	72	53	67	194	104	186	2.50	3.03	2.45	484	316	456
TN	630	480	690	90	48	95	57	23	66	2.67	3.65	2.95	151	84	193
TX	1,140	1,080	1,550	105	97	93	120	105	144	3.09	3.39	3.05	370	355	440
VA	620	340	540	101	48	104	63	16	56	2.55	3.70	2.95	160	60	166
WI	3,350	2,300	3,250	108	97	106	362	223	345	2.74	3.15	2.65	991	703	913
Other	832	701	884	112	111	115	93	78	102	(X)	(X)	(X)	266	265	319

X Not applicable. [1] 56 pounds per bushel. [2] Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by State.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production,* annual; and *Crop Values,* annual.

No. 1178. Soybeans for Beans—Acreage, Production, and Value, by State: 1982 to 1984

[See *Historical Statistics, Colonial Times to 1970,* series K 521, for U.S. totals]

State	Acreage harvested (1,000 acres)			Yield per acre (bu.)			Production (mil. bu.)			Price [1] (dol. per bu.)			Farm value [1] (mil. dol.)		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
Total [2]	**69,442**	**62,525**	**66,093**	**31.5**	**26.2**	**28.2**	**2,190**	**1,636**	**1,861**	**5.69**	**7.81**	**6.13**	**12,463**	**12,775**	**11,402**
AL	2,000	1,500	1,370	25.0	20.0	21.0	50	30	29	5.36	7.80	6.20	268	234	178
AR	4,400	3,800	3,900	24.0	18.5	26.0	106	70	101	5.71	7.87	6.25	603	553	634
GA	2,350	2,000	2,000	27.0	21.0	20.0	63	42	40	5.45	7.59	6.10	346	319	244
IL	9,200	9,050	9,020	38.5	29.5	32.0	354	267	289	5.89	7.94	6.25	2,086	2,120	1,804
IN	4,500	3,950	4,350	38.5	31.0	34.5	173	122	150	5.51	7.96	6.15	955	975	923
IA	8,400	7,960	8,400	36.5	35.0	31.5	307	279	265	5.82	7.75	6.05	1,784	2,159	1,601
KS	1,780	1,520	1,620	26.0	16.0	17.5	46	24	28	5.57	7.79	6.00	258	189	170
KY	1,830	1,440	1,460	31.5	17.0	29.0	51	24	42	5.74	7.79	6.30	295	191	267
LA	2,900	2,620	2,380	26.0	26.0	27.0	75	68	64	5.65	7.77	6.20	426	529	398
MI	1,140	1,040	1,190	31.0	32.5	27.0	35	34	32	5.46	7.82	6.20	193	264	199
MN	4,830	4,600	5,240	35.0	33.0	33.0	169	152	173	5.81	7.64	6.05	982	1,160	1,046
MS	3,550	3,100	3,200	26.0	19.0	24.0	92	59	77	5.74	7.85	6.30	530	462	484
MO	5,700	5,150	5,300	30.0	20.0	20.5	171	103	109	5.61	7.84	6.15	959	808	668
NE	2,250	2,070	2,550	35.0	28.5	25.0	79	59	64	5.50	7.64	5.95	433	451	379
NC	2,100	1,650	1,790	25.0	20.0	26.0	53	33	47	5.58	7.89	6.05	293	260	282
OH	3,700	3,280	3,770	36.0	32.0	36.5	133	105	138	5.68	7.91	6.15	757	830	846
SC	1,800	1,430	1,490	22.0	16.5	20.0	40	24	30	5.75	7.79	6.10	228	184	182
TN	2,300	1,970	1,650	26.5	16.0	26.0	61	32	48	5.57	7.96	6.00	339	251	289
TX	920	420	410	25.0	22.5	29.0	23	9	12	5.40	7.43	5.65	124	70	67
VA	665	610	730	29.0	16.0	29.5	19	10	22	5.70	7.85	6.15	110	77	132

[1] Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by State. [2] Includes States not shown separately.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production,* annual; and *Crop Values,* annual.

No. 1179. Wheat—Acreage, Production, and Value, by State: 1982 to 1984

[See *Historical Statistics, Colonial Times to 1970*, series K 506-508, for U.S. acreage, production, and price]

State	Acreage harvested (1,000 acres)			Yield per acre (bushels) [2]			Production (mil. bushels) [2]			Price [3] (dol. per bu.)			Farm value [3] (mil. dol.)		
	1982	1983	1984 [1]	1982	1983	1984 [1]	1982	1983	1984 [1]	1982	1983	1984 [1]	1982	1983	1984 [1]
Total [4]	**77,937**	**61,390**	**66,928**	**36**	**39**	**39**	**2,765**	**2,420**	**2,595**	**3.55**	**3.53**	**3.37**	**9,813**	**8,533**	**8,735**
AR	1,900	1,500	1,400	38	39	44	72.2	58.5	61.6	3.23	3.31	3.30	233	194	203
CA	1,075	680	784	72	69	79	77.2	46.6	61.8	3.76	4.04	3.65	290	188	226
CO	2,958	3,063	3,270	29	40	35	85.0	122.1	115.3	3.47	3.28	3.15	295	400	364
GA	1,370	910	890	33	34	35	45.2	30.9	31.2	3.05	3.24	3.20	138	100	100
ID	1,510	1,305	1,280	63	70	64	94.8	91.7	81.4	3.77	3.46	3.25	357	318	265
IL	1,500	1,400	1,600	45	46	44	67.5	64.4	70.4	3.11	3.36	3.25	210	216	229
IN	1,030	970	1,050	42	51	46	43.3	49.5	48.3	3.14	3.33	3.25	136	165	157
KS	13,100	10,800	11,200	35	42	39	458.5	448.2	431.2	3.56	3.46	3.35	1,632	1,551	1,445
MI	560	730	800	41	49	57	23.0	35.8	45.6	3.33	3.40	3.20	76	122	146
MN	3,184	2,140	2,553	40	37	47	126.8	79.0	120.7	3.75	3.82	3.44	475	301	415
MO	2,200	1,850	2,050	34	38	41	74.8	70.3	84.1	2.99	3.39	3.25	224	238	273
MT	5,360	4,455	4,640	34	31	23	180.3	136.9	104.7	3.65	3.67	3.49	658	503	365
NE	2,900	2,300	2,250	35	43	36	101.5	98.9	81.0	3.45	3.39	3.30	350	335	267
ND	10,300	7,205	8,660	32	27	33	324.8	194.1	284.2	3.69	3.76	3.51	1,199	731	997
OH	1,200	1,200	1,100	43	49	44	51.6	58.8	48.4	3.16	3.38	3.30	163	199	160
OK	6,900	4,300	5,300	33	35	36	227.7	150.5	190.8	3.65	3.51	3.35	831	528	639
OR	1,200	1,085	1,115	53	60	62	63.5	65.6	68.9	4.02	3.69	3.40	255	242	234
SD	3,595	2,727	3,662	27	33	34	98.5	89.7	126.0	3.69	3.67	3.36	364	329	424
TX	6,000	4,600	5,000	24	35	30	144.0	161.0	150.0	3.68	3.55	3.35	530	572	503
WA	2,840	2,690	2,610	49	64	61	138.9	172.6	160.4	4.04	3.69	3.40	561	637	545

[1] Preliminary. [2] 60 pounds per bushel. [3] See footnote 2, table 1177. [4] Includes States not shown separately.

No. 1180. Cotton—Acreage, Production, and Value, by State: 1982 to 1984

[Cotton production excludes linters. Values shown are for marketing season or crop year and should not be confused with calendar-year income. See *Historical Statistics, Colonial Times to 1970*, series K 553-558 for U.S. totals]

State	Acreage harvested (1,000)			Yield per acre (lb.)			Production (1,000 bales) [1]			Farm price per lb. [2] (cents)			Farm value [2] (mil. dol.)		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
Total [3]	**9,734**	**7,348**	**10,379**	**590**	**508**	**600**	**11,963**	**7,771**	**12,982**	**59.4**	**66.4**	**58.7**	**3,410**	**2,478**	**3,658**
AL	285	215	307	775	409	699	460	183	447	58.5	65.7	55.9	129	58	120
AZ	512	313	479	1,089	1,183	1,187	1,161	772	1,185	61.9	70.2	61.3	349	260	349
AR	390	290	465	657	535	632	534	323	612	58.0	66.5	56.2	149	103	165
CA	1,370	950	1,400	1,077	996	994	3,073	1,971	2,913	66.9	72.8	65.8	987	689	920
GA	158	115	172	714	467	784	235	112	281	56.6	67.2	59.2	64	36	80
LA	595	410	645	702	623	786	870	532	1,056	56.5	65.4	55.1	236	167	279
MS	990	675	1,032	853	640	767	1,760	900	1,650	59.8	66.2	56.1	505	286	444
MO	151	93	162	648	377	554	204	73	187	59.2	68.5	58.5	58	24	53
TN	255	215	325	638	337	498	339	151	337	57.7	68.5	56.9	94	50	92
TX	4,320	3,572	4,719	303	324	377	2,723	2,412	3,710	51.7	59.9	55.4	676	694	987

[1] Bales of 480 lb net weight. [2] Includes allowance for unredeemed loans in 1982 and 1983. For 1984, average price to April 1, 1985, with no allowance for unredeemed loans. [3] Includes States not shown separately.

No. 1181. Tobacco—Acreage, Production, and Value, by State: 1982 to 1984

[See *Historical Statistics, Colonial Times to 1970*, series K 561-563, for U.S. acreage, production, and price]

State	Acreage harvested (1,000)			Yield per acre (pounds)			Production (mil. lb.)			Price [1] (dol. per lb.)			Farm value (mil. dol.)		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
Total [2]	**913**	**789**	**793**	**2,185**	**1,811**	**2,180**	**1,994**	**1,429**	**1,728**	**1.76**	**1.75**	**1.81**	**3,519**	**2,496**	**3,122**
FL	9	8	7	2,255	2,260	2,560	21	18	18	1.78	1.71	1.80	37	30	32
GA	49	44	38	2,155	2,190	2,250	106	96	86	1.80	1.80	1.83	190	174	156
IN	9	8	8	2,350	1,610	2,320	20	13	19	1.82	1.77	1.87	37	23	35
KY	244	203	229	2,414	1,597	2,320	589	325	530	1.80	1.75	1.85	1,062	568	982
MD	27	27	24	1,390	1,100	1,300	38	30	31	1.53	1.05	(S)	57	31	45
NC	326	278	272	2,151	1,969	2,172	701	547	590	1.78	1.78	1.81	1,249	973	1,067
OH	14	12	12	2,213	1,485	2,209	32	18	27	1.73	1.68	1.81	55	30	48
SC	59	54	47	2,105	2,090	2,245	124	113	106	1.77	1.61	1.81	219	204	191
TN	83	73	75	2,156	1,621	2,062	178	118	155	1.72	1.80	1.79	307	212	277
VA	62	54	54	2,033	1,628	2,153	125	99	116	1.76	1.72	1.79	221	171	207

[1] See footnote 1, table 1176. [2] Includes States not shown separately. [3] Evaluated at 143.7 cents per pound, the average sales through April 30, 1985.

Source: of tables 1179-1181: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*, annual; and *Crop Values*, annual.

No. 1182. Sugar, Beet and Cane—Supply and Disappearance: 1970 to 1984

[In thousands of short tons, raw value]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Total supply	**14,392**	**13,132**	**14,515**	**15,827**	**14,828**	**14,621**	**14,110**	**14,380**	**12,441**	**12,003**	**12,041**
United States production	5,874	6,300	6,798	6,089	5,602	5,793	5,736	6,225	5,936	5,682	5,888
Beet	3,511	3,473	4,003	3,423	3,067	3,066	3,052	3,182	3,160	2,588	3,059
Mainland cane [1]	1,201	1,720	1,745	1,632	1,506	1,667	1,661	1,995	1,793	2,050	1,767
Hawaii	1,162	1,107	1,050	1,034	1,029	1,060	1,023	1,048	983	1,044	1,062
Imports	5,296	3,882	4,658	6,138	4,683	5,027	4,495	5,025	2,964	3,186	3,559
Puerto Rico	353	96	203	102	52	47	178	48	80	67	24
Beginning stocks	2,869	2,854	2,856	3,498	4,491	3,754	3,701	3,082	3,461	3,068	2,570
Total disappearance	**10,926**	**10,276**	**11,017**	**11,336**	**11,074**	**10,920**	**11,028**	**10,919**	**9,373**	**9,433**	**9,036**
U.S. consumption	10,532	10,302	10,893	11,099	10,889	10,756	10,189	9,769	9,160	8,917	8,569
Exports	66	216	76	35	48	73	669	1,191	137	300	429
Other [2]	328	−242	48	202	137	91	150	−41	76	216	38

[1] Florida, Louisiana, and beginning 1975, Texas. [2] Includes net change in invisible stocks, balancing items, and minor quantities of sugar for livestock feed and alcohol.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Sugar and Sweetener Outlook and Situation*, quarterly.

No. 1183. Sugarcane and Sugar Beets—Acreage, Production, and Value; and Sugar Production: 1970 to 1984

[Data are for crop year. See also *Historical Statistics, Colonial Times to 1970*, series K 542–546]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Sugarcane for sugar and seed:											
Acreage harvested	1,000 acres	584	774	759	744	733	733	755	742	788	747
Yield per acre	Sh. tons	41.1	36.6	35.3	35.0	36.2	36.8	36.3	40.1	36.7	36.6
Production	Mil. tons	24.0	28.3	26.8	26.0	26.5	27.0	27.4	29.8	28.2	27.3
Price per ton for sugar [1]	Dollars	[2] 10.50	21.50	17.70	19.50	26.00	38.50	24.90	26.50	27.80	(NA)
Farm value [3]	Mil. dol	[2] 140	608	474	507	691	1,036	682	790	781	(NA)
Sugar beets:											
Acreage harvested	1,000 acres	1,413	1,517	1,216	1,269	1,120	1,190	1,228	1,027	1,056	1,096
Yield per acre	Sh. tons	18.7	19.6	20.6	20.3	19.6	19.8	22.4	20.3	19.9	20.2
Production	Mil. sh. tons	26.4	29.7	25.0	25.8	22.0	23.5	27.5	20.9	21.0	22.2
Price per ton [1]	Dollars	14.80	27.60	24.20	25.20	33.90	47.20	29.20	35.40	37.00	(NA)
Farm value	Mil. dol	392	821	604	650	745	1,109	804	740	778	(NA)
Sugar produced:											
Beet, raw value [4]	1,000 tons	3,322	4,019	3,108	3,289	2,879	3,149	3,388	2,737	2,699	2,902
Cane, raw value [4]	1,000 tons	2,416	2,934	2,684	2,612	2,700	2,728	2,633	3,063	2,930	3,007
Per ton of cane [4]	Lb	210	214	209	211	213	213	217	215	215	231
Cane, refined basis [5]	1,000 tons	2,258	2,743	2,508	2,441	2,524	2,550	2,647	2,863	2,739	2,811
Molasses made from sugar cane [6]	Mil. gal	141	183	165	162	165	163	183	177	176	174

NA Not available. [1] Season average prices received by farmers. Prices exclude Government payments under Sugar Act. [2] Excludes Hawaii. [3] Price per ton of cane for sugar used in evaluating value of production for seed. [4] Raw value equals 96° sugar as defined in Sugar Act of 1948. [5] Calculated on the basis of 100 lbs. of raw sugar required to produce 93.46 lbs. of refined sugar. [6] 80° brix except 85° brix for Hawaii. Includes high-test molasses from frozen cane.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Field Crops* (Statistical Bulletin 708); *Crop Production*, June issue and annual; and *Crop Values* (Statistical Bulletin 729).

No. 1184. Potatoes—Acreage, Production, and Value, by State: 1982 to 1984

[Excludes Alaska and Hawaii. 1984 preliminary. Price is season average received by farmers; State prices weighted by sales. See *Historical Statistics, Colonial Times to 1970*, series K 532–534, for U.S. acreage, production, price]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (cwt)			PRODUCTION (mil. cwt)			PRICE (dol. per cwt)			FARM VALUE (mil. dol.)		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
Total	**1,267**	**1,243**	**1,300**	**280**	**269**	**278**	**355**	**334**	**362**	**4.45**	**5.82**	**5.67**	**1,563**	**1,936**	**2,034**
CA	56	56	60	376	355	377	21	20	23	8.90	9.20	10.70	187	183	242
CO	52	53	60	282	297	320	15	16	19	3.65	6.25	4.30	53	99	82
FL	32	31	34	219	193	236	7	6	8	8.90	9.25	8.90	62	56	71
ID	322	312	325	285	276	266	92	86	87	3.50	5.20	5.15	321	447	446
ME	106	94	89	255	240	240	27	23	21	3.35	6.25	4.75	91	141	101
MI	49	53	57	260	228	266	13	12	15	4.65	6.60	5.60	60	80	85
MN	71	68	79	190	172	197	13	12	15	3.95	5.55	5.10	53	64	79
NV	13	12	10	315	310	330	4	4	3	2.60	5.70	5.40	11	21	16
NY	44	41	39	264	238	264	12	10	10	4.90	7.85	6.20	57	76	64
ND	115	128	133	150	160	155	17	20	21	4.35	4.90	4.50	75	100	93
OR	53	49	56	402	427	409	21	21	23	3.90	4.65	4.65	82	96	105
PA	21	22	22	235	200	240	5	4	5	5.50	8.10	6.50	27	35	34
WA	110	104	115	480	520	495	53	54	57	3.75	4.25	4.65	198	230	265
WI	65	62	61	350	305	350	23	19	21	4.10	5.55	4.60	93	105	98
Other	158	158	160	203	171	213	32	27	34	(x)	(x)	(x)	193	203	251

X Not applicable.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*, annual, and *Crop Values*, annual.

No. 1185. Commercial Vegetable and Other Specified Crops—Area, Production, and Value, 1982 to 1984, and Leading Producing States, 1984

[Relates to commercial production for fresh market and processing combined. Includes market garden areas but excludes minor producing acreage in minor producing States. Excludes production for home use in farm and nonfarm gardens. Value is for season or crop year and should not be confused with calendar-year income]

Crop	Area [1] (1,000 acres)			Production [2] (1,000 short tons)			Value [3] (mil. dol.)			Leading States in order of production, 1984
	1982	1983	1984	1982	1983	1984	1982	1983	1984	
Beans, snap [4]	204.4	196.7	216.6	643.9	587.4	666.1	106.6	94.3	113.9	WI, OR, NY
Beans, dry edible	1,777.0	1,138.7	1,456.3	1,278.2	776.0	1,037.7	363.8	347.9	373.8	MI, NE, CA
Broccoli	92.0	91.8	106.8	441.0	417.5	515.0	211.1	210.8	238.3	CA, TX, OR
Carrots	86.9	90.3	92.6	1,204.1	1,186.9	1,182.1	208.0	220.2	249.1	CA, MI, TX
Cauliflower	51.4	55.3	61.0	268.5	275.1	329.2	131.4	143.7	182.6	CA, OR, AZ
Celery	36.4	34.8	35.1	957.0	914.4	937.9	194.3	250.2	228.5	CA, FL, MI
Corn, sweet	633.0	590.6	620.2	2,741.2	2,227.8	2,552.9	344.2	318.5	367.1	MN, WI, OR
Honeydew melons	24.9	23.8	23.3	189.0	195.9	200.1	53.1	51.5	55.4	CA, TX, AZ
Lettuce	216.1	227.9	229.2	3,147.5	3,163.8	3,214.9	758.5	790.4	679.3	CA, AZ, FL
Peppermint	60.9	61.3	67.2	1.8	1.9	2.2	33.9	39.2	46.4	OR, WA, ID
Spearmint	22.8	26.2	27.9	.7	.8	1.0	17.1	19.7	26.2	WA, WI, ID
Onions	125.9	123.0	129.4	2,093.1	1,938.1	2,182.9	307.5	431.9	423.8	CA, TX, OR
Peas, green [4]	303.8	308.8	330.5	496.3	425.7	495.3	112.5	92.2	117.3	WI, WA, MN
Strawberries	40.3	43.4	43.3	441.5	446.8	495.5	424.6	407.2	413.3	CA, FL, OR
Sweet potatoes	115.4	102.4	104.6	741.7	604.2	649.5	118.9	162.3	176.3	NC, LA, CA
Tomatoes	415.0	415.3	414.8	8,637.4	8,391.7	9,080.1	1,125.9	1,137.3	1,229.0	CA, FL, OH

[1] Area of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other factors, plus area harvested for processing. [2] Excludes some quantities not marketed. [3] Fresh market vegetables valued at f.o.b. shipping point. Processing vegetables are equivalent returns at packinghouse door. [4] Processing only.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Vegetables*, annual summary. Also in *Agricultural Statistics*, annual.

No. 1186. Fruits and Nuts—Utilized Production and Value, 1982 to 1984, and Leading Producing States, 1984

Fruit	Utilized production [1]				Farm value (mil. dol.)			Leading States in order of production, 1984
	Unit	1982	1983	1984, prel.	1982	1983	1984, prel.	
Apples (34 States) [2]	Mil. lb	8,110	8,352	8,271	809	879	928	WA, NY, MI
Apricots	1,000 tons	118	94	117	36	29	35	CA, WA, UT
Avocados	1,000 tons	237	273	277	110	103	91	CA, FL
Cherries, sweet	1,000 tons	135	169	164	94	106	100	WA, CA, MI
Cherries, tart	Mil. lb	245	154	255	35	72	63	MI, NY, UT
Cranberries	Barrels [3]	3,039	2,986	3,313	142	155	172	MA, WI, NJ
Grapefruit (4 States)	Mil. boxes [4]	70.6	60.6	52.6	229	185	208	FL, CA, TX
Grapes	1,000 tons	5,865	5,360	5,140	1,359	1,066	947	CA, WA, NY
Lemons (2 States) [5]	Mil. boxes [6]	24.8	25.4	21.3	106	111	115	CA, AZ
Olives	1,000 tons	147	61	92	76	32	48	CA
Oranges and tangerines (4 States)	Mil. boxes [7]	181.7	230.7	174.0	1,209	1,360	1,253	FL, CA, AZ
Peaches	Mil. lb	2,102	1,754	2,452	303	260	319	CA, SC, GA
Pears	1,000 tons	803	774	697	147	132	161	CA, WA, OR
Plums and prunes (fresh)	1,000 tons	569	672	718	171	176	161	CA, WA, MI
Almonds	Mil. lb	347	242	587	311	232	470	CA
Pecans (in the shell)	Mil. lb	219	270	232	147	158	145	GA, OK, TX
Walnuts, English	1,000 tons	234	199	213	239	126	161	CA

[1] Excludes quantities not harvested or not marketed. [2] Production in commercial orchards with 100 or more bearing age trees. [3] 100 pounds. [4] Approximate average, net weight, is 65 lb. in AZ and CA, 85 in FL, and 80 in TX. [5] Includes estimates for AZ. [6] About 76 lb. net. [7] Net content of box varies. In CA and AZ approximate average for oranges and tangerines is 75 lb.; FL oranges, 90 lb.; TX oranges, 85 lb.; and FL tangerines, 95 lb.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Noncitrus Fruits and Nuts*, annual; and *Citrus Fruits*, annual.

No. 1187. Principal Frozen Foods—Production: 1970 to 1984

[Represents commercial pack]

Product	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total fruits and vegetables	Mil. lb	4,937	6,077	5,780	6,120	6,933	7,103	7,450	6,923	7,598	8,305	7,834	8,400
Vegetable, excl. potatoes	Mil. lb	1,912	2,488	2,212	2,156	2,623	2,712	2,785	2,416	2,736	3,154	2,644	2,948
Potato products	Mil. lb	2,404	2,985	3,001	3,335	3,623	3,849	4,090	3,853	4,236	4,377	4,510	4,733
Fruits and berries	Mil. lb	621	604	567	629	687	543	575	653	626	774	680	719
Concentrates, juices and purees	Mil. gal	(NA)	(NA)	(NA)	201	174	184	197	261	215	180	210	170
Seafood	Mil. lb	388	340	300	552	566	617	605	549	484	501	593	598
Poultry	Mil. lb	2,160	2,222	2,070	2,359	2,238	2,318	2,606	2,765	3,029	2,783	2,805	2,740

NA Not available.

Source: American Frozen Food Institute, Burlingame, CA, *Frozen Food Pack Statistics*, annual. (Copyright.)

No. 1188. Canned Foods—Production: 1970 to 1983

[**In millions of standard cases of 24 No. 303 cans, except as noted.** Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970*, series P 233-234, for corn and tomatoes in cases of 24 No. 2 cans]

PRODUCT	1970	1980	1982	1983
Fruits [1]	99.4	95.1	[2] 56.9	(NA)
Apples [3]	2.3	1.6	1.6	1.6
Applesauce [3]	14.1	10.6	10.9	10.5
Apricots	3.8	3.0	1.6	1.2
Berries	.4	.2	.4	.3
Cherries, red, pitted	1.0	.5	.5	.2
Cherries, sweet	.7	.4	.5	.5
Cranberry sauce [3]	3.9	3.6	3.6	(NA)
Fruit cocktail [4]	13.1	14.8	8.7	8.2
Fruit salad/mixed fruits [4]	1.2	3.2	2.4	1.3
Grapefruit sections [3 5]	2.3	1.2	(NA)	(NA)
Peaches	29.6	26.8	18.6	11.4
Pears	8.6	10.9	7.8	7.2
Pineapple [3 6]	17.8	17.1	(NA)	(NA)
Plums, purple	.8	1.1	.4	.4
Juices: [3 7]				
Apple	14.1	27.3	26.7	(NA)
Grapefruit	26.0	19.0	(NA)	(NA)
Orange	15.4	17.2	(NA)	(NA)
Orange-grapefruit	2.5	1.1	(NA)	(NA)
Pineapple [6]	13.7	13.6	(NA)	(NA)
Tomato [8]	30.1	22.7	19.7	(NA)
Seasonal vegetables	208.7	230.5	225.7	(NA)
Asparagus	5.9	2.5	2.7	2.5
Beans, green and wax	47.6	58.2	48.8	46.5
Beans, lima	2.8	2.8	2.3	2.3
Beets [3]	11.3	10.9	10.9	9.0
Carrots [3]	5.4	4.4	5.9	4.7
Corn, sweet	47.0	50.6	60.5	51.6
Greens, leafy	3.5	2.6	1.6	(NA)
Peas, field	2.4	2.0	2.0	(NA)
Peas, green	28.7	30.1	24.8	20.8
Pimentos	.6	.5	.8	(NA)
Pumpkin and squash	4.0	3.7	4.4	(NA)
Spinach [3]	7.3	6.3	(NA)	(NA)
Tomatoes [9]	39.0	53.1	43.3	37.6
Other vegetable packs [10]	3.2	2.8	.4	(NA)
Nonseasonal vegetables:				
Sweet potatoes [3]	9.8	5.9	7.0	5.3
White potatoes [3]	6.6	5.9	5.7	(NA)
Chili sauce	1.5	2.0	1.8	1.7
Tomato puree	5.9	8.1	9.8	8.7
Seafood, salmon [11]	3.8	4.4	2.4	3.8

NA Not available. [1] Basis: 24 No. 2½ cans. [2] Excludes pineapple. [3] Pack beginning in year shown. [4] California only. [5] Florida only. [6] Represents U.S. pack and foreign operations. [7] Basis: 24 No. 2 cans. [8] Excludes combination vegetable-tomato juices. [9] Beginning 1982, excludes concentrated crushed tomatoes. [10] Okra; okra and tomatoes; and, for 1970 and 1980, succotash and carrots and peas. [11] Basis: 48-1 lb. cans. Includes Alaska.

Source: National Food Processors Association, Washington, DC, *Canned Food Pack Statistics*, annual.

No. 1189. Red Meats—Slaughtering, Production, and Trade: 1960 to 1984

[**Quantities represent carcass weight equivalent.** 1960-1970 exclude Alaska and Hawaii except for exports and imports. Covers inspected, noninspected, retail, and farm slaughter. Excludes edible byproducts. Excludes USDA exports, military civilian feeding, and voluntary relief feeding. See also *Historical Statistics, Colonial Times to 1970*, series K 583-594]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984
All red meats:												
Animals slaughtered, total	Mil. head	135.0	130.7	137.3	124.8	128.2	132.3	139.7	136.8	128.8	135.0	133.8
Under Federal inspection	Percent	78	82	89	91	93	94	94	94	95	95	96
Production, total [1]	Bil. lb	28.2	31.5	36.2	36.8	38.6	37.6	39.0	39.0	37.6	39.3	39.3
Federally inspected	Percent	78	82	89	90	93	94	94	94	95	95	96
Exports of U.S. production [2]	Mil. lb	223	250	305	449	646	673	642	714	680	682	699
Imports for consumption	Mil. lb	1,048	1,347	2,429	2,248	2,856	2,974	2,664	2,333	2,589	2,670	2,721
Beef:												
Animals slaughtered, total	Mil. head	26.0	33.2	35.4	41.5	40.0	34.0	34.1	35.3	36.2	37.0	37.9
Under Federal inspection	Percent	75	80	87	89	93	94	94	94	94	94	95
Production, total	Bil. lb	14.7	18.7	21.7	24.0	24.2	21.4	21.6	22.4	22.5	23.2	23.6
Federally inspected	Percent	78	82	88	90	93	94	94	94	95	95	95
Exports of U.S. production [2]	Mil. lb	55	91	101	110	214	215	220	252	305	312	376
Imports for consumption	Mil. lb	760	923	1,792	1,758	2,297	2,405	2,064	1,743	1,939	1,931	1,823
Veal:												
Animals slaughtered, total	Mil. head	8.6	7.8	4.2	5.4	4.3	2.9	2.7	2.9	3.1	3.2	3.4
Under Federal inspection	Percent	61	65	72	72	87	89	89	89	88	88	90
Production, total	Mil. lb	1,109	1,020	588	873	632	434	400	436	448	454	495
Federally inspected	Percent	56	56	57	57	71	73	74	74	76	78	82
Lamb and mutton:												
Animals slaughtered, total	Mil. head	16.2	13.3	10.8	8.1	5.5	5.2	5.7	6.2	6.6	6.8	6.9
Under Federal inspection	Percent	86	88	93	94	96	96	96	96	94	94	95
Production, total	Mil. lb	768	651	551	410	309	293	318	338	365	376	380
Federally inspected	Percent	87	88	93	94	94	94	94	94	95	95	95
Pork:												
Animals slaughtered, total	Mil. head	84.2	76.4	87.0	69.8	78.4	90.2	97.2	92.5	82.8	88.1	85.6
Under Federal inspection	Percent	79	83	90	93	96	96	96	96	96	96	96
Production, total [1]	Bil. lb	11.6	11.1	13.4	11.5	13.4	15.5	16.6	15.9	14.2	15.2	14.6
Federally inspected	Percent	79	84	90	93	95	95	95	95	96	96	96

[1] Excludes lard. [2] Includes shipments to territories.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Livestock and Meat Statistics*, annual.

No. 1190. Livestock Inventory and Production 1970 to 1985

[See also *Historical Statistics, Colonial Times to 1970,* Series K 564-569 and 575-582]

TYPE OF LIVESTOCK	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
ALL CATTLE												
Inventory:[1] Number on farms	Mil	112.4	132.0	122.8	116.4	110.9	111.2	114.4	115.4	115.0	113.7	109.8
Total value	Bil dol	20.2	21.0	25.2	27.0	44.7	55.8	54.1	47.9	46.7	45.0	44.1
Value per head	Dol	179	159	206	232	403	502	473	415	406	396	402
Production: Quantity [2]	Bil. lb	39.4	40.9	40.7	40.0	38.8	40.3	41.2	40.7	40.3	40.0	(NA)
Beef, price per 100 lb	Dol	27.10	32.20	34.40	48.50	66.10	62.40	58.60	56.70	55.50	57.30	(NA)
Calves, price per 100 lb	Dol	34.50	27.20	36.90	59.10	88.70	76.80	64.00	59.80	61.70	59.90	(NA)
Value of production	Bil. dol	10.9	12.8	14.0	19.6	26.2	25.5	23.7	22.6	22.0	22.1	(NA)
HOGS AND PIGS												
Inventory:[3] Number on farms	Mil	57.0	54.7	54.9	56.5	60.4	67.3	64.5	58.7	54.5	56.7	54.0
Total value	Bil. dol	2.2	2.5	2.6	3.6	5.0	3.8	4.8	4.1	4.9	3.3	4.1
Value per head	Dol	39.00	44.90	47.00	63.20	83.20	56.00	74.70	70.10	89.90	58.80	75.00
Production: Quantity [2]	Bil lb	21.8	16.8	19.0	19.5	22.6	23.4	21.8	19.7	21.2	20.2	(NA)
Price per 100 lb	Dol	22.70	46.10	39.40	46.60	41.80	38.00	43.90	52.30	46.80	47.10	(NA)
Value of production	Bil. dol	5.0	7.8	7.5	9.1	9.4	8.9	9.5	10.3	9.9	9.5	(NA)
SHEEP AND LAMBS												
Inventory:[1] Number on farms	Mil	20.4	14.5	12.7	12.4	12.4	12.7	12.9	13.0	12.1	11.5	10.4
Total value	Mil. dol	513	442	540	641	891	993	904	742	629	599	638
Value per head	Dol	25.10	30.50	42.50	51.60	72.10	78.20	69.90	57.10	51.80	52.10	61.10
Production: Quantity [2]	Mil. lb	1,099	785	706	687	705	746	772	785	768	692	(NA)
Sheep, price per 100 lb	Dol	7.52	11.30	13.50	21.80	25.70	21.30	21.20	19.50	15.70	16.40	(NA)
Lambs, price per 100 lb	Dol	26.40	42.10	51.30	62.80	66.70	63.60	54.90	53.10	53.90	60.10	(NA)
Value of production	Mil. dol	260	303	320	382	407	403	359	356	357	376	(NA)

NA Not available. [1] As of Jan. 1. [2] Liveweight production. Adjustment made for changes in inventory and for inshipments. [3] As of Dec. 1 of preceding year.

Source: U.S. Dept of Agriculture, Statistical Reporting Service, *Meat Animals—Production, Disposition, and Income,* annual; and annual livestock summaries. Also in *Agricultural Statistics,* annual.

No 1191. Livestock on Farms—Number, Production, and Value, by State: 1984 and 1985

STATE	ALL CATTLE			MILK COWS			SHEEP AND LAMBS			HOGS AND PIGS		
	Number on farms, [1] 1985 (1,000)	Quantity produced, [2] 1984 (mil. lb.)	Value of production, 1984, (mil. dol.)	Number on farms [1 3] 1985 (1,000)	Milk produced on farms, 1984 (mil. lb)	Value of milk produced [4], 1984 (mil. dol.)	Number on farms, [1] 1985 (1,000)	Quantity produced, [2] 1984 (mil. lb.)	Value of production, 1984 (mil. dol.)	Number on farms, [5] 1984 (1,000)	Quantity produced, [2] 1984 (mil. lb.)	Value of production, 1984 (mil. dol.)
U.S. [6]	**109,801**	**40,000**	**22,121**	**10,819**	**135,444**	**18,343**	**10,443**	**692.2**	**375.6**	**54,043**	**20,177**	**9,501**
AZ	1,050	603.9	363.9	83	1,222	169.1	266	11.6	4.3	170	59.8	29.5
AR	1,850	563.3	253.6	79	808	114.7	-	-	-	400	167.7	81.5
CA	4,960	1,866.1	1,004.8	974	15,278	1,995.0	1,065	78.5	44.7	140	54.6	27.1
CO	3,000	1,618.3	1,024.7	75	956	144.5	690	48.7	27.4	210	94.8	45.7
FL	2,190	573.7	307.1	164	1,898	307.5	-	-	-	160	57.7	25.2
GA	1,750	420.7	194.1	118	1,278	186.6	-	-	-	1,200	457.4	208.9
ID	1,780	740.7	405.3	162	2,193	281.0	313	34.7	20.8	112	46.7	20.7
IL	2,500	817.6	473.9	225	2,629	354.9	136	11.7	6.1	5,400	2,258.7	1,067.3
IN	1,670	454.9	245.2	197	2,311	312.0	110	7.8	3.5	4,300	1,561.9	735.6
IA	5,600	2,078.3	1,181.0	345	3,805	498.5	360	28.9	17.4	14,200	5,372.8	2,505.3
KS	5,860	2,771.5	1,732.2	108	1,225	171.7	245	16.4	9.7	1,600	641.9	296.4
KY	2,580	782.5	364.4	232	2,106	282.2	27	2.1	1.2	880	294.3	145.0
MI	1,450	454.1	220.0	390	5,350	723.7	110	9.4	4.8	1,310	444.6	207.8
MN	3,550	1,340.8	653.1	890	10,331	1,324.4	255	22.3	12.6	4,300	1,486.5	710.9
MO	4,850	1,432.8	776.3	225	2,754	363.5	123	9.1	4.8	3,450	1,297.7	625.2
MT	2,960	1,136.6	563.2	27	345	48.0	515	30.8	17.2	155	58.4	25.6
NE	6,100	3,196.0	1,999.9	102	1,215	164.0	165	11.5	6.5	3,700	1,287.5	606.8
NM	1,410	576.4	276.1	65	1,006	142.2	538	18.4	9.5	35	12.9	6.4
NY	2,000	372.2	164.5	942	11,405	1,545.8	59	3.8	1.8	139	41.5	19.2
NC	1,175	254.0	120.2	127	1,649	247.4	8	.4	.2	2,300	838.8	381.0
ND	2,050	836.3	449.8	97	1,036	127.4	215	14.3	7.6	255	76.9	34.3
OH	1,835	612.5	335.5	380	4,600	623.3	265	17.3	9.5	1,970	731.5	351.1
OK	5,300	2,118.1	1,083.9	107	1,130	157.8	85	4.9	2.4	220	85.5	38.5
OR	1,650	554.6	277.5	96	1,338	185.6	430	26.3	14.4	110	53.7	25.8
PA	1,960	528.4	272.1	735	9,423	1,327.0	88	5.7	3.3	800	262.8	130.1
SD	4,160	1,774.8	1,038.2	161	1,691	215.2	639	54.8	29.7	1,600	608.9	286.6
TN	2,535	780.1	356.1	210	2,152	295.8	9	.5	.3	1,100	344.9	166.2
TX	14,100	5,297.1	3,179.6	314	3,850	556.1	1,810	112.7	57.9	415	189.6	86.2
UT	800	261.2	153.6	80	1,039	136.7	515	38.3	20.2	28	8.0	3.6
VA	1,760	660.7	313.9	162	1,967	273.4	125	9.0	3.9	370	158.5	74.2
WA	1,470	552.3	339.6	211	3,464	466.3	53	4.7	2.2	45	18.6	9.0
WI	4,440	1,156.2	647.1	1,840	23,501	3,086.5	81	5.7	3.3	1,300	531.1	251.8
WY	1,365	462.4	262.0	12	132	17.3	860	27.9	15.1	25	7.0	3.4

- Represents zero. [1] As of January 1. [2] Liveweight production. Adjustment made for changes in inventory and for inshipments. [3] Represents cows and heifers that have calved, kept for milk. [4] Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. Includes value of milk fed to calves. [5] As of December 1. [6] Includes other States, not shown separately.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Meat Animals—Production, Disposition and Income,* annual.

NO. 1192. DAIRYING—COWS AND DAIRY PRODUCTS: 1970 TO 1984

[See also *Historical Statistics, Colonial Times to 1970,* series K 595-608]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984
Cows and heifers that have calved, kept for milk, Jan. 1 [1]	Mil. head	13.3	11.1	10.9	10.8	10.8	10.8	11.0	11.0	11.1
Milk produced on farms	Bil. lb	117	115	122	123	128	133	136	140	135
Whole milk sold from farms [2]	Bil. lb	113	112	119	121	126	130	133	137	132
Sales to plants and dealers	Bil. lb	110	110	117	119	125	129	132	136	131
Cash receipts from marketing of milk and cream [2]	Bil. dollars	6.5	9.9	12.7	14.7	16.6	18.1	18.2	18.8	17.9
Sales to plants and dealers	Bil. dollars	6.3	9.7	12.4	14.3	16.3	17.8	17.9	18.5	17.7
Manufactured dairy products:										
Butter (incl. whey butter)	Mil. lb	1,137	984	994	985	1,145	1,228	1,257	1,299	1,103
Cheese, total [3]	Mil. lb	2,201	2,811	3,520	3,717	3,984	4,278	4,542	4,819	4,674
American (excl. full-skim American)	Mil. lb	1,428	1,660	2,079	2,190	2,376	2,642	2,752	2,928	2,648
Swiss (including block)	Mil. lb	144	174	209	213	219	214	221	209	208
Muenster, Brick, and Limburger	Mil. lb	59	74	78	80	87	82	87	85	93
Cream and Neufchatel	Mil. lb	126	160	198	212	229	241	263	270	276
All Italian varieties	Mil. lb	394	672	876	929	983	994	1,088	1,200	1,319
Cottage cheese: Creamed [4]	Mil. lb	1,038	991	1,024	840	825	773	749	743	734
Curd, pot, and bakers'	Mil. lb	726	701	688	669	667	648	629	618	603
Condensed bulk milk	Mil. lb	1,237	1,041	987	975	952	972	975	984	1,159
Evaporated and condensed canned milk	Mil. lb	1,293	938	798	810	725	758	754	710	666
Dry whole milk	Mil. lb	69	63	75	85	83	93	102	111	120
Nonfat dry milk solids [5]	Mil. lb	1,456	1,009	927	915	1,168	1,322	1,410	1,510	1,167
Dry whey [6]	Mil. lb	621	596	711	733	690	779	791	892	898
Dry buttermilk	Mil. lb	60	43	48	45	44	44	39	46	40
Ice cream of all kinds	Mil. gal	762	837	815	811	830	832	852	882	884
Milk sherbet	Mil. gal	49	49	48	45	45	46	46	48	47
Ice milk	Mil. gal	287	299	310	297	293	291	281	295	300
Wholesale prices, American cheese:										
40-lb. blocks, Wis. assembly points	Cents per lb	55.0	86.6	107.1	123.8	133.0	139.4	138.3	138.3	138.0
Single daisies, Chicago	Cents per lb	64.9	104.4	130.1	141.4	156.2	167.2	168.4	168.2	170.4
Prices received by farmers, whole milk:										
Wholesale, per 100 lb	Dollars	5.71	8.75	10.60	12.02	13.05	13.77	13.61	13.58	13.46
Sold directly to consumers	Cents per qt	27.0	35.4	38.8	42.3	45.3	48.3	48.1	48.4	49.2

[1] For 1970, cows and heifers 2 years old and over. [2] Comprises sales to plants and dealers, and retail sales by farmers direct to consumers. [3] Includes varieties not shown separately. Beginning 1975, includes full-skim. [4] Includes partially creamed (low fat). [5] Includes dry skim milk for animal feed. [6] Includes animal but excludes modified whey production.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Production of Manufactured Dairy Products,* annual; and *Milk Production, Disposition, and Income,* annual.

NO. 1193. WHOLE MILK SOLD—QUANTITY AND CASH RECEIPTS, BY STATE: 1982 TO 1984

[Covers sales of milk to plants and dealers]

STATE	QUANTITY (mil. lb.)			CASH RECEIPTS (mil. dol.)			STATE	QUANTITY (mil. lb.)			CASH RECEIPTS (mil. dol.)		
	1982	1983	1984	1982	1983	1984		1982	1983	1984	1982	1983	1984
U.S	131,859	136,090	131,210	17,946	18,485	17,661	MO	2,864	3,055	2,680	381	406	354
							NE	1,310	1,385	1,170	174	184	158
AL	572	570	528	84	84	78	NH	348	366	350	50	53	50
AZ	1,190	1,225	1,210	165	170	167	NJ	468	478	450	65	67	62
AR	797	823	778	115	119	110	NY	10,790	11,330	11,070	1,478	1,552	1,494
CA	14,165	14,428	14,921	1,871	1,884	1,917	NC	1,636	1,656	1,592	240	245	239
CO	880	902	874	130	134	129	ND	985	1,055	990	123	132	122
CT	620	630	585	89	91	84	OH	4,480	4,695	4,495	614	639	607
FL	2,094	2,099	1,879	343	346	304	OK	1,120	1,140	1,080	161	160	149
GA	1,395	1,380	1,265	201	200	185	OR	1,205	1,250	1,235	166	173	167
ID	2,185	2,230	2,130	277	285	271	PA	8,755	9,015	8,995	1,226	1,262	1,250
IL	2,616	2,675	2,571	353	361	347	SC	540	546	515	83	85	80
IN	2,300	2,330	2,265	313	317	306	SD	1,740	1,805	1,669	226	233	212
IA	3,888	3,924	3,611	513	518	473	TN	2,230	2,160	1,955	303	294	268
KS	1,326	1,355	1,195	186	190	167	TX	3,690	3,896	3,750	539	565	536
KY	2,280	2,330	1,960	308	315	263	UT	1,110	1,116	975	143	144	126
LA	940	920	865	138	134	125	VT	2,335	2,445	2,255	329	347	316
ME	710	715	715	104	105	104	VA	2,035	2,050	1,940	283	285	270
MD	1,568	1,592	1,516	220	223	212	WA	3,070	3,320	3,295	408	442	432
MA	565	575	540	82	84	78	WV	337	348	352	46	47	47
MI	5,145	5,410	5,230	700	736	706	WI	22,680	23,230	22,890	2,998	3,073	3,005
MN	10,270	10,835	10,065	1,333	1,402	1,290	Other	1,745	1,931	1,989	257	276	284
MS	880	870	815	125	124	117							

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Milk: Production, Disposition, and Income,* annual.

NO. 1194. POULTRY—NUMBER ON FARMS, VALUE, EGGS PRODUCED, AND PRICES: 1965 TO 1984

[Beginning 1970, data for chickens, eggs, and broilers are for Dec. 1 of previous year to Nov. 30 of year stated, except as noted. See also *Historical Statistics, Colonial Times to 1970,* series K 609-623]

ITEM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Chickens: [1] Number [2]	Million	394	433	380	387	397	401	392	385	379	365	374
Value per head [2]	Dollars	1.17	1.21	1.74	1.69	1.75	1.81	1.88	1.99	1.85	1.96	2.02
Value, total [2]	Mil. dol	462	525	660	652	696	726	737	728	703	717	756
Number produced	Million	240	264	233	245	242	251	241	242	246	232	244
Price per lb	Cents	8.9	9.1	9.9	12.3	12.4	13.9	11.0	11.1	10.3	12.7	15.9
Production value	Mil. dol	101	107	105	145	142	171	129	135	121	145	182
Eggs: Number produced	Mil. doz	5,463	5,684	5,386	5,384	5,596	5,767	5,807	5,819	5,810	5,681	5,683
Price per dozen	Cents	33.7	39.1	52.4	55.6	52.2	58.3	56.3	63.1	59.5	61.1	72.3
Production value	Mil. dol	1,841	2,221	2,819	2,995	2,921	3,360	3,268	3,671	3,459	3,469	4,109
Broilers: [3] Number produced	Million	2,334	2,987	2,950	3,394	3,614	3,951	3,983	4,148	4,149	4,184	4,282
Price per lb	Cents	15.0	13.6	26.3	23.6	26.3	26.0	27.7	28.4	26.9	28.6	33.7
Production value	Mil. dol	1,217	1,475	2,915	3,059	3,676	4,032	4,303	4,699	4,502	4,873	6,015
Turkeys: [4] Number [2]	1,000	6,100	3,173	3,014	3,038	3,370	3,705	3,749	3,514	3,429	3,155	3,159
Value per head [2]	Dollars	4.40	5.82	10.81	11.39	12.53	13.58	14.11	15.35	14.60	17.59	16.54
Value, total [2]	Mil. dol	27	18	33	35	42	50	53	54	50	56	52
Turkeys, number raised	Million	106	116	124	136	139	156	165	171	165	171	171
Price per lb	Cents	22.2	22.6	34.8	35.5	43.6	41.1	41.3	38.2	39.5	38.0	48.9
Gross income	Mil. dol	424	498	793	910	1,157	1,214	1,272	1,248	1,255	1,269	1,655

[1] Excludes commercial broilers. [2] 1965, as of Jan. 1; beginning 1970, as of Dec. 1. [3] Young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 lbs. live weight and from which no pullets are kept for egg production. Not included in production of chickens. [4] Beginning 1970, data are for breeder hens only and cover the 26 major producing States. Beginning 1981, number of States covered reduced to 24.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Hatchery Production—Annual; Layers and Egg Production—Annual; Poultry—Production, Disposition, and Income;* and *Turkeys.*

NO. 1195. POULTRY—PRODUCTION, BY STATE: 1982 TO 1984

[**In millions.** See *Historical Statistics, Colonial Times to 1970,* series K 611, 614, 617, and 621 for U.S. totals]

STATE	CHICKENS PRODUCED			BROILERS PRODUCED			CHICKS HATCHED COMMERCIALLY [1]			TURKEYS RAISED		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
U.S.	246.2	231.7	243.5	4,149.0	4,183.7	4,282.4	4,890.0	4,853.9	5,052.5	165.5	170.7	171.3
Alabama	12.5	13.9	15.3	500.2	515.7	536.6	628.5	643.8	670.5	(Z)	(Z)	(Z)
Arkansas	21.5	23.7	18.7	668.5	673.1	725.0	780.9	791.9	828.0	13.0	12.9	14.4
California	21.7	18.0	21.2	167.4	171.6	175.5	222.9	217.0	225.8	20.0	20.2	19.7
Connecticut	3.3	3.6	2.7	(Z)	(Z)	(Z)	(D)	(D)	(D)	(Z)	(Z)	(Z)
Delaware	1.0	1.0	.7	177.8	181.9	189.6	(D)	(D)	(D)	.2	.3	.1
Florida	8.6	6.3	7.8	97.2	97.4	96.2	150.6	147.2	152.1	(Z)	(Z)	(Z)
Georgia	19.9	15.4	19.9	610.7	626.6	636.8	677.2	667.9	705.6	2.7	2.3	2.6
Illinois	3.7	2.8	2.7	(Z)	(Z)	(Z)	(D)	(D)	(D)	.3	.2	.3
Indiana	16.6	17.2	20.5	(D)	(D)	(D)	(D)	(D)	(D)	6.8	6.7	6.3
Iowa	7.4	8.3	7.7	3.3	2.6	2.1	(D)	(D)	(D)	6.7	6.7	5.8
Kentucky	1.7	1.4	2.0	2.9	3.1	3.0	(D)	(D)	(D)	(Z)	(Z)	(Z)
Louisiana	2.2	2.0	2.0	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	(Z)	(Z)
Maine	4.7	4.1	4.1	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	(Z)	(Z)
Maryland	4.4	4.1	4.1	267.2	260.5	271.2	(D)	(D)	(D)	.1	.1	.1
Massachusetts	.8	.8	.9	(Z)	(Z)	(Z)	(D)	(D)	(D)	.1	.2	.2
Michigan	4.5	4.4	4.8	1.2	1.1	1.1	(D)	(D)	(D)	1.8	1.9	2.1
Minnesota	8.9	8.8	8.7	23.7	24.4	25.6	43.3	(D)	(D)	26.0	27.0	28.5
Mississippi	5.4	6.6	7.2	298.6	316.3	312.2	(D)	(D)	(D)	(Z)	(Z)	(Z)
Missouri	5.6	5.4	6.4	(D)	(D)	(D)	(D)	(D)	(D)	12.0	13.0	12.0
New York	6.7	6.6	7.4	.6	.6	.7	(D)	(D)	(D)	.3	.3	.3
North Carolina	11.5	11.3	11.6	418.6	419.7	428.3	(D)	(D)	(D)	27.5	29.4	30.4
Ohio	10.3	10.2	13.8	13.5	11.0	9.0	(D)	(D)	(D)	2.7	2.4	2.8
Oklahoma	2.2	2.4	2.5	51.2	55.2	60.5	(D)	(D)	(D)	2.1	(D)	(D)
Oregon	2.0	1.7	1.7	15.0	13.0	13.4	(D)	(D)	(D)	1.1	.8	.9
Pennsylvania	16.8	14.9	6.9	114.9	102.6	89.4	172.5	153.2	128.0	5.3	6.8	6.1
South Carolina	5.1	3.8	5.4	48.0	52.2	57.2	54.2	56.2	61.7	2.6	2.2	2.2
Tennessee	2.7	2.5	2.9	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	(Z)	(Z)
Texas	11.2	9.7	9.8	222.5	212.6	200.5	275.1	(D)	(D)	5.2	(D)	(D)
Virginia	3.2	2.7	3.5	140.1	144.0	147.8	172.4	171.8	(D)	10.1	11.4	10.8
Washington	4.5	3.8	3.7	20.5	20.5	21.7	(D)	(D)	(D)	(Z)	(Z)	(Z)
West Virginia	.7	.7	.5	26.1	28.6	26.0	(D)	(D)	(D)	2.1	1.8	2.3
Wisconsin	2.4	2.4	2.7	11.7	11.3	11.5	(D)	(D)	(D)	6.7	7.1	6.1
Other [2]	12.5	11.2	13.7	247.6	238.1	241.5	1,712.4	2,004.9	2,280.8	10.1	17.0	17.3

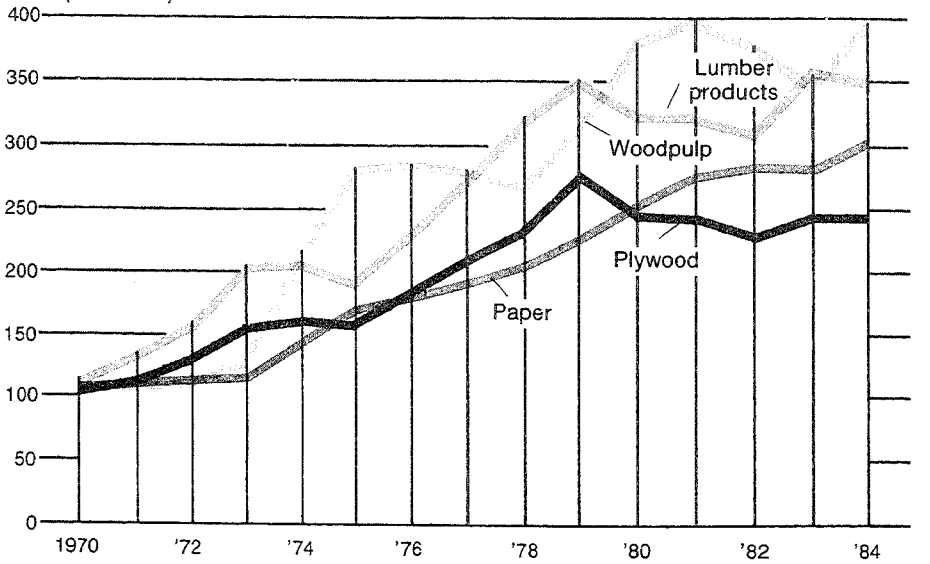
D Withheld to avoid disclosure. Z Less than 50,000. [1] By commercial hatcheries. [2] Derived by subtracting printed estimates from U. S. total.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Hatchery Production—Annual; Layers and Egg Production—Annual; Poultry—Production, Disposition, and Income;* and *Turkeys.*

Figure 25.1

Selected Timber Products—Producer Price Indexes: 1970 to 1984

Index (1967 = 100)

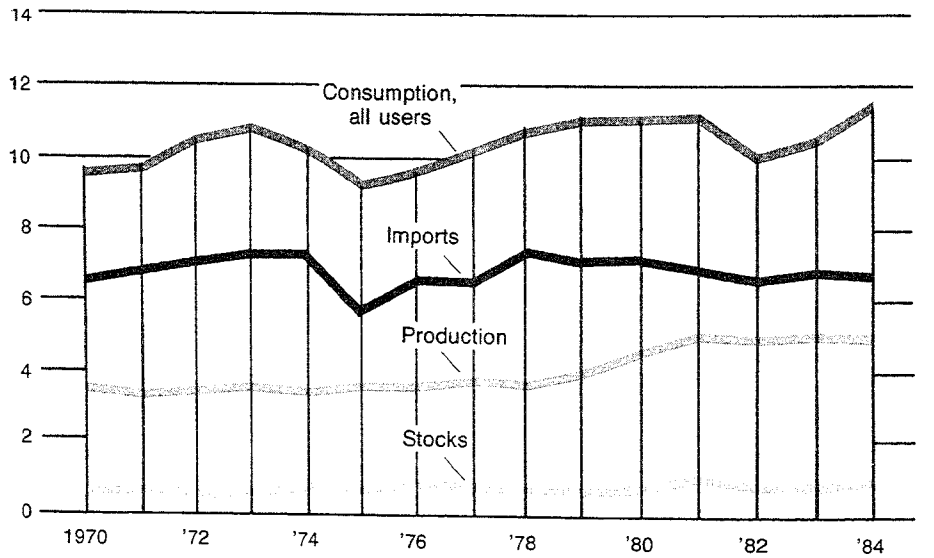


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1205.

Figure 25.2

Newsprint—Production, Stocks, Consumption, and Imports: 1970 to 1984

Millions of metric tons



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1211.

1986

Section 25

Forests and Forest Products

This section presents data on the area, ownership, and timber resource of commercial timberland; forestry statistics covering the National Forests and Forest Service cooperative programs; product data for lumber, pulpwood, woodpulp, paper and paperboard, and similar data.

The principal sources of these data are: *An Analysis of the Timber Situation in the United States, 1952–2030, Appendix 3; U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950–84; Land Areas of the National Forest System;* and *Wildfire Statistics,* issued annually by the Forest Service of the Department of Agriculture; *Agricultural Statistics* issued by the Department of Agriculture; and reports of the census of manufactures (taken every five years) and the annual *Current Industrial Reports,* issued by the Bureau of the Census. Additional information is published in the monthly *Survey of Current Business* of the Bureau of Economic Analysis; and the annual *Wood Pulp and Fiber Statistics* and *The Statistics of Paper, Paperboard, and Wood Pulp* of the American Paper Institute, New York, NY.

The Bureau of the Census also collects data on foreign trade of forest products. The Bureau of Labor Statistics publishes monthly and annual statistics of producer prices for lumber.

The completeness and reliability of statistics on forests and forest products vary considerably. The data for forest land area and stand volumes are much more reliable for areas which have been recently surveyed than for those for which only estimates are available. Estimates of fire damage or causes of fires for Federal lands are considered much better than those for private lands. In general, more data are available for lumber and other manufactured products such as veneer and plywood, etc., than for the primary forest products such as poles and piling and fuelwood.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 1196. National Forest Lands and Purchases: 1950 to 1984

[Area as of **June 30** except, beginning **1980,** as of **Sept. 30;** purchases for years ending **June 30,** except as noted. Includes Puerto Rico. Prior to Oct. 1976, lands to be purchased under the Weeks Law and related acts were approved by the National Forest Reservation Commission which also set prices on such lands. With the passage of the National Forest Management Act, all functions of the Commission were transferred to the Secretary of Agriculture. Actual purchases are made by U.S. Department of Agriculture. See also *Historical Statistics, Colonial Times to 1970,* series L 10–14]

ITEM	Unit	1950	1960	1965	1970	1975	1980	1981	1982	1983	1984
Gross area [1]	Mil. acres	229	227	226	226	226	226	230	230	230	230
National Forest System	Mil. acres	181	186	187	187	188	187	191	191	191	191
Approved for purchase	1,000 acres	61	8	29	92	12	42	111	2	7	8
Average price per acre	Dollars	9	15	47	125	275	664	454	675	332	544
Total price	Mil. dol	.5	.1	1.3	11.5	3.3	27.9	50.4	1.5	2.4	4.2
Purchases completed	1,000 acres	97	8	33	113	34	27	83	13	31	35
Average price per acre	Dollars	7	31	39	96	267	617	530	409	330	407
Total price	Mil. dol	.7	.2	1.3	10.9	9.1	17.1	44.0	5.2	10.0	14.0
Gross area of purchase units	Mil. acres	53	56	56	56	56	56	56	58	58	58
Purchase completed, net area [2]	Mil. acres	19	19	19	20	20	20	20	20	20	20
Average price per acre	Dollars	4	4	4	6	9	12	14	14	15	15
Total price	Mil. dol	71	75	79	125	179	250	278	284	294	298

[1] Comprises all publicly and privately owned land within authorized boundaries of national forests, purchase units, national grasslands, and land utilization projects (research and experimental areas, and other areas). [2] Cumulative total. Under the March 1, 1911 Act of Congress (Weeks Law), as amended, and related acts.

Source: U.S. National Forest Reservation Commission, *Final Report to October 1976;* and U.S. Forest Service, *Land Areas of the National Forest System,* annual; and unpublished data.

No. 1197. National Forest System—Summary: 1960 to 1984

[Through 1975, for years ending June 30, except as noted; thereafter, ending Sept. 30. Includes Alaska and Puerto Rico, except as noted. See *Historical Statistics, Colonial Times to 1970*, series J 33-34, for similar but not comparable grazing data, and L 15-31]

ITEM	Unit	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
Timber cut, total value	Mil. dol	157.1	161.9	308.6	368.4	973.0	736.6	728.9	348.7	655.9	762.2
Commercial and cost sales: [1]											
Volume	Mil. bd. ft	9,367	11,244	11,527	9,174	10,377	9,178	8,036	6,747	9,244	10,549
Value	Mil. dol	156.4	161.1	307.6	366.0	968.0	729.8	720.9	339.2	649.7	758.6
Free use:											
Volume	Mil. bd. ft	123	191	179	618	1,637	2,070	2,107	2,343	1,071	570
Value [2]	Mil. dol	.2	.3	.3	1.1	3.8	5.7	6.4	7.5	4.5	2.8
Misc. forest products	Mil. dol	.5	.5	.7	1.4	1.1	1.1	1.6	2.0	1.7	1.7
Livestock grazing: [3]											
Cattle and horses [4]	1,000	1,307	1,376	1,607	1,626	1,540	1,521	1,535	1,562	1,609	1,521
Sheep and goats	1,000	2,574	2,112	2,105	1,549	1,251	1,328	1,341	1,340	1,242	1,129
Roads and trails:											
Road construction [5]	Miles	851	1,613	942	136	820	925	1,217	1,867	2,016	(NA)
Trail construction [5]	Miles	142	671	278	298	[6] 1,390	[6] 2,419	[6] 727	(NA)	(NA)	(NA)
Receipts, total	Mil. dol	148.2	149.2	299.7	373.1	881.0	702.9	680.7	350.2	495.3	637.3
Timber use	Mil. dol	140.1	138.8	283.9	341.3	827.6	625.4	581.4	251.0	398.5	544.3
Grazing use	Mil. dol	4.5	3.5	4.4	7.7	12.5	15.8	14.9	12.4	10.2	9.6
Special land use, etc	Mil. dol	3.6	6.9	11.4	24.1	40.9	61.6	84.4	86.8	86.6	83.5
Payments to local gov't.[7]	Mil. dol	36.1	36.2	72.8	91.0	279.8	240.1	243.0	144.3	203.5	235.3
25-percent fund [8]	Mil. dol	35.4	35.5	71.9	89.8	277.0	233.6	230.5	132.6	192.7	224.9
Other [9]	Mil. dol	.7	.7	.9	1.2	2.8	6.5	12.5	11.7	10.8	10.4
Allotments to Forest											
Service, total [10]	Mil. dol	14.9	15.0	29.5	39.5	93.9	73.1	68.2	35.2	49.0	62.3
Roads and trails	Mil. dol	14.2	14.2	28.8	35.9	84.2	65.5	60.9	29.4	44.5	58.0
Other	Mil. dol	.7	.8	.8	3.6	9.7	7.6	7.3	5.8	4.5	4.3

NA Not available. [1] Includes land exchanges. [2] Includes some free use timber not reducible to board feet. [3] For 1960-1970, data for livestock permitted to graze; 1975 for authorized use; 1979-1984 for number actually grazed. Calendar-year data. Excludes Puerto Rico. [4] Excludes animals under 6 months of age. 1960-1970 includes swine. Includes burros beginning in 1979. [5] Includes reconstruction. Through 1965, excludes national grasslands. [6] Figures include work done by the Human Resources Programs. [7] Payments made in following year. [8] Includes Tongass Alaska suspense account. [9] Includes Arizona and New Mexico School Fund, State of Minnesota, and receipts paid to counties under Bankhead-Jones Farm Tenant Act. [10] For use in following year.

Source: U.S. Forest Service. In *Agricultural Statistics*, annual, and unpublished data.

No. 1198. Forest Land—Total and Commercial Area, Volume of Sawtimber, and Growing Stock: 1952 to 1977

[As of Jan. 1. For composition of regions, see table 1199]

YEAR AND REGION	Total forest land (mil. acres)	COMMERCIAL TIMBERLAND, OWNERSHIP [1]					NET VOLUME OF SAWTIMBER [2]			Growing stock, net (bil. cu. ft.)
		All ownerships (mil. acres)	Federally owned or managed [2] (mil. acres)	State, county, and municipal (mil. acres)	Private		Total (bil. bd. ft.)	Softwood (bil. bd. ft.)	Hardwood (bil. bd. ft.)	
					Total (mil. acres)	Percent of total				
United States, 1952	664	499	117	27	356	71.3	2,512	2,066	446	603
North	209	169	13	18	137	81.1	249	59	190	111
South	197	192	14	3	175	91.1	409	197	213	136
West	258	138	89	6	43	31.2	1,854	1,811	44	356
United States, 1962	759	509	117	27	366	71.9	2,516	2,033	484	648
North	178	171	12	18	140	81.9	282	70	212	137
South	220	200	14	3	183	91.5	465	246	219	156
West	360	139	90	6	42	30.2	1,769	1,717	52	354
United States, 1970	754	496	112	30	355	71.6	2,538	2,002	537	680
North	186	169	12	18	138	81.7	320	83	237	156
South	212	193	14	3	175	90.7	535	296	239	177
West	355	135	85	8	42	31.1	1,684	1,623	61	348
United States, 1977	737	482	105	30	347	72.0	2,579	1,985	594	711
North	178	166	12	19	136	81.9	359	97	263	173
South	207	188	14	3	170	90.4	615	341	274	202
West	352	128	79	8	41	32.0	1,605	1,548	57	336

[1] See footnote 1, table 1199. [2] Includes Indian land. [3] See footnote 3, table 1199.

Source: U.S. Forest Service, *An Analysis of the Timber Situation in the United States, 1952-2030*, Appendix 3.

No. 1199. Forest Land Area, Commercial Area Ownership, and Volume of Sawtimber and Growing Stock, by State: 1977 (Jan. 1)

State	Total forest land (1,000 acres)	Commercial timberland, ownership [1] (1,000 acres)				Sawtimber net volume [3]		Growing stock, net volume [4]	
		Total	Federally owned or managed [2]	State, county, municipal	Private	Total (mil. bd. ft.)	Softwood (mil bd. ft.)	Total (mil. cu. ft.)	Softwood (mil. cu. ft.)
U.S	**736,558**	**482,486**	**105,472**	**30,249**	**346,764**	**2,578,940**	**1,985,408**	**710,968**	**455,779**
North	**177,662**	**166,141**	**11,964**	**18,549**	**135,628**	**359,021**	**96,504**	**173,145**	**44,574**
New Eng.	**32,461**	**30,985**	**770**	**1,317**	**28,898**	**75,507**	**43,800**	**41,848**	**23,383**
CT	1,861	1,806	2	144	1,659	5,870	1,305	2,662	425
ME	17,718	16,864	73	468	16,323	36,118	25,232	22,604	16,060
MA	2,952	2,798	10	356	2,432	7,868	4,168	3,893	1,439
NH	5,014	4,692	472	108	4,112	14,564	8,607	7,286	3,526
RI	404	395	-	32	363	697	289	412	108
VT	4,512	4,430	213	209	4,008	10,391	4,199	4,990	1,826
Mid. Atl	**50,686**	**46,415**	**1,505**	**4,554**	**40,355**	**101,959**	**17,094**	**56,461**	**7,606**
DE	392	384	1	13	370	1,393	408	625	169
MD	2,653	2,523	25	218	2,280	8,167	1,726	3,492	793
NJ	1,928	1,857	28	291	1,538	3,127	575	1,534	251
NY	17,218	14,243	58	835	13,351	26,088	7,771	13,256	3,523
PA	16,826	15,924	503	2,968	12,453	34,251	3,714	23,403	1,778
WV	11,669	11,484	892	229	10,363	28,934	2,901	14,153	1,092
Lake	**51,644**	**47,579**	**6,750**	**11,886**	**28,944**	**97,766**	**30,984**	**44,517**	**11,901**
MI	19,270	18,778	2,472	3,947	12,359	42,441	13,205	19,214	5,061
MN	16,709	13,695	2,336	4,992	6,367	24,607	8,531	11,454	3,477
ND	422	405	114	10	281	474	-	257	(Z)
SD (east)	335	223	74	3	146	448	66	134	23
WI	14,908	14,478	1,753	2,934	9,792	29,797	9,183	13,457	3,340
Central	**42,872**	**41,163**	**2,940**	**792**	**37,431**	**83,788**	**4,625**	**30,319**	**1,684**
IL	3,810	3,692	269	11	3,413	7,094	30	2,180	24
IN	3,943	3,815	239	171	3,405	10,967	255	3,758	87
IA	1,561	1,460	57	56	1,348	3,419	14	1,038	6
KS	1,344	1,187	27	10	1,151	2,020	1	584	1
KY	12,161	11,902	819	77	11,007	28,941	2,091	11,968	916
MO	12,876	12,289	1,313	219	10,757	15,270	1,292	6,022	392
NE	1,029	789	67	12	710	1,737	510	442	119
OH	6,147	6,029	150	237	5,642	14,341	433	4,328	139
South	**206,875**	**188,046**	**14,485**	**3,245**	**170,315**	**614,709**	**341,023**	**202,009**	**97,136**
So. Atl	**48,710**	**47,677**	**3,897**	**883**	**42,897**	**171,401**	**74,317**	**59,988**	**23,333**
NC	20,043	19,562	1,365	398	17,799	76,794	35,375	26,131	10,742
SC	12,249	12,176	862	233	11,081	40,837	22,809	14,201	7,079
VA	16,417	15,939	1,670	252	14,017	53,771	16,134	19,657	5,512
E. Gulf	**42,296**	**40,142**	**3,040**	**620**	**36,482**	**112,478**	**74,078**	**40,134**	**24,405**
FL	17,040	15,330	1,623	492	13,215	31,950	21,129	11,733	7,525
GA	25,256	24,812	1,417	128	23,268	80,529	52,949	28,402	16,880
Ctr. Gulf	**51,237**	**50,657**	**2,935**	**1,016**	**46,707**	**162,351**	**87,903**	**51,977**	**23,555**
AL	21,361	21,333	800	209	20,324	69,396	46,509	22,240	12,339
MI	16,716	16,504	1,216	461	14,828	60,842	35,370	17,234	8,929
TN	13,161	12,820	919	346	11,555	32,313	6,024	12,504	2,287
W. Gulf	**64,632**	**49,569**	**4,614**	**726**	**44,229**	**168,478**	**104,724**	**49,910**	**25,843**
AR	18,282	18,207	2,718	256	15,233	48,969	26,462	17,145	7,060
LA	14,558	14,527	694	309	13,525	63,418	38,648	17,431	9,417
OK	8,513	4,323	463	105	3,755	6,067	3,576	2,062	1,010
TX	23,279	12,513	740	56	11,717	50,025	36,039	13,272	8,356
West	**352,021**	**128,299**	**79,023**	**8,455**	**40,821**	**1,605,211**	**1,547,882**	**335,814**	**314,069**
Pac. NW	**172,136**	**53,283**	**29,552**	**5,630**	**18,101**	**950,326**	**911,892**	**186,130**	**173,155**
AK	119,145	11,150	8,423	2,438	289	188,858	184,406	43,073	40,620
OR	29,810	24,211	14,201	926	9,084	431,172	414,186	79,554	74,735
WA	23,181	17,922	6,928	2,266	8,728	330,296	313,300	63,503	57,800
Pac. SW	**42,138**	**17,251**	**8,581**	**548**	**8,122**	**264,716**	**255,611**	**49,870**	**45,979**
CA	40,152	16,303	8,569	106	7,628	263,669	255,594	49,668	45,975
HI	1,986	948	12	442	494	1,047	17	202	4
No. Rocky Mt	**55,682**	**33,478**	**23,227**	**1,595**	**8,657**	**269,646**	**267,567**	**68,699**	**67,942**
ID	21,727	13,541	9,640	880	3,021	139,618	139,050	31,884	31,662
MT	22,559	14,359	9,260	534	4,565	97,334	96,238	27,977	27,691
SD (west)	1,367	1,244	958	70	215	5,615	5,597	1,643	1,627
WY	10,028	4,334	3,369	111	855	27,079	26,683	7,195	6,963
So. Rocky Mt	**82,065**	**24,287**	**17,663**	**682**	**5,941**	**120,524**	**112,812**	**31,116**	**26,993**
AZ	18,494	3,896	3,696	34	166	22,711	22,063	4,982	4,763
CO	22,271	11,315	7,962	234	3,118	54,941	50,684	15,036	12,624
NV	7,683	134	61	5	69	1,388	1,363	262	249
NM	18,060	5,538	3,439	171	1,927	25,919	24,346	6,395	5,796
UT	15,557	3,405	2,505	239	661	15,565	14,357	4,440	3,562

- Represents zero. Z Less than 500,000 cubic feet. [1] Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included. [2] Includes Indian lands. [3] Net volume of the saw log portion of live sawtimber trees in board feet, International ¼-inch log rule. [4] Net volume in cubic feet of live sawtimber and poletimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

Source: U.S. Forest Service, *An Analysis of the Timber Situation in the United States, 1952-2030*, Appendix 3.

No. 1200. National Forest Lands—States and Other Areas: 1984

[In thousands of acres. As of Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series L 10-11]

STATE	Gross area within unit boundaries [1]	National forest system lands	Other lands within unit boundaries	STATE	Gross area within unit boundaries [1]	National forest system lands	Other lands within unit boundaries
Total	**229,960**	**190,748**	**39,212**	NE	442	352	90
				NV	5,424	5,150	274
AL	1,274	646	628	NH	819	706	114
AK	24,018	22,939	1,080	NM	10,384	9,325	1,059
AZ	11,934	11,269	664	NY	13	13	-
AR	3,502	2,480	1,022	NC	3,165	1,216	1,949
CA	24,287	20,457	3,830	ND	1,106	1,106	(z)
CO	16,023	14,430	1,593	OH	833	178	655
CT	(z)	(z)	-	OK	461	295	166
FL	1,225	1,099	126	OR	17,434	15,598	1,836
GA	1,911	872	1,039	PA	743	511	232
HI	(z)	(z)	-				
ID	21,703	20,433	1,270	SC	1,382	611	771
				SD	2,348	1,997	350
IL	840	262	578	TN	1,212	626	587
IN	645	189	457	TX	1,994	783	1,212
KS	117	108	9	UT	9,129	8,045	1,084
KY	2,102	674	1,428	VT	630	295	334
LA	1,023	598	425	VA	3,226	1,634	1,592
ME	94	51	42	WA	10,041	9,056	984
MI	4,873	2,764	2,109	WV	1,861	975	887
MN	5,467	2,804	2,663	WI	2,023	1,504	519
MS	2,310	1,149	1,161	WY	9,717	9,254	463
MO	3,082	1,469	1,612				
MT	19,089	16,797	2,293	PR	56	28	28
				VI	(z)	(z)	-

- Represents zero. Z Less than 500 acres. [1] See footnote 1, table 1196.

Source: U.S. Forest Service, *Land Areas of the National Forest System*, annual.

No. 1201. Wildfires—Summary: 1965 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series L 44-55]

ITEM	1965	1970	1975	1978	1979	1980	1981	1982	1983
ACREAGE (1,000)									
Protected area: Federal [1 2]	655,001	647,239	677,949	680,185	680,223	680,261	685,552	682,962	682,216
Area burned [1]	146	719	408	202	1,237	751	946	332	1,017
State and private [3 4]	472,023	520,501	726,356	773,772	783,609	805,927	840,163	843,804	851,463
Area burned	1,206	1,541	1,119	1,553	1,317	2,348	3,235	1,100	944
Unprotected area: Federal	55	65,537	54,232	54,232	54,232	54,232	54,232	54,232	54,232
State and private	30,294	45,751	70,848	93,972	89,518	115,204	103,307	96,431	200,733
Area burned	1,300	1,019	(NA)	2,156	433	2,162	634	950	3,120
REPORTED FIRES (1,000)									
Total	113.7	121.7	134.9	218.8	163.2	234.9	249.4	174.8	161.6
Federal area [5]	9.1	15.0	12.3	14.1	13.9	14.6	15.4	10.7	10.4
State and private	104.6	106.8	122.6	204.8	149.3	220.3	234.0	164.1	151.2
Protected	91.5	101.5	91.0	130.8	104.4	141.0	173.8	91.0	84.7
Unprotected	13.1	5.3	31.6	74.0	44.9	79.2	60.2	73.1	66.5
Cause of fires on protected areas: [5]									
Total [4]	100.6	116.4	103.3	144.9	118.3	[6] 155.7	[6] 189.2	101.7	95.2
Incendiary (arson)	26.9	30.9	28.2	46.2	32.5	45.2	57.7	31.0	26.1
Debris burning	22.9	28.3	18.2	31.5	26.5	35.5	45.4	25.4	22.7
Smoking	16.5	14.5	10.5	13.2	10.2	12.6	19.7	7.1	6.7
Lightning	8.7	12.8	9.4	10.8	9.7	11.3	12.4	7.7	8.2
Caused by children	(NA)	7.7	10.8	11.6	11.2	11.8	12.9	6.5	7.0
Railroads	([7])	6.8	5.2	6.9	5.5	7.2	6.7	3.2	3.2
Equipment use	(NA)	3.4	4.6	7.1	7.2	9.2	9.2	6.1	5.9
Campfires	3.4	3.8	4.0	4.3	3.8	4.2	4.4	3.2	2.7
Miscellaneous	22.1	8.1	12.4	13.3	11.7	16.7	19.0	11.4	12.6
FIRE PROTECTION EXPENDITURES [3 8] (mil. dol.)									
Total funds	76.6	113.5	169.0	212.0	216.2	(NA)	(NA)	(NA)	(NA)
Federal	12.8	16.4	25.2	30.0	30.6	22.7	19.9	11.7	11.5
State and county	62.6	95.3	} 143.9	182.0	185.6	[9] 220.7	[9] 251.8	[9] 243.2	[9] 233.3
Private	1.2	1.8							

NA Not available. [1] Comprises land administered by U.S. Dept. of Agriculture, U.S. Dept. of Interior, and Tennessee Valley Authority, etc. [2] Includes nonforest watershed areas under U.S. Dept. of Interior protection. [3] Beginning 1975, includes Guam. [4] Includes nonforest watershed areas. [5] For protected areas only. [6] Includes 2,029 fires in 1980, 1,680 in 1981 in Puerto Rico not reported by cause. [7] Included in various other classifications. [8] For fire protection on State, county, and private lands only; years ending June 30, through 1975; thereafter, ending Sept. 30. [9] State funds only.

Source: U.S. Forest Service, *Wildfire Statistics*, annual; and unpublished data.

No. 1202. Timber-Based Industries—Employment and Average Hourly Earnings: 1970 to 1984

[Data for production or nonsupervisory workers. See also *Historical Statistics, Colonial Times to 1970*, series L 212-223]

ITEM	EMPLOYEES (1,000)						EARNINGS (dollars)					
	1970	1975	1980	1982	1983	1984	1970	1975	1980	1982	1983	1984
Lumber and wood products [1]	554	517	578	488	547	592	2.96	4.26	6.55	7.43	7.80	8.03
Logging camps and contractors	(NA)	59	71	57	65	70	(NA)	5.28	8.64	9.79	10.17	10.69
Sawmills and planing mills	196	180	190	155	171	180	2.84	4.34	6.70	7.73	8.20	8.42
Millwork, plywood, and structural members	(NA)	137	164	142	165	184	(NA)	4.26	6.41	7.33	7.64	7.80
Paper and allied products	543	480	523	494	495	512	3.44	5.01	7.84	9.32	9.93	10.41
Furniture and fixtures	362	337	376	341	356	391	2.77	3.78	5.49	6.31	6.62	6.85

NA Not available. [1] Excludes furniture.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 1203. Timber Products—Production, Foreign Trade, and Consumption, by Type of Product: 1960 to 1983

[In millions of cubic feet, roundwood equivalent. See also *Historical Statistics, Colonial Times to 1970*, series L 72-86]

ITEM	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983, prel.
Industrial roundwood:										
Domestic production [1]	8,920	11,105	10,570	12,185	12,575	12,955	12,090	10,915	10,825	12,395
Softwoods	6,930	8,635	8,380	9,655	9,850	10,135	9,280	8,485	8,410	9,660
Hardwoods	1,995	2,470	2,195	2,535	2,720	2,815	2,810	2,430	2,410	2,735
Imports	1,680	2,430	2,215	3,310	3,755	3,655	3,250	3,165	3,015	3,705
Exports	455	1,540	1,685	1,795	1,845	2,135	2,350	2,090	1,995	2,105
Consumption [2]	10,145	11,995	11,105	13,700	14,485	14,470	12,995	11,985	11,840	13,995
Softwoods	8,065	9,425	8,875	11,060	11,660	11,605	10,335	9,655	9,540	11,360
Hardwoods	2,080	2,565	2,230	2,640	2,825	2,865	2,660	2,335	2,300	2,635
Lumber:										
Domestic production	[3] 5,080	5,215	4,890	5,950	6,155	6,115	5,300	4,610	4,635	5,730
Imports	610	955	930	1,675	1,910	1,800	1,540	1,490	1,460	1,915
Exports	135	195	255	260	275	340	395	380	320	360
Consumption	5,560	5,970	5,565	7,365	7,790	7,580	6,450	5,720	5,780	7,285
Plywood and veneer:										
Domestic production	705	1,020	1,165	1,425	1,460	1,370	1,175	1,180	1,135	1,365
Imports	60	170	170	210	230	195	120	140	115	160
Exports	(z)	15	70	35	40	45	45	70	50	65
Consumption	765	1,170	1,265	1,600	1,650	1,520	1,245	1,250	1,200	1,465
Pulp products:										
Domestic production	2,575	3,835	3,485	3,645	3,745	4,110	4,390	4,125	3,980	4,180
Imports	985	1,280	1,105	1,395	1,595	1,635	1,565	1,515	1,415	1,600
Exports	275	720	715	725	720	805	1,070	995	900	965
Consumption	3,290	4,400	3,875	4,320	4,625	4,935	4,885	4,645	4,495	4,815
Logs:										
Imports	20	25	15	30	20	25	25	20	20	30
Exports	45	465	455	525	585	670	560	425	550	565
Pulpwood chips, exports	–	145	195	250	225	280	275	220	175	155
Other industrial prod. [4] consumption	510	425	385	385	400	410	390	350	345	400
Fuelwood consumption	1,300	540	570	1,030	1,570	2,270	3,115	3,650	3,685	4,120

– Represents zero. Z Less than 500,000 cubic feet. [1] Includes log exports. [2] Includes log imports. [3] Excludes Alaska and Hawaii. [4] Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, etc.

No. 1204. Timber Products—Per Capita Consumption: 1960 to 1983

[Based on total population estimated as of **July 1.** See also *Historical Statistics, Colonial Times to 1970*, series L 87-97]

PRODUCT	Unit	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983, prel.
All products	**Cu. ft**	**63.3**	**61.1**	**54.1**	**66.9**	**72.1**	**74.4**	**70.8**	**68.0**	**66.8**	**77.2**
Industrial roundwood	Cu. ft	56.1	58.5	51.4	62.2	65.1	64.3	57.1	52.1	51.0	59.7
Lumber	Cu. ft	30.8	29.1	25.8	33.4	35.0	33.7	28.3	24.9	24.9	31.1
Plywood and veneer	Cu. ft	4.2	5.7	5.9	7.3	7.4	6.8	5.5	5.4	5.2	6.2
Pulp products	Cu. ft	18.2	21.4	17.9	19.6	20.8	21.9	21.4	20.2	19.3	20.5
Other products	Cu. ft	2.8	2.1	1.8	1.7	1.8	1.8	1.7	1.5	1.5	1.7
Fuelwood	Cu. ft	7.2	2.6	2.6	4.7	7.1	10.1	13.7	15.9	15.9	17.6
Lumber	Bd. ft	199	193	171	220	229	222	188	164	161	200
Plywood and veneer	Bd. ft	25	34	32	39	40	37	30	29	28	34
Pulp products	Cords (128 cu. ft.)	.2	.3	.2	.2	.3	.3	.3	.3	.2	.3

Source of tables 1203 and 1204: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-84*, annual.

NO. 1205. SELECTED TIMBER PRODUCTS—PRODUCER PRICE INDEXES: 1970 TO 1984

[See also *Historical Statistics, Colonial Times to 1970*, series L 206-210]

INDEX AND PRODUCT	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
1967=100												
Softwood lumber [1]	113	211	201	248	297	346	380	345	343	322	370	354
Douglas fir	109	214	212	251	291	340	384	353	312	266	362	328
Southern pine	115	185	175	217	263	305	324	297	292	286	320	320
Hardwood lumber [1]	115	190	160	176	200	236	260	252	255	262	284	320
Plywood [2]	108	161	161	187	212	236	251	247	246	232	244	242
Softwood	114	187	201	248	296	326	323	309	307	282	310	304
Hardwood	103	130	120	123	128	140	169	177	180	181	180	180
Insulation board	111	134	144	161	178	203	199	208	242	251	263	270
Woodpulp	110	218	283	286	281	267	315	380	397	379	347	397
Paper	111	149	173	182	194	206	230	257	280	286	282	303
Paperboard	101	152	170	176	176	180	202	235	258	255	251	282
Containerboard	99	146	172	176	172	173	198	231	253	246	(NA)	(NA)
Hardboard and particleboard	93	115	114	124	141	170	166	191	213	220	229	236
Dec. 1980=100												
Hardwood lumber:												
Oak, red, #1, common	43	80	60	73	91	113	120	103	(NA)	115	143	167
Gum #2, common	50	86	63	69	84	111	117	108	(NA)	(NA)	105	122
Poplar #1, common	62	102	71	77	81	97	102	99	104	(NA)	(NA)	104
Softwood, ponderosa pine, #3 boards	23	49	42	54	68	77	93	84	88	73	75	81

NA Not available. [1] Includes lumber listed below and other softwoods or hardwoods. [2] Includes softwood plywood veneer.

Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes*, annual.

NO. 1206. SELECTED SPECIES—STUMPAGE AND LOG PRICES IN CURRENT AND CONSTANT (1967) DOLLARS: 1960 TO 1984

[**In dollars per 1,000 board feet.** Stumpage prices are based on sales of sawtimber from National Forests. See also *Historical Statistics, Colonial Times to 1970*, series L 199-205]

SPECIES	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
CURRENT DOLLARS											
Softwoods:											
Douglas-fir [1]	32.00	41.90	169.50	225.90	250.30	394.40	432.20	350.20	118.20	161.60	132.90
Southern pine [2]	34.50	44.10	57.00	100.30	134.50	155.20	155.40	172.00	127.20	140.60	139.40
Sugar pine [3]	29.00	38.50	99.20	169.60	159.60	365.00	666.60	225.20	71.90	137.70	84.30
Ponderosa pine [4]	19.10	32.10	71.20	131.40	164.70	239.00	206.10	195.20	66.90	104.00	122.70
Western hemlock [5]	10.50	20.50	68.80	89.30	113.60	200.80	212.70	163.40	44.50	62.20	61.80
Hardwoods: [6]											
All eastern hardwoods	22.80	26.90	33.90	37.90	41.10	46.80	52.40	50.90	56.40	60.10	90.10
Oak, white, red, and black	23.40	26.60	29.70	60.00	59.20	68.80	65.60	63.20	70.80	87.90	145.00
Maple	35.00	34.40	39.60	42.10	57.40	33.90	37.40	41.50	34.30	25.00	48.60
Douglas-fir log prices: [7]											
Saw logs [8]	58.40	89.30	168.70	242.80	284.60	382.20	379.80	331.40	308.80	277.30	288.60
Peeler logs [9]	100.10	138.60	274.40	322.20	446.40	571.30	584.40	563.90	460.90	427.50	414.00
CONSTANT (1967) DOLLARS [10]											
Softwoods:											
Douglas-fir [1]	33.70	38.00	96.90	116.30	119.60	167.40	160.80	119.40	39.50	53.30	42.80
Southern pine [2]	36.40	39.90	32.60	51.60	64.30	65.90	57.80	58.60	42.50	46.40	44.90
Sugar pine [3]	30.60	34.90	56.70	87.30	76.30	154.90	248.00	76.80	24.00	45.40	27.20
Ponderosa pine [4]	20.10	29.10	40.70	67.70	78.70	101.40	76.70	66.50	22.40	34.30	39.50
Western hemlock [5]	11.10	18.60	39.30	46.00	54.30	85.20	79.10	55.70	14.90	20.50	19.90
Hardwoods: [6]											
All eastern hardwoods	24.00	24.40	19.40	19.50	19.60	19.90	19.50	17.30	18.80	19.80	29.00
Oak, white, red, and black	24.70	24.10	17.00	30.90	28.30	29.20	24.40	21.50	23.70	29.00	46.70
Maple	36.90	31.20	22.60	21.70	27.40	14.40	13.90	14.10	11.50	8.20	15.70
Douglas-fir log prices: [7]											
Saw logs [8]	61.50	80.90	96.50	125.00	136.00	162.20	141.30	113.00	103.20	91.50	93.00
Peeler logs [9]	105.50	123.70	156.90	165.90	213.30	242.50	217.40	192.20	154.00	141.00	133.40

[1] Western Washington and western Oregon. [2] Southern region. [3] Pacific Southwest region (formerly California region). [4] Pacific Southwest region (formerly California region). Includes Jeffrey pine. [5] Pacific Northwest region. [6] Eastern and Southern regions. [7] (Scribner log scale.) Prices are for western Washington and northwest Oregon and represent average transactions which may take place at a variety of points in the distribution process, e.g., at a river dump, reloading or truck scaling station, or on delivery to a mill. [8] Includes mixed grades, ungraded, and, beginning 1974 grade 4 logs. [9] Includes special fir peeler or special mill grade. [10] Deflated by the producer price index, all commodities.

Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-84*, annual.

No. 1207. Lumber Production and Consumption, by Kind of Wood: 1960 to 1983

[In millions of board feet, except as indicated. 1960 excludes Alaska and Hawaii. Based on sample survey; see source for sampling variability. See also *Historical Statistics, Colonial Times to 1970*, series L 98-112 and L 122-137]

ITEM	1960	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Total production	**32,926**	**34,668**	**32,619**	**36,997**	**39,362**	**40,498**	**40,569**	**35,354**	**31,672**	**30,010**	**36,871**
Softwoods [1]	26,672	27,530	26,747	30,571	32,661	33,467	33,255	28,239	25,420	24,949	31,415
Cedar	(s)	633	821	934	967	929	837	722	757	470	721
Douglas fir	8,832	7,727	7,329	8,207	8,543	8,601	8,425	6,853	5,868	4,842	6,558
Hemlock	2,032	1,980	2,020	2,454	2,439	2,728	2,505	1,855	1,501	1,284	1,604
Ponderosa pine	3,169	3,429	3,544	4,032	4,167	4,175	3,966	3,269	2,894	2,350	2,899
Redwood	1,000	1,078	1,054	1,128	1,148	917	896	770	730	760	960
Southern yellow pine	5,660	7,063	6,967	7,893	8,879	9,231	9,283	8,217	8,415	8,754	10,406
White fir	2,224	2,063	2,012	2,104	2,184	2,099	2,140	1,643	1,253	974	1,276
White pine	675	898	947	1,060	1,080	1,154	(s)	(s)	502	272	293
Hardwoods [1]	6,254	7,138	5,872	6,427	6,701	7,031	7,314	7,115	6,252	5,061	5,456
Ash	125	159	124	137	144	160	(s)	(s)	130	122	139
Beech	195	188	136	140	137	146	193	183	95	88	89
Cottonwood	206	229	253	309	355	372	374	303	155	105	137
Elm	195	155	117	131	149	151	151	149	77	57	61
Maple	602	742	531	569	563	561	[2] 217	[2] 225	426	367	422
Oak	2,789	3,250	2,724	2,996	3,103	3,220	3,461	3,356	1,922	1,855	2,000
Sweet gum [3]	331	376	245	286	377	412	401	371	231	193	181
Tupelo and black gum	292	335	251	277	252	267	(s)	(s)	79	64	74
Yellow poplar	592	606	555	596	605	645	673	661	409	399	421
Domestic consumption [4]	**35,225**	**38,073**	**36,100**	**42,527**	**47,699**	**49,637**	**47,547**	**40,104**	**37,919**	**36,273**	**45,138**
Percent net imports [5]	8.7	12.7	12.0	14.9	19.0	21.1	19.7	18.5	18.9	20.2	22.2
Softwoods	28,974	31,585	30,309	36,086	40,809	42,640	40,608	33,832	32,064	31,173	39,742
Per capita (bd. ft.) [6]	164	155	141	166	186	192	181	149	140	134	170
Mill stocks, yearend	5,285	4,340	4,063	4,214	4,109	4,032	4,230	4,228	4,167	4,270	4,605
Exports	688	1,152	1,373	1,585	1,412	1,369	1,745	1,956	1,878	1,630	1,745
Imports	3,631	5,769	5,711	7,951	10,380	11,825	11,118	9,540	9,205	9,119	11,977
Hardwoods	6,252	6,488	5,791	6,441	6,890	6,997	6,939	6,272	5,855	5,098	5,397
Per capita (bd. ft.) [6]	35	32	27	30	31	32	31	28	26	22	23
Mill stocks, yearend	2,067	1,144	875	877	773	800	1,163	1,765	1,926	1,737	1,542
Exports	173	138	165	226	226	320	307	379	406	356	478
Imports	291	347	224	228	341	361	376	293	291	211	261

S Figure does not meet publication standards. [1] Includes types not shown separately. [2] Excludes hard maple. [3] Red and sap. [4] Source: Through 1970, Copeland Economics Group, Inc., Stamford, CT; thereafter, National Forest Products Association, Washington, DC. *The Economics Monthly Bulletin*, quarterly edition (copyright). [5] Imports minus exports. [6] Based on resident population estimated as of July 1.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports*, series MA-24T, annual.

No. 1208. Lumber Production, by Geographic Division: 1970 to 1983

[In billion board feet. Data based in part on a sample of sawmills and are subject to sampling variability; see source. For composition of divisions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series L 113-121, for data by regions]

REGION AND DIVISION	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
United States	**34.7**	**37.7**	**38.6**	**34.6**	**32.6**	[1] **37.0**	[1] **39.4**	[1] **40.5**	[1] **40.6**	[1] **35.4**	[1] **31.7**	**30.0**	**36.9**
North [2]	4.4	4.4	4.6	4.4	4.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3.8	4.3
Hardwood	3.4	3.3	3.5	3.3	3.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2.7	3.0
Softwood	1.0	1.1	1.1	1.1	1.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.1	1.3
South [2]	10.8	11.3	11.4	10.4	9.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10.8	12.5
Hardwood	3.6	3.3	3.4	3.4	2.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2.0	2.1
Softwood	7.2	8.0	8.0	7.0	7.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8.8	10.4
West [2]	19.4	22.0	22.6	19.7	18.8	21.1	21.8	21.7	21.1	17.2	(NA)	15.4	20.1
Hardwood	.1	.1	.2	.2	.3	.1	.2	.2	.2	.3	(NA)	.3	.4
Softwood	19.3	21.9	22.4	19.5	18.6	20.9	21.6	21.4	20.9	16.9	(NA)	15.1	19.7
New England	.7	.8	.8	.8	.6	.9	.9	1.0	1.0	1.1	.7	1.0	1.2
Middle Atlantic	.8	.8	.8	.9	.7	.8	.9	.9	.9	.9	.5	.8	.8
East North Central	1.2	1.2	1.3	1.2	1.1	1.2	1.3	1.4	1.4	1.3	1.0	1.1	1.2
West North Central	.6	.5	.6	.6	.5	.6	.6	.7	.6	.6	.2	.3	.4
South Atlantic	5.2	5.4	5.5	5.1	4.7	5.2	5.3	5.4	5.8	5.2	4.4	5.4	6.3
East South Central	3.4	3.6	3.6	3.4	3.0	3.3	3.6	3.7	3.6	3.2	2.8	3.2	3.8
West South Central	3.2	3.4	3.3	2.9	3.0	3.1	3.5	3.6	3.2	2.9	2.3	2.8	3.2
Mountain	4.2	4.5	4.6	3.9	3.9	4.6	4.7	4.7	4.5	3.8	3.3	3.3	4.4
Pacific	15.3	17.6	18.0	15.8	14.8	16.6	17.1	17.0	16.6	13.4	11.2	12.2	15.7

NA Not available. [1] Includes amounts not specified by division. [2] Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-84*, annual. Regions are as defined by the Forest Service, see table 1199.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports*, series MA-24T, annual.

No. 1209. Wood Products—Production: 1960 to 1984

ITEM	Unit	1960	1970	1975	1978	1979	1980	1981	1982	1983 [1]	1984, [1] prel.
Hardwood flooring	Mil. bd. ft.	915	333	155	385	360	292	315	275	365	400
Softwood plywood	Bil. sq. ft., 3/8" basis	7.8	14.1	15.7	19.5	18.2	15.5	15.6	14.1	18.0	18.4
Insulation boards	1,000 short tons	1,098	1,219	1,249	1,425	1,351	1,051	845	729	900	930
Hardboard	1,000 short tons	686	1,463	1,784	2,416	2,291	1,970	1,858	1,465	1,900	1,750
Particleboard	Mil. sq. ft., 3/4" basis	268	1,764	2,503	3,866	3,536	3,029	2,930	2,470	3,010	3,100

[1] Estimated by the International Trade Administration.

Source: U.S. Dept. of Commerce, International Trade Administration, *Forest Products Review*, monthly (discontinued April 1983); and unpublished data. Based on reports of U.S. Bureau of the Census and National Particleboard Association, Silver Spring, MD.

No. 1210. Paper and Paperboard—Production and Consumption: 1970 to 1984

[**In millions of short tons.** See also *Historical Statistics, Colonial Times to 1970*, series L 172, L 174, and L 178–191]

ITEM	PRODUCTION						CONSUMPTION [1]					
	1970	1975	1980	1982	1983	1984	1970	1975	1980	1982	1983	1984
Total paper and paperboard	**51.7**	**51.1**	**63.7**	**61.2**	**66.9**	**70.6**	**56.0**	**54.3**	**67.3**	**64.9**	**71.4**	**77.3**
Paper: Newsprint	3.5	3.7	4.7	5.0	5.2	5.5	9.8	9.0	11.8	11.3	11.8	13.1
Coated printing, converting	3.3	3.2	4.7	5.0	5.7	6.2	3.2	3.1	4.7	5.0	5.8	6.6
Uncoated free sheet	5.1	5.4	8.0	7.9	8.8	9.2	5.1	5.3	8.1	8.0	8.9	9.6
Other printing, writing, etc	2.6	2.5	2.9	2.8	2.9	3.0	2.7	2.6	3.2	3.2	3.6	4.1
Packaging and industrial converting	5.2	4.7	5.6	5.3	5.5	5.6	5.1	4.4	5.3	5.1	5.5	5.4
Tissue and other machine creped	3.7	4.0	4.4	4.4	4.8	4.9	3.7	3.9	4.3	4.4	4.8	4.9
Paperboard: Unbleached kraft	11.5	11.5	15.3	14.5	16.1	17.2	9.9	10.5	13.0	12.6	13.9	15.1
Bleached kraft	3.3	3.3	3.9	3.7	3.9	4.0	3.2	3.1	3.3	3.1	3.4	3.5
Semichemical	3.5	3.7	4.7	4.4	4.7	5.2	3.4	3.6	4.4	4.3	4.6	5.2
Recycled finish	7.0	6.2	7.1	6.5	7.4	7.6	7.0	6.2	7.0	6.5	7.4	7.5
Construction paper and board [2]	**3.0**	**3.0**	**2.6**	**1.7**	**1.9**	**2.1**	**3.0**	**3.0**	**3.0**	**2.0**	**2.3**	**2.5**

[1] Total consumption of paper and paperboard includes net imports of paper and paperboard converted products; not available by grade. [2] Source: U.S. Bureau of the Census, *Current Industrial Reports*, through 1980. Includes wet machine board, approximately 100,000–160,000 tons per year; 1982–1984 data estimated by A.P.I.

Source: Except as noted, American Paper Institute, Inc., New York, NY, *Statistics of Paper, Paperboard, and Woodpulp*, annual.

No. 1211. Newsprint—Production, Stocks, Consumption, Imports, and Price: 1960 to 1984

[**In thousands of metric tons, except price and imports (imports shown in short tons).** See also *Historical Statistics, Colonial Times to 1970*, series L 192–198]

COUNTRY AND ITEM	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Canada: Production	6,114	7,808	6,866	8,154	8,841	8,756	8,625	8,950	8,109	8,486	9,016
Shipments from mills	6,125	7,795	7,010	8,169	8,913	8,780	8,622	8,913	8,054	8,440	9,034
Stocks at mills, end of year	127	214	86	256	184	162	165	202	256	303	285
United States:											
Estimated consumption [1]	6,634	8,805	8,395	9,279	9,877	10,199	10,088	10,164	10,107	10,587	11,441
Production	1,849	3,142	3,348	3,512	3,418	3,685	4,239	4,752	4,574	4,687	5,025
Shipments from mills	1,842	3,136	3,347	3,507	3,429	3,689	4,234	4,735	4,526	4,674	5,065
Stocks, end of year: At mills	24	30	19	31	20	16	21	38	86	99	60
At and in transit to publishers	570	680	666	722	660	628	732	961	854	790	874
Imports [2]	5,412	6,635	5,847	6,559	7,484	7,223	7,279	6,977	6,531	6,919	7,894
Producer price index (1967=100)	96.1	107.6	184.0	215.5	226.3	250.2	[3] 279.3	[3] 308.0	315.8	303.0	324.0

[1] By all newspapers. Based on American Paper Institute data. [2] Source: Reports of U.S. Bureau of the Census. Includes Puerto Rico and beginning 1981, Virgin Islands. [3] Average for 11 months.

Source: Except as noted, U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly. Data from American Paper Institute, Inc., New York, NY, and Canadian Pulp & Paper Association.

No. 1212. Wastepaper Utilization and Recovery Rates: 1960 to 1984

[**In millions of short tons, except percent.** Recovery rate is ratio of total wastepaper recovered to new supply. Wastepaper utilization is the ratio of wastepaper consumption at paper and board mills to paper and board production. See *Historical Statistics, Colonial Times to 1970*, series L 175, for U.S. wastepaper consumption]

ITEM	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Paper and board, production [1]	33.9	51.7	51.1	60.2	62.2	64.5	63.7	64.4	61.2	66.9	70.6
Wastepaper consumption	[2] 9.0	11.8	11.7	14.1	14.8	15.4	14.9	15.0	14.4	15.6	16.9
Wastepaper utilization rate (percent)	26.5	22.8	23.0	23.3	23.7	23.8	23.4	23.3	23.6	23.3	23.9
Other wastepaper uses [3]	.20	.42	.54	.87	.50	.51	.47	.49	.49	.48	.48
Wastepaper exports	.15	.41	.86	1.51	1.60	2.23	2.66	2.21	2.13	2.57	3.24
Total wastepaper recovered	9.3	12.6	13.1	16.3	16.8	18.0	18.0	17.7	17.0	18.6	20.6
Paper and board, new supply [4]	38.5	56.0	54.3	64.4	68.0	70.0	67.3	68.1	64.9	71.4	77.3
Recovery rate (percent)	24.2	22.4	24.1	25.4	24.7	25.8	26.7	25.9	26.1	26.1	26.6

[1] Excludes hard pressed board; includes construction paper and board, and wet machine board. [2] Source: U.S. Bureau of the Census, Report FT 446. [3] Estimated. [4] Excludes production of hard pressed board.

Source: Except as noted, American Paper Institute, Inc., New York, NY, *Statistics of Paper, Paperboard, and Woodpulp*, annual, and unpublished data.

No. 1213. Selected Wood Products—Production and Consumptions: 1970 to 1984

[See also *Historical Statistics of the United States, Colonial Times to 1970*, series L151–170]

Item	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
PULPWOOD											
Production, total	Mil. standard cords [1]	**70.5**	**69.0**	**79.8**	**80.1**	**86.2**	**88.6**	**85.3**	**81.7**	[2] **87.9**	(NA)
Softwood	Mil. standard cords [1]	53.4	52.4	60.2	58.9	63.3	65.2	62.1	59.3	[2] 62.2	(NA)
Hardwood	Mil. standard cords [1]	17.1	16.6	19.6	21.2	22.9	23.4	23.2	22.4	[2] 25.7	(NA)
Consumption, total [3]	Mil. standard cords [1]	**67.6**	**65.4**	**73.9**	**74.2**	**77.6**	**79.7**	**79.4**	**77.6**	[2] **82.4**	(NA)
Softwood	Mil. standard cords [1]	51.3	48.9	55.7	54.9	57.9	58.8	58.5	56.5	[2] 59.1	(NA)
Hardwood	Mil. standard cords [1]	16.3	16.5	18.3	19.2	19.7	20.9	20.9	21.1	[2] 23.3	(NA)
WOODPULP [4]											
Production, total [5]	Mil. short tons	**43.5**	**43.1**	**49.1**	**50.0**	**51.2**	**53.0**	**53.4**	**51.2**	**55.0**	**58.1**
Sulphate	Mil. short tons	29.5	29.2	34.2	35.5	36.3	38.0	38.7	37.9	40.7	43.1
Groundwood	Mil. short tons	4.4	4.4	4.9	4.7	4.6	5.3	5.7	5.1	5.1	5.5
Consumption in paper and board [6]	Mil. short tons	43.2	42.4	48.5	49.8	51.6	52.4	53.0	49.7	53.9	57.2
PLYWOOD											
Production, total	Mil. sq. ft [7]	**15,945**	**16,758**	**20,065**	**20,676**	**19,354**	**16,521**	**16,499**	**16,055**	**19,308**	(NA)
Softwood	Mil. sq. ft.[7]	14,149	15,706	18,877	19,492	18,204	15,483	15,524	15,134	18,306	(NA)
Hardwood	Mil. sq. ft.[7]	1,796	1,052	1,187	1,185	1,150	1,038	976	921	1,002	(NA)
Consumption	Mil. sq. ft.[7]	17,822	17,823	21,981	22,903	21,021	17,344	17,277	16,693	20,389	(NA)

NA Not available. [1] 128 cubic feet. [2] Preliminary. [3] Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-26A, monthly and annual. [4] Source: Through 1980, U.S. Bureau of the Census, *Current Industrial Reports;* thereafter American Paper Institute, Inc., New York, NY, *Statistics of Paper, Paperboard and Woodpulp*, annual, and *Monthly Statistical Summaries*. [5] Includes other woodpulp not shown separately. [6] Includes defibrated and exploded woodpulp, plus screenings (estimated at 2.6 million short tons in 1984). [7] ⅜" basis.

Source: Except as noted, U.S. Forest Service, *U.S. Timber Production, Trade, Consumption and Price Statistics, 1950 to 1984*, annual.

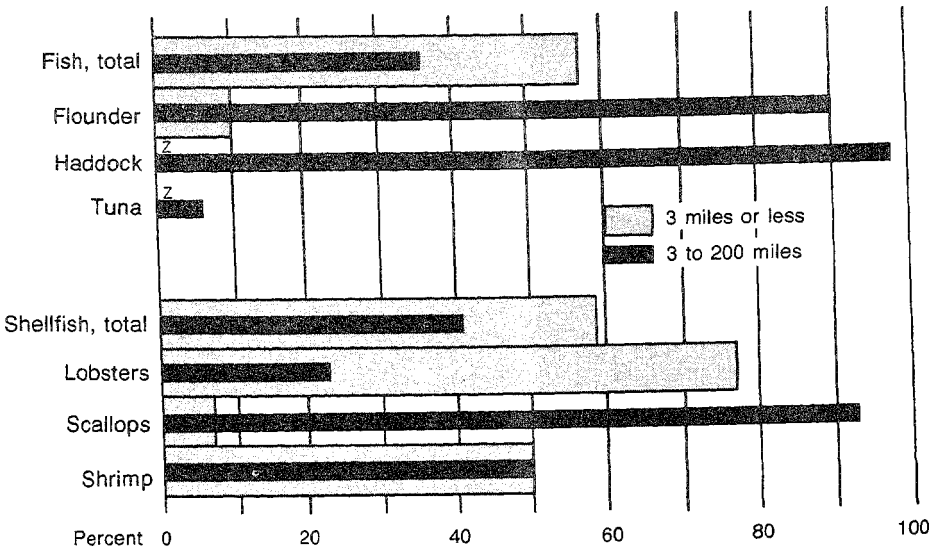
No. 1214. Selected Timber Products—Import and Export Summary: 1965 to 1984

Item	Unit	1965	1970	1975	1979	1980	1981	1982	1983	1984
IMPORTS										
Lumber, total [1]	Mil. bd. ft	5,234	6,114	5,976	11,530	9,866	9,523	9,360	12,254	13,632
From Canada	Percent	95.9	96.0	96.0	97.0	97.5	97.5	98.2	98.3	97.9
Softwoods	Mil. bd. ft	4,900	5,778	5,724	11,153	9,573	9,232	9,150	11,993	13,304
Value	Mil dol	315	434	717	2,551	1,826	1,763	1,624	2,569	2,681
Hardwoods	Mil. bd. ft	334	337	252	376	293	291	211	260	328
Value	Mil. dol	59	62	70	187	152	154	104	134	173
Logs, total	Mil. bd. ft.[2]	68	144	85	133	128	101	117	165	147
From Canada	Percent	29.8	79.6	93.9	83.6	97.4	98.3	98.6	97.9	97.4
Softwoods	Mil. bd. ft.[2]	14	107	69	118	114	88	99	142	117
Value	Mil. dol	1	9	12	26	17	17	23	24	15
Hardwoods	Mil. bd. ft.[2]	55	38	17	15	13	14	18	23	30
Value	Mil. dol	6	5	3	3	3	3	3	3	5
Paper and board [3]	1,000 tons	6,585	7,115	6,253	9,123	8,780	8,339	8,024	8,986	11,075
Value	Mil. dol	853	1,039	1,606	3,208	3,418	3,672	3,682	4,019	5,324
Woodpulp	1,000 tons	3,137	3,518	3,078	4,318	4,041	4,087	3,656	4,093	4,490
Value	Mil. dol	399	483	1,007	1,465	1,684	1,764	1,493	1,472	1,845
Plywood	Mil. sq. ft	2,138	4,171	3,913	4,243	2,477	3,047	2,270	3,393	3,056
Value	Mil. dol	125	208	260	591	409	465	331	451	438
EXPORTS										
Lumber, total [1]	Mil. bd. ft	919	1,243	1,618	2,142	2,494	2,406	2,021	2,270	2,150
To: Canada	Percent	31.0	21.7	34.0	30.4	25.3	30.3	20.7	29.3	25.8
Japan	Percent	11.5	30.8	31.9	30.2	26.0	21.8	31.1	27.8	28.0
Europe	Percent	26.8	24.1	15.1	21.3	23.8	16.6	20.3	20.2	16.0
Softwoods	Mil bd. ft	783	1,115	1,405	1,781	2,007	1,928	1,635	1,756	1,624
Value	Mil. dol	95	163	346	791	789	664	582	609	541
Hardwoods	Mil bd. ft	136	128	213	361	487	479	386	514	527
Value	Mil. dol	25	31	68	225	272	269	229	305	300
Logs, total	Mil. bd. ft.[2]	1,195	2,741	2,667	3,897	3,261	2,489	3,208	3,307	3,495
To: Canada	Percent	29.7	10.6	10.4	10.5	9.7	9.9	9.4	10.5	12.1
Japan	Percent	67.3	86.3	84.6	80.8	78.0	71.3	61.7	55.4	50.4
Softwoods	Mil. bd. ft.[2]	1,114	2,672	2,601	3,768	3,109	2,377	3,115	3,196	3,369
Value	Mil. dol	83	320	681	1,614	1,452	1,003	1,174	1,068	1,079
Hardwoods	Mil. bd. ft.[2]	81	69	66	129	152	112	93	112	126
Value	Mil. dol	35	36	43	138	129	92	84	98	101
Paper and board [3]	1,000 tons	1,770	2,817	3,116	3,672	5,214	4,641	4,246	4,568	4,367
Value	Mil. dol	388	602	1,315	1,914	2,773	2,891	2,589	2,481	2,551
Woodpulp	1,000 tons	1,402	3,095	2,782	2,935	3,806	3,678	3,395	3,644	3,594
Value	Mil. dol	190	464	875	1,104	1,652	1,661	1,415	1,362	1,502
Plywood	Mil. sq. ft	38	183	871	435	420	741	483	615	407
Value	Mil. dol	6	16	141	107	108	178	117	143	94

[1] Includes railroad ties. [2] Log scale. [3] Includes paper and board products. Excludes hardboard.

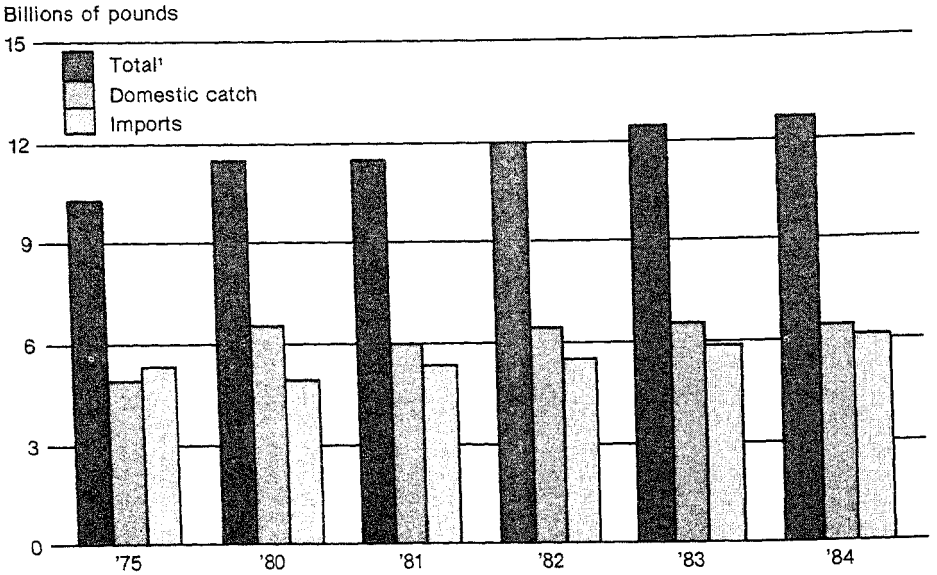
Source; U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950 to 84.*

Figure 26.1
U.S. Catch of Fish and Shellfish, by Distance Caught Off U.S. Shores: 1984



Z = Less than .5 percent.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1225.

Figure 26.2
Fishery Products—Supply: 1975 to 1984



¹Supply of edible, industrial and commercial products.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1218.

1986

Section 26

Fisheries

This section presents statistics on commercial fishing and the fish processing industry. The principal sources of these data are *Fishery Statistics of the United States,* and *Fisheries of the United States,* both issued annually by the National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA).

The NMFS collects and disseminates data on commercial landings of fish and shellfish, freezings and holdings of fishery products, fish meal and oil production, and foreign trade in fishery products. Quarterly data are published on U.S. output of fish sticks, fish portions, and breaded shrimp. Annual reports include quantity and value of commercial landings of fish and shellfish (by species, region, State, and type of fishing gear), disposition of landings, number of fishermen, and number and kinds of fishing vessels and fishing gear. Reports for the fish-processing industry include annual output of canned, packaged, and industrial products and, for the wholesaling and fish processing establishments, annual and seasonal employment, and number of firms, by product and State.

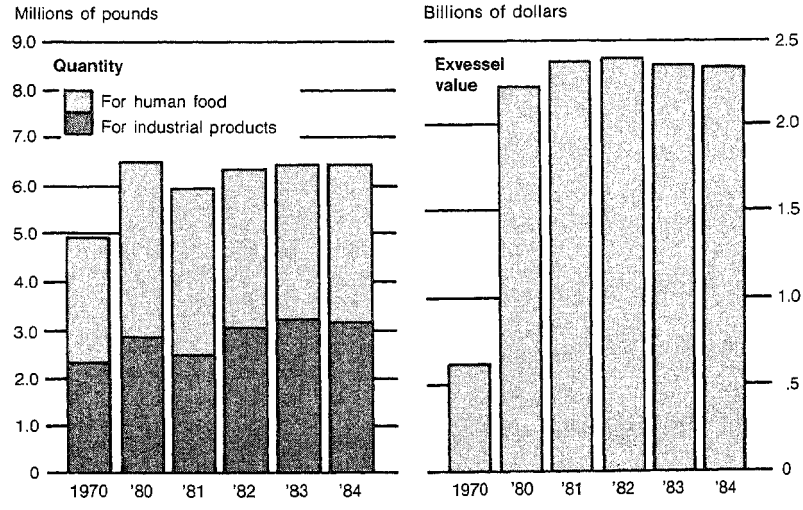
The Magnuson Fishery Conservation and Management Act of 1976 established a Fisheries Conservation Zone (FCZ) which gives the Federal Government exclusive authority over domestic and foreign fisheries within 200 nautical miles of U.S. shores and over certain living marine resources beyond the FCZ. Within the FCZ, the total allowable level of foreign fishing, if any, is that portion of the "optimum yield" not harvested by U.S. vessels. Adjustments in the "optimum yield" level may occur periodically. For details, see *Fisheries of the United States, 1983.* The NMFS collects and disseminates data on catches by foreign fishing vessels in the FCZ.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986.* For cross-references, see Appendix VI.

Figure 26.3

Fisheries—Quantity and Value of Domestic Catch: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1215 and 1218.

No. 1215. Fisheries—Quantity and Value of Domestic Catch: 1940 to 1984

[Prior to 1950, excludes Hawaii. See also *Historical Statistics, Colonial Times to 1970,* series L 224-226, L 229, and L 310]

Year	Quantity (mil. lb.) [1]			Ex-vessel value (mil. dol.)	Average price per lb. (cents)	Year	Quantity (mil. lb.) [1]			Ex-vessel value (mil. dol.)	Average price per lb. (cents)
	Total	For human food	For industrial products [2]				Total	For human food	For industrial products [2]		
1940	4,060	2,675	1,385	99	2.4	1975	4,877	2,465	2,412	977	20.0
1945	4,598	3,167	1,431	270	5.9	1976	5,388	2,775	2,613	1,349	25.0
1950	4,901	3,307	1,594	347	7.1	1977	5,271	2,952	2,319	1,554	29.5
1955	4,809	2,579	2,230	339	7.1	1978, prel	6,028	3,177	2,851	1,854	30.7
1960	4,942	2,498	2,444	354	7.2	1979, prel	6,267	3,318	2,949	2,234	35.6
1965	4,777	2,587	2,190	446	9.3	1980, prel	6,482	3,654	2,828	2,237	34.5
1970	4,917	2,537	2,380	613	12.5	1981, prel	5,977	3,547	2,430	2,388	40.0
1971	5,018	2,441	2,577	651	13.0	1982, prel	6,367	3,285	3,082	2,390	37.5
1972	4,806	2,435	2,371	748	15.6	1983, prel	6,439	3,238	3,201	2,355	36.6
1973	4,858	2,398	2,460	937	19.3	1984, prel	6,438	3,320	3,118	2,350	36.5
1974	4,967	2,496	2,471	932	18.7						

[1] Live weight. [2] Meal, oil, fish solubles, homogenized condensed fish, shell products, bait, and animal food.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1216. Fisheries—Employment, Fishing Craft, and Establishments: 1970 to 1983

[**In thousands.** As of **Dec. 31.** Data for employment and establishments exclude Alaska. See also *Historical Statistics, Colonial Times to 1970,* series L 254-261]

Item	1970	1973	1974	1975	1976	1977	1978, prel.	1979, prel.	1980, prel.	1981, prel.	1982, prel.	1983, prel.
Persons employed in U.S	**227**	**243**	**253**	**260**	**267**	**280**	**257**	**267**	**296**	**303**	**314**	**333**
Fishermen	140	149	161	168	174	182	172	184	193	198	216	223
Shore workers [1]	87	94	92	92	93	98	85	83	103	105	98	110
Craft used	**88**	**90**	**101**	**103**	**103**	**107**	**104**	**103**	**113**	**115**	**123**	**127**
Vessels, 5 net tons and over	14	15	16	16	17	17	18	18	19	20	20	21
Motorboats	72	72	83	85	84	88	84	84	93	93	102	105
Other boats	2	2	2	2	2	2	2	1	1	2	1	1
Fishery shore establishments	**3.7**	**3.6**	**3.5**	**3.6**	**3.6**	**3.6**	**3.3**	**3.4**	**3.6**	**3.6**	**3.6**	**3.9**

[1] Seasonal average.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1217. Fisheries—Catch and Ex-Vessel Value by Area: 1981 to 1984

[See *Historical Statistics, Colonial Times to 1970,* series L 236-253, for data on quantity and ex-vessel value of catch]

Area	1981 [1]		1982 [1]		1983 [1]		1984 [1]	
	Total catch (mil. lb.)	Value (mil. dol.)	Total catch (mil. lb.)	Value (mil. dol.)	Total catch (mil. lb.)	Value (mil. dol.)	Total catch (mil. lb.)	Value (mil. dol.)
United States	**5,977**	**2,388**	**6,367**	**2,390**	**6,439**	**2,355**	**6,438**	**2,350**
New England States	697	356	687	374	711	435	694	434
Middle Atlantic States	228	95	129	93	128	94	153	109
Chesapeake Bay States	603	126	791	120	841	130	663	138
South Atlantic States	543	138	427	164	397	173	402	150
Gulf States	1,700	554	2,300	614	2,443	615	2,644	656
Pacific Coast States	2,070	1,064	1,872	964	1,739	846	1,701	795
Great Lakes States	39	12	36	13	47	14	61	14
Hawaii	13	18	14	14	29	18	35	29
Other [2]	85	25	109	34	103	30	85	25

[1] Preliminary. [2] Mississippi River and other areas.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1218. Fishery Products—Supply: 1970 to 1984

[Live weight, in millions of pounds, except percent. 1978–1984 preliminary. See *Historical Statistics, Colonial Times to 1970,* series L 224–226, for domestic catch]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	**11,474**	**9,875**	**10,164**	**11,593**	**10,652**	**11,509**	**11,831**	**11,357**	**11,353**	**12,011**	**12,352**	**12,552**
For human food	6,213	6,638	6,394	7,404	7,466	8,135	8,251	8,006	8,267	7,988	8,413	8,498
Finfish	(NA)	4,971	4,848	5,657	5,641	6,263	6,324	6,139	6,316	6,090	6,358	6,303
Shellfish [1]	(NA)	1,667	1,546	1,747	1,825	1,872	1,927	1,867	1,951	1,878	2,055	2,195
For industrial use	5,261	3,237	3,770	4,189	3,186	3,374	3,580	3,351	3,086	4,043	3,939	4,054
Domestic catch	**4,917**	**4,967**	**4,877**	**5,388**	**5,271**	**6,028**	**6,267**	**6,482**	**5,977**	**6,367**	**6,439**	**6,438**
Percent of total	42.8	50.2	47.9	46.5	49.5	52.4	53.0	57.1	52.7	53.0	52.1	51.3
For human food	2,537	2,496	2,465	2,775	2,952	3,177	3,318	3,654	3,547	3,285	3,238	3,320
Finfish	(NA)	1,522	1,548	1,776	1,833	2,018	2,204	2,516	2,414	2,324	2,351	2,348
Shellfish [1]	(NA)	974	917	999	1,119	1,159	1,114	1,138	1,133	961	887	972
For industrial use	2,380	2,471	2,412	2,613	2,319	2,851	2,949	2,828	2,430	3,082	3,201	3,118
Imports [2]	**6,557**	**4,908**	**5,287**	**6,205**	**5,381**	**5,481**	**5,564**	**4,875**	**5,376**	**5,644**	**5,913**	**6,114**
Percent of total	57.2	49.8	52.1	53.5	50.5	47.6	47.0	42.9	47.3	47.0	47.9	48.7
For human food	3,676	4,142	3,929	4,629	4,514	4,958	4,933	4,352	4,720	4,683	5,175	5,178
Finfish	(NA)	3,449	3,300	3,881	3,808	4,245	4,120	3,623	3,902	3,766	4,007	3,955
Shellfish [1]	(NA)	693	629	748	706	713	813	729	818	917	1,168	1,223
For industrial use [3]	2,881	766	1,358	1,576	867	523	631	523	656	961	738	936

NA Not available. [1] For univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.), the weight of meats, excluding the shell, is reported. [2] Excludes imports of edible fishery products consumed in Puerto Rico; includes landings of tuna caught by foreign vessels in American Samoa. [3] Fish meal and sea herring.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1219. Fisheries—Disposition of Domestic Catch: 1970 to 1984

[Live weight catch in millions of pounds. 1977–1984 preliminary. In addition to whole fish, a large portion of waste (400–500 million lb.) derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in each year shown. See *Historical Statistics, Colonial Times to 1970,* series L 305–310, for similar but not entirely comparable data]

DISPOSITION	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	**4,917**	**4,967**	**4,877**	**5,388**	**5,198**	**6,028**	**6,267**	**6,482**	**5,977**	**6,367**	**6,439**	**6,438**
Fresh and frozen	1,595	1,660	1,744	1,921	2,025	2,237	2,394	2,621	2,547	2,550	2,304	2,336
Canned	1,150	1,005	907	1,051	1,078	1,099	1,046	1,161	1,118	891	1,087	1,128
Cured	71	69	55	55	55	52	94	96	90	85	80	82
Reduced to meal, oil, etc	2,101	2,233	2,171	2,361	2,040	2,640	2,733	2,604	2,222	2,841	2,968	2,892

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1220. Fisheries, Selected Countries—Commercial Catch, 1975 to 1982, and Catch Per Capita, 1975

[In billions of pounds, live weight, except per capita. Catch of fish, crustaceans, mollusks (including weight of shells), and other aquatic plants and animals, except whales and seals. World total includes countries not shown separately]

COUNTRY	1975		1980	1981	1982	COUNTRY	1975		1980	1981	1982
	Total	Per capita [1] (lb.)					Total	Per capita [1] (lb.)			
World total	**145.5**	**27.1**	**159.5**	**165.5**	**169.3**	Iceland	2.2	147.3	3.3	3.2	1.7
						Philippines	3.2	73.0	3.4	3.7	3.9
United States	6.3	35.1	8.0	8.3	8.8	Canada	2.2	40.1	2.9	3.1	3.1
Japan	21.8	148.6	23.0	23.5	23.8	Korea, D.P.R. (est.)	2.3	78.5	3.1	3.3	3.4
Soviet Union	22.0	63.3	20.9	21.0	22.0	Spain	3.3	77.8	2.8	2.8	3.0
Peru	7.6	37.9	6.0	6.0	7.6	Vietnam (est.)	1.9	48.1	2.1	2.1	2.2
Chile	2.0	34.8	6.2	7.5	8.1	Brazil	1.7	15.2	1.8	1.8	1.9
Norway	5.5	103.6	5.3	5.6	5.5	Mexico	1.0	10.8	2.7	3.5	3.3
India	5.0	7.0	5.4	5.4	5.1	France	1.7	48.9	1.7	1.7	1.7
Korea, Rep. of	4.2	104.3	4.6	5.2	5.0	South Africa, Rep. of	1.3	15.4	1.4	1.3	1.4
Denmark	3.9	77.4	4.5	4.1	4.2	Poland	1.8	45.2	1.4	1.4	1.3
Indonesia	3.0	23.6	4.1	4.2	4.5	United Kingdom	1.1	38.1	.9	.8	.7
Thailand	3.4	50.5	4.0	4.4	4.2						

[1] 1975–1977 average.

Source: Food and Agricultural Organization of the United Nations, Rome, Italy, *Yearbook of Fishery Statistics, 1982,* vol. 54.

No. 1221. Fisheries—Catch and Value of Principal Species: 1975 to 1984

[**Catch in millions of pounds live weight, value in millions of dollars.** Data exclude landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States, and production of artificially cultivated fish and shellfish. 1980–84 preliminary]

Species	Catch						Value					
	1975	1980	1981	1982	1983	1984	1975	1980	1981	1982	1983	1984
Fish:												
Cod, Atlantic	56	118	100	104	112	97	13	32	33	37	38	36
Flounder	162	217	201	228	254	220	44	82	86	102	116	124
Haddock	16	55	55	45	33	26	5	21	22	22	19	18
Halibut	21	19	27	33	45	48	16	17	21	29	41	25
Herring, sea	131	291	247	202	180	179	6	45	31	35	44	26
Jack mackerel	37	44	31	58	40	23	2	4	3	5	3	2
Menhaden	1,803	2,497	2,105	2,766	2,963	2,891	49	112	81	108	119	117
Ocean perch, Atlantic	32	24	19	19	13	12	3	6	5	5	3	4
Pollock	21	43	41	35	34	64	2	7	9	7	6	9
Salmon, Pacific	202	614	648	607	639	691	107	357	438	392	351	392
Tuna	393	399	341	261	279	212	107	233	206	146	143	118
Whiting	42	36	37	36	37	46	4	6	7	8	7	7
Shellfish:												
Clams (meats)	113	95	121	108	115	133	43	90	107	97	96	116
Crabs	306	523	446	350	317	313	81	291	297	282	223	187
Lobsters, American	30	37	37	39	44	44	51	75	87	91	107	114
Oysters (meats)	53	49	50	54	50	48	45	70	69	76	67	81
Scallops (meats)	14	30	46	34	32	59	23	114	128	96	136	128
Shrimp	347	340	355	284	250	302	226	403	463	509	504	486

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1222. Prices Received by Fishermen and Vessel Owners: 1970 to 1984

[**Cents per pound. Live weight.** 1979–1984 data are preliminary. Based on prices received by fishermen and vessel owners. See also *Historical Statistics, Colonial Times to 1970,* series L 321–337]

Species	Point of pricing	1970	1975	1978	1979	1980	1981	1982	1983	1984
Fish:										
Cod	Massachusetts	13.1	24.2	25.4	29.3	27.3	33.0	36.2	33.9	37.9
Flounder	Massachusetts	15.3	34.9	50.5	47.2	42.4	57.9	56.7	54.0	96.5
Haddock	Massachusetts	25.8	32.8	31.9	42.6	38.7	39.4	49.5	58.6	71.5
Menhaden	(No specific point)	1.8	2.7	3.8	4.2	4.5	3.8	3.8	4.0	4.0
Ocean perch	Maine, Massachusetts	4.9	10.3	17.1	21.0	23.0	28.3	27.4	26.6	28.8
Salmon, chinook	(No specific point)	55.4	85.9	133.8	173.5	166.3	182.5	182.3	127.3	173.1
Salmon, coho	(No specific point)	39.3	77.6	118.6	142.5	109.7	94.5	99.4	66.5	90.5
Tuna, albacore	(No specific point)	26.7	33.3	60.6	64.7	80.1	91.0	69.1	61.6	62.3
Shellfish:										
Clams, soft	Maine	47.5	86.9	124.3	144.6	150.7	156.7	152.3	174.8	222.8
Crabs, blue, hard	Maryland, Virginia	6.6	15.7	20.5	19.1	20.3	23.4	32.2	29.1	29.0
Lobsters, American	Maine	94.7	161.5	177.1	180.3	189.7	206.6	221.8	233.1	252.2
Oysters, eastern	Maryland, Virginia	61.1	80.1	110.7	125.9	131.3	128.2	129.5	144.3	211.4
Sea scallops	Massachusetts	135.6	188.8	253.5	340.3	404.2	406.8	384.2	570.0	560.3
Shrimp	So. Atlantic, Gulf	47.6	107.0	130.6	185.4	149.0	152.4	206.2	216.2	173.2

Source: U.S. National Oceanic and Atmospheric Administration, *Prices Received by Fishermen,* H.S. No. 12 (C.F.S. No. 4657 Revised), *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1223. Commercial Fishery Products—Per Capita Consumption: 1965 to 1984

[**Pounds of edible meat.** 1979–1984 preliminary. Based on U.S. Bureau of the Census estimates of the civilian resident population as of July 1. See also *Historical Statistics, Colonial Times to 1970,* series L 294–304]

Product	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	10.8	11.8	12.5	12.8	12.1	12.2	12.9	12.7	13.4	13.0	12.8	12.9	12.3	13.1	13.6
Fresh and frozen	6.0	6.9	7.1	7.4	6.9	7.5	8.2	7.7	8.1	7.8	8.0	7.8	7.7	8.0	8.3
Fish [1]	3.8	4.5	4.7	5.2	4.4	4.9	5.6	5.1	5.5	5.4	5.5	5.0	5.1	5.2	5.3
Shellfish	2.2	2.4	2.4	2.2	2.5	2.6	2.6	2.6	2.6	2.4	2.5	2.8	2.6	2.8	3.0
Canned	4.3	4.5	4.9	5.0	4.7	4.3	4.2	4.6	5.0	4.8	4.5	4.8	4.3	4.8	5.0
Tuna	2.3	2.5	2.9	3.1	3.1	2.9	2.8	2.8	3.3	3.3	2.9	3.1	2.7	3.1	3.2
Salmon	.9	.7	.7	.4	.3	.4	.4	.5	.6	.6	.5	.5	.5	.5	.5
Shellfish	.5	.5	.5	.5	.5	.4	.4	.6	.5	.5	.5	.5	.4	.6	.6
Sardines	.3	.4	.4	.5	.4	.2	.3	.3	.3	.3	.3	.4	.3	.2	.2
Other	.3	.4	.4	.5	.4	.4	.3	.4	.4	.3	.3	.3	.4	.4	.5
Cured	.5	.4	.5	.4	.5	.4	.5	.4	.3	.4	.3	.3	.3	.3	.3

[1] Beginning 1973, includes consumption of artificially cultivated catfish.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1224. Catch and Catch Limits in the U.S. Fishery Conservation Zone (FCZ), by Country: 1981 to 1984

[**In millions of pounds live weight.** Data are preliminary. Excludes tuna. (In 1981, U.S. domestic catch of tuna in FCZ was 35 mil. lb., in 1982 and 1983, 23 mil. lb. and in 1984, 34 mil. lb.). Allocations (catch limits) set by species for countries fishing within 200 to 300 miles of U.S. shores. For details, see text, p. 681, and source]

COUNTRY	ACTUAL CATCH				ALLOCATION			
	1981	1982	1983	1984	1981	1982	1983	1984
Total catch in FCZ	**5,968**	**5,451**	**5,440**	**5,984**	(x)	(x)	(x)	(x)
U.S.	2,320	2,331	2,525	2,939	(x)	(x)	(x)	(x)
Foreign	3,648	3,120	2,894	3,011	[1] 4,638	[1] 4,270	[1] 4,265	[1] 4,278
Japan	2,558	2,384	2,143	2,074	3,140	3,039	2,585	2,554
U.S.S.R.	(x)	(x)	(x)	51	(x)	(x)	(x)	77
Korea, Rep. of	536	536	613	605	582	677	716	727
Poland	362	(x)	(x)	154	508	(x)	(x)	174
Canada	66	66	51	27	(x)	(x)	(x)	(x)
Spain	43	34	10	9	62	36	30	22
Italy	26	32	20	25	50	45	32	19
Germany, Fed. Rep. of	26	36	52	54	53	49	64	62
Portugal	(x)	(z)	(x)	(z)	24	24	5	17
Bulgaria	16	16	(x)	(x)	50	40	1	(x)
Faroe Islands	(x)	(z)	(x)	(x)	1	1	1	1
China (Taiwan)	13	15	(x)	(x)	48	47	15	(x)
Cuba	(x)	(x)	(x)	(x)	15	(x)	(x)	(x)
Romania	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
German Dem. Rep.	(x)	(x)	3	12	(x)	12	11	26

X Not applicable. Z Less than 500,000 pounds. [1] Includes countries not shown separately.

No. 1225. U.S. Catch and Value of Fish and Shellfish, by Distance Caught Off U.S. Shores—Selected Species: 1984

[Preliminary. Catch is shown in live weight, except as indicated. Includes landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States and catches by U.S. flag vessels unloaded onto foreign vessels within the U.S. FCZ (joint venture)]

SPECIES	Total U.S. catch [1] (mil. lb.)	BY DISTANCE FROM U.S. SHORES						Value of U.S. catch [1] (mil. dol.)	PERCENT OF TOTAL VALUE, BY DISTANCE CAUGHT OFF U.S. SHORES		
		Catch (mil. lb.)			Percent of U.S. catch						
		3 miles or less [2]	3 to 200 miles	Over 200 miles	3 miles or less [2]	3 to 200 miles	Over 200 miles		3 miles or less [2]	3 to 200 miles	Over 200 miles
Fish, total [3]	**7,277.7**	**4,164.3**	**2,555.5**	**557.9**	**57.2**	**35.1**	**7.7**	**1,417.5**	**47.3**	**35.7**	**17.0**
Cod, Atlantic	96.8	3.6	92.6	.6	3.7	95.7	.6	36.1	3.8	95.5	.7
Flounder	339.8	33.7	305.5	.6	9.9	89.9	.2	131.9	13.3	86.3	.4
Haddock	26.0	(z)	25.5	.4	.2	98.1	1.5	18.4	.2	98.0	1.8
Halibut	47.9	17.0	30.9	(z)	35.5	64.5	(z)	25.4	31.8	68.1	(z)
Herring, sea	178.5	150.4	28.1	-	84.3	15.7	-	25.9	95.2	4.8	-
Jack mackerel	23.3	2.8	20.5	-	12.0	88.0	-	2.0	12.0	88.0	-
Menhaden	2,891.1	2,874.6	16.5	-	99.4	.6	-	117.3	99.6	.4	-
Ocean perch	25.5	2.8	20.8	1.9	11.0	81.6	7.4	6.1	11.8	78.3	9.8
Salmon, Pacific	691.4	686.8	4.6	-	99.3	.7	-	391.5	97.8	2.2	-
Tuna	582.9	.7	34.0	548.2	(z)	5.8	94.1	270.5	(x)	12.9	86.8
Shellfish [3]	**1,014.4**	**579.0**	**417.3**	**18.1**	**57.1**	**41.1**	**1.8**	**1,220.2**	**49.6**	**45.8**	**4.6**
Clams (meats)	132.9	40.7	92.2	-	30.6	69.4	-	116.5	62.2	37.8	-
Crabs	313.0	244.7	68.2	(z)	78.2	21.8	(z)	186.6	60.3	39.7	(z)
Lobsters	50.2	38.7	11.4	.1	77.1	22.7	(z)	131.6	74.3	25.3	.4
Scallops (meats)	59.4	4.1	55.3	-	6.9	93.1	-	127.8	14.3	85.7	-
Shrimp	301.7	151.5	150.2	-	50.2	49.8	-	488.4	40.8	59.2	-

- Represents zero. Z Less than 500,00 pounds or .05 percent. [1] Includes catch from international waters or off foreign shores. [2] Includes all landings in Great Lakes and other inland waters. [3] Includes other species not shown separately.

No. 1226. Supply of Tuna, Salmon, and Sardines: 1970 to 1984

[**In millions of pounds.** 1979-84 preliminary]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Tuna: Domestic landings, live weight	478	570	665	458	566	508	500	490	473	586	583
Imports, fresh and frozen, live weight	465	517	641	670	870	810	770	770	589	534	494
Canned tuna, total supply	510	582	658	583	757	674	666	698	626	713	777
From domestic landings	204	261	287	207	257	218	215	217	206	251	264
From imported fresh and frozen	234	269	312	341	448	402	387	410	332	339	351
Imported canned	72	52	59	35	52	54	64	71	88	123	162
Canned salmon, for U.S. consumption	168	59	108	115	116	98	126	152	71	127	144
Domestic pack	183	78	125	136	149	149	200	215	112	181	193
Exports	17	23	20	21	33	51	74	63	41	54	49
Canned sardines, total supply	66	57	79	74	75	80	71	86	68	48	59
Maine sardines	19	26	25	23	26	30	20	31	18	13	15
Imports	47	31	54	50	49	50	51	55	50	35	45

Source of tables 1224-1226: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1227. Fisheries—Quantity and Value of Catch, by State, and Catch of Principal Species, by Area: 1970 to 1984

[**Catch in millions of pounds, live weight, except as indicated; ex-vessel value in millions of dollars.** 1979–1984 preliminary. See also *Historical Statistics, Colonial Times to 1970*, series L 262–293]

Area, State, Catch, and Value	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
New England:											
Catch	531	498	547	586	661	709	788	697	687	711	694
Value	91	154	174	207	256	302	327	356	374	435	433
Maine:											
Catch	159	138	178	182	190	232	245	238	217	202	179
Value	31	48	54	62	69	80	93	104	101	108	108
New Hampshire:											
Catch	1	3	3	4	5	6	19	8	8	10	12
Value	1	1	1	2	2	3	5	4	4	4	6
Massachusetts:											
Catch	287	274	289	321	377	375	438	370	344	377	375
Value	47	83	96	116	152	176	178	197	204	245	233
Rhode Island:											
Catch	79	79	72	73	84	88	81	80	113	114	120
Value	11	19	21	23	29	36	46	49	55	66	70
Connecticut:											
Catch	5	4	5	5	5	6	5	1	5	8	8
Value	2	3	2	4	4	7	5	2	10	12	14
Catch for certain species:											
Cod	53	55	55	76	86	97	118	100	104	112	96
Flounder	104	77	80	89	87	98	118	112	128	154	115
Haddock	27	16	13	29	39	42	55	55	45	33	26
Herring, sea	66	79	110	111	111	143	184	139	73	51	74
Lobster, American	30	29	30	30	34	36	36	36	37	42	42
Ocean perch, Atlantic	55	32	32	35	36	34	24	19	19	13	12
Pollock	9	21	24	29	39	34	40	37	31	31	40
Whiting	40	33	37	33	35	16	18	20	24	26	33
Middle Atlantic:											
Catch	140	188	269	214	201	228	244	228	129	128	153
Value	30	50	69	70	79	92	97	95	93	94	109
New York:											
Catch	32	37	35	33	36	37	39	36	35	38	38
Value	16	28	32	31	34	38	45	45	45	38	40
New Jersey:											
Catch	98	144	227	179	164	189	201	189	90	86	112
Value	13	20	35	38	44	53	50	48	45	54	67
Delaware:											
Catch	10	7	7	2	1	2	4	3	4	4	3
Value	1	2	2	1	1	1	2	2	2	2	2
Catch for certain species:											
Clams (meats)	63	53	43	50	43	46	40	49	54	53	68
Menhaden	31	67	151	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oysters (meats)	1	3	4	2	2	3	3	2	2	2	2
Scup or porgy	4	10	9	9	11	8	8	10	7	8	7
Chesapeake Bay:											
Catch	630	509	587	671	599	639	717	603	791	841	663
Value	41	56	74	87	94	122	130	126	120	130	138
Maryland:											
Catch	80	64	58	62	60	66	80	115	100	90	89
Value	19	23	31	31	33	37	45	57	51	45	55
Virginia:											
Catch	551	445	529	609	539	573	637	488	691	751	574
Value	22	33	43	56	61	85	85	69	69	85	83
Catch for certain species:											
Alewives	21	12	4	1	2	2	1	1	1	2	1
Clams (meats)	23	47	24	28	28	30	36	38	31	38	36
Crabs	70	62	47	60	54	66	65	64	100	96	98
Menhaden	450	322	446	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oysters (meats)	25	23	21	18	22	20	21	22	18	11	13
South Atlantic:											
Catch	280	333	318	347	399	488	473	543	427	397	402
Value	30	64	74	71	96	145	148	138	164	173	150
North Carolina:											
Catch	173	238	226	251	300	390	356	432	308	288	276
Value	9	20	28	29	41	58	69	58	64	58	57
South Carolina:											
Catch	16	20	21	16	21	21	21	16	20	19	15
Value	4	13	14	10	16	26	20	14	24	25	15
Georgia:											
Catch	14	18	15	13	17	22	19	19	20	19	16
Value	4	12	12	9	14	28	20	13	22	25	12
Florida (east coast):											
Catch	76	57	56	66	61	55	77	76	79	71	95
Value	12	19	20	24	25	33	39	53	54	65	66
Catch for certain species:											
Crabs	43	31	27	31	47	49	55	60	62	58	52
Menhaden	136	167	145	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Shrimp	21	25	26	18	20	32	33	17	26	27	19

See footnotes at end of table.

No. 1227. Fisheries—Quantity and Value of Catch, by State, and Catch of Principal Species, by Area: 1965 to 1984—Continued

[Catch in millions of pounds, live weight, except as indicated; ex-vessel value in millions of dollars. 1979-1984 preliminary. See also *Historical Statistics, Colonial Times to 1970*, series L 262-293]

AREA, STATE, CATCH, AND VALUE	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Gulf States:											
Catch	1,698	1,654	1,743	1,462	2,287	2,129	1,979	1,700	2,300	2,443	2,644
Value	167	271	386	408	473	530	463	554	614	616	656
Florida (west coast):											
Catch	116	116	111	116	110	108	115	139	116	109	112
Value	31	57	69	76	73	91	86	119	114	113	112
Alabama:											
Catch	30	31	32	35	30	31	25	32	25	21	27
Value	10	21	34	37	35	49	25	43	46	43	44
Mississippi:											
Catch	298	306	288	313	374	379	332	260	379	439	477
Value	11	14	21	26	27	32	25	29	38	48	47
Louisiana:											
Catch	1,107	1,115	1,219	910	1,674	1,529	1,412	1,161	1,697	1,784	1,924
Value	61	86	135	136	190	199	174	190	232	225	263
Texas:											
Catch	147	86	93	109	99	80	94	108	84	90	104
Value	53	93	127	134	148	159	153	173	184	187	190
Catch for certain species:											
Crabs	36	41	39	48	41	42	45	41	41	41	55
Menhaden	1,209	1,197	1,238	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mullet	27	26	19	22	27	22	31	32	25	22	19
Oysters (meats)	18	19	22	20	18	15	17	17	24	28	24
Shrimp	230	170	210	265	248	207	208	268	210	198	254
Great Lakes: [1]											
Catch	72	62	67	73	68	49	44	39	36	47	61
Value	6	9	11	10	10	11	14	12	13	14	14
Superior:											
Catch	5	5	6	5	5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value	1	2	2	2	2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Michigan:											
Catch	53	45	48	55	51	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value	4	4	5	5	4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Huron:											
Catch	2	2	2	2	2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value	(z)	1	1	1	1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Erie:											
Catch	10	8	9	10	10	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value	1	2	3	3	3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Pacific Coast:											
Catch	1,480	1,551	1,771	1,809	1,741	1,925	2,140	2,070	1,872	1,739	1,701
Value	235	352	538	673	821	1,006	1,025	1,063	964	846	795
Washington:											
Catch	134	146	142	164	138	170	156	185	170	150	156
Value	30	61	72	89	97	115	86	96	90	61	76
Oregon:											
Catch	98	86	95	115	135	128	126	135	128	97	82
Value	23	26	40	45	57	65	56	52	57	39	34
California:											
Catch	703	875	917	856	722	728	804	775	695	529	459
Value	86	135	187	189	228	227	323	275	241	202	176
Alaska:											
Catch	545	445	617	675	746	899	1,054	975	879	963	1,002
Value	96	130	239	349	439	597	560	640	576	544	509
Catch for certain species:											
Anchovies	193	329	264	223	35	117	107	127	103	22	18
Bonito	9	32	9	23	8	5	14	17	5	8	6
Crabs	126	164	222	268	301	326	347	235	143	118	93
Flounder	46	57	62	53	63	68	60	62	73	66	65
Halibut	34	21	18	17	17	21	19	27	33	45	48
Herring, sea	22	57	43	50	43	66	107	108	129	129	105
Jack mackerel	48	37	45	105	68	35	44	31	58	40	23
Salmon	410	202	310	377	404	536	614	648	607	639	670
Shrimp	93	140	168	154	154	96	98	67	45	21	21
Tuna	378	381	474	319	394	349	387	327	248	245	177
Mississippi River and tributaries:											
Catch	75	72	71	74	58	86	85	85	110	102	85
Value	10	15	14	17	13	15	21	25	34	30	25
Hawaii:											
Catch	11	9	15	13	14	14	11	13	14	29	35
Tuna catch	9	7	12	10	11	12	7	8	10	28	29
Value	4	6	9	10	12	11	12	18	14	18	29

D Withheld to avoid disclosure. NA Not available. Z Less than $500,000. [1] Collected largely by State fishery agencies, and compiled by National Marine Fisheries Service. Includes, in addition to lakes shown, small amounts for Lake Ontario, Lake St. Clair, Lake of the Woods, Namakan Lake, and Rainy Lake.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual; and *Fisheries of the United States*, annual.

No. 1228. Fresh and Frozen Fishery Products—Production and Value: 1975 to 1984

[Excludes Alaska and Hawaii, except frozen fishery products includes Alaska and Hawaii]

Product	Production (mil. lb.)						Value (mil. dol.)					
	1975	1980	1981 [1]	1982 [1]	1983 [1]	1984 [1]	1975	1980	1981 [1]	1982 [1]	1983 [1]	1984 [1]
Fish fillets and steaks [2]	131.9	202.1	205.1	217.6	230.6	248.1	137.9	261.2	305.2	350.6	362.1	394.8
Cod	15.2	31.3	43.3	41.5	51.3	70.6	14.6	43.2	68.6	60.0	68.3	94.6
Flounder	41.9	48.9	50.8	76.2	80.7	77.6	53.1	87.4	98.0	146.5	137.6	155.9
Haddock	8.2	17.2	17.8	13.5	11.7	8.4	12.3	29.0	32.9	24.7	22.0	18.4
Ocean perch, Atlantic	8.4	7.1	4.9	5.2	4.3	2.7	5.7	9.3	7.0	7.3	5.7	3.3
Whiting	.1	.6	.2	.1	.1	[3]	.1	.5	.2	.1	.1	[3]
Rockfish	5.5	14.2	16.4	17.8	17.3	19.8	3.2	12.8	16.2	19.2	22.1	25.2
Pollock, Atlantic	5.7	8.5	9.1	9.0	11.3	11.0	3.6	8.5	9.7	10.3	11.6	11.0
Other	46.9	74.3	62.6	54.3	53.9	58.0	45.3	70.5	72.6	82.8	94.7	86.4
Frozen fishery products	299.7	228.2	220.7	243.0	186.7	188.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Preliminary. [2] Fresh and frozen. [3] Included with "Other."

No. 1229. Canned Fishery Products—Production and Value: 1975 to 1984

[Data shown are for natural pack only. See also *Historical Statistics, Colonial Times to 1970*, series L 338-357 (production data in cases) and L 358]

Product	Production (mil. lb.)								Value (mil. dol.)							
	1975	1978	1979	1980	1981	1982	1983	1984, prel.	1975	1978	1979	1980	1981	1982	1983	1984, prel.
Total [1]	1,382	1,598	1,439	1,516	1,476	1,283	1,391	1,368	1,067	1,884	1,743	1,928	1,954	1,457	1,534	1,570
Tuna	529	705	620	602	627	539	591	614	653	1,273	1,104	1,144	1,180	918	859	872
Salmon	78	149	149	200	215	112	181	193	110	221	258	376	380	174	308	336
Clam products	76	69	73	77	88	99	102	100	42	60	61	66	72	85	86	84
Jack mackerel [2]	10	32	26	38	36	39	46	31	3	10	8	12	12	15	17	13
Sardines, Maine	26	26	30	20	31	18	13	15	25	36	45	32	55	28	20	25
Shrimp	12	17	10	16	10	6	7	6	28	50	54	80	60	35	41	33
Crabs	3	5	5	5	2	1	1	1	10	19	18	19	7	6	6	5
Squid	8	8	4	4	9	8	(NA)	(NA)	2	2	1	1	3	3	(NA)	(NA)
Oysters	2	1	(z)	(z)	(z)	1	1	(z)	4	1	1	(z)	1	2	2	(z)

NA Not available. Z Less than 500,000 pounds or $500,000. [1] Includes other products, not shown separately. [2] Includes a small amount of Pacific mackerel.

No. 1230. Processed Fishery Products, Production and Value—Summary: 1975 to 1984

[Includes Puerto Rico and American Samoa. See *Historical Statistics, Colonial Times to 1970*, series L 362-365, for meal, scrap, and oil]

Product	Production (mil. lb.[1])						Value (mil. dol.)					
	1975	1980	1981	1982	1983	1984, prel.	1975	1980	1981	1982	1983	1984, prel.
Total	(X)	(X)	(X)	(X)	(X)	(X)	2,651	4,942	4,888	4,509	(NA)	(NA)
Packaged fresh and frozen	1,113	1,403 [2]	1,289	1,298	(NA)	(NA)	1,309	2,567	2,527	2,670	(NA)	(NA)
Fish not breaded:												
Fillets and steaks, raw	132	203	205	218	231	248	138	262	305	351	362	395
Dressed	55	40	52	78	(NA)	(NA)	43	58	79	106	(NA)	(NA)
Other [3]	26	48	30	44	(NA)	(NA)	22	37	21	31	(NA)	(NA)
Fish breaded, raw or cooked:												
Sticks	91	88	89	91	87	92	62	89	97	106	116	108
Fillets, portions, and steaks	286	326	331	302	(NA)	(NA)	211	368	397	381	(NA)	(NA)
Shellfish: Not breaded	315	497	415	381	(NA)	(NA)	534	1,302	1,172	1,173	(NA)	(NA)
Breaded, raw and cooked	128	113	119	124	(NA)	(NA)	220	321	362	444	(NA)	(NA)
Specialties, fish and shellfish	80	88	48	60	(NA)	(NA)	79	130	94	78	(NA)	(NA)
Canned products [4]	1,382	1,516	1,495	1,294	1,391	1,368	1,067	1,928	2,013	1,499	1,534	1,570
Fish and shellfish	799	1,010	1,086	887	987	1,029	920	1,782	1,878	1,367	1,394	1,439
Animal food	583	506	409	407	403	339	148	146	135	132	141	131
Cured fish [5]	55	66	43	43	(NA)	(NA)	102	175	135	105	159	150
Salted (incl. spiced, pickled) [6]	30	43	16	17	(NA)	(NA)	44	85	37	32	(NA)	(NA)
Smoked	24	22	25	24	(NA)	(NA)	56	86	92	68	(NA)	(NA)
Dried (cod) lutefisk [5]	1	1	2	2	(NA)	(NA)	2	4	6	5	(NA)	(NA)
Industrial products	(X)	(X)	(X)	(X)	(X)	(X)	173	272	213	235	252	234
Meal and scrap (mil. tons)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	66	134	119	123	(NA)	(NA)
Oil (body and liver)	246	313	184	348	399	372	33	58	33	54	67	61
Fish solubles (mil. tons)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	9	14	15	16	16	16
Other	(X)	(X)	(X)	(X)	(X)	(X)	67	66	46	42	(NA)	(NA)

NA Not available. X Not applicable. Z Less than 500,000 tons. [1] Except as indicated. [2] Excludes Alaska. [3] Includes bait and unbreaded portions. [4] Includes salmon eggs for bait. [5] Includes sun-dried and freeze-dried. [6] In 1975 dried cod was included in salted.

Source of tables 1228-1230: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1231. Fishery Products—Imports and Exports: 1960 to 1984

[See also *Historical Statistics, Colonial Times to 1970*, series L 227-235]

Year	Imports				Exports			
	Total value (mil. dol.)	Edible products		Non-edible, value (mil. dol.)	Total value (mil. dol.)	Edible products		Non-edible, value (mil. dol.)
		Quantity (mil. lb.)	Value (mil. dol.)			Quantity (mil. lb.)	Value (mil. dol.)	
1960	363	1,095	311	53	44	61	26	19
1965	601	1,399	479	121	69	96	49	20
1970	1,037	1,873	813	225	118	140	94	24
1973	1,583	2,416	1,398	185	299	239	242	57
1974	1,711	2,267	1,495	215	262	178	195	67
1975	1,637	1,913	1,367	270	305	218	267	37
1976	2,328	2,228	1,914	414	385	241	330	55
1977	2,634	2,176	2,078	555	520	331	473	47
1978	3,086	2,411	2,256	830	906	448	832	74
1979	3,809	2,359	2,672	1,137	1,084	554	1,022	62
1980	3,648	2,145	2,687	962	1,006	574	904	102
1981	4,206	2,272	3,034	1,172	1,157	669	1,073	84
1982	4,523	2,225	3,202	1,321	1,059	657	999	60
1983	5,129	2,387	3,627	1,502	1,021	602	908	114
1984, prel	5,883	2,454	3,742	2,141	949	574	842	106

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual; and *Fisheries of the United States*, annual. Compiled from U.S Bureau of the Census data.

No. 1232. Selected Fishery Products—Imports and Exports: 1981 to 1984

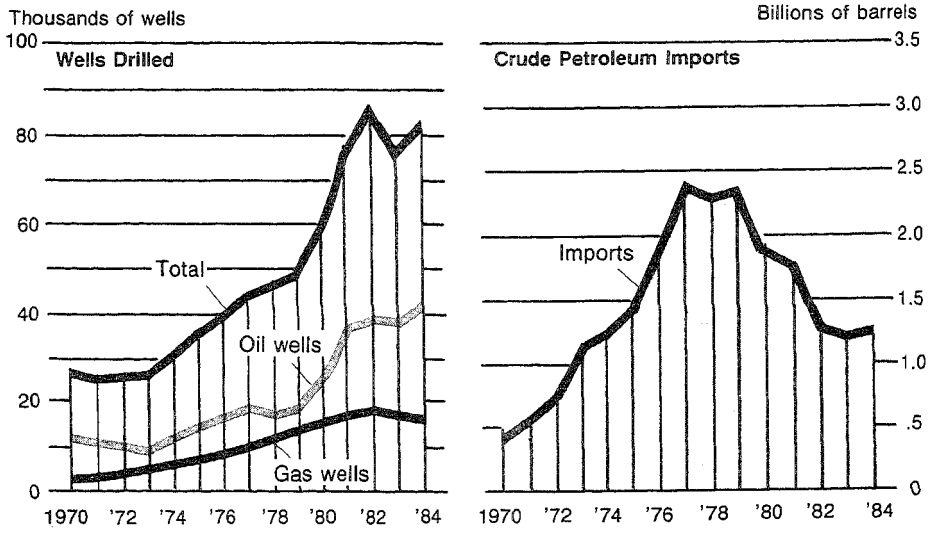
[Includes Puerto Rico. See *Historical Statistics, Colonial Times to 1970*, series L 312-318, for selected imports]

Product	Quantity (mil. lb.)				Value (mil. dol.)				Rank of three major foreign sources, 1984
	1981	1982	1983	1984, prel.	1981	1982	1983	1984, prel.	
IMPORTS									
Edible [1]	**2,272.5**	**2,225.0**	**2,386.8**	**2,454.3**	**3,034.2**	**3,202.4**	**3,626.7**	**3,742.3**	(x)
Fresh or frozen	1,988.5	1,921.3	2,051.5	2,057.1	2,640.2	2,806.2	3,211.9	3,281.3	Canada, Japan, Denmark
Whitefish [2]	7.5	8.3	9.7	8.5	7.2	7.4	7.4	8.5	Canada Philippines, Japan
Halibut [2]	6.3	6.7	6.1	8.1	10.1	10.4	11.2	13.7	Canada, Japan, Rep. of Korea
Salmon [2]	6.5	10.4	14.4	21.1	15.9	22.1	33.4	56.5	Canada, Norway, Netherlands
Sea herring	14.3	28.8	27.7	24.4	3.0	5.1	4.9	2.9	Iceland, Canada, Norway
Smelt	12.6	14.4	11.9	8.9	6.5	7.5	6.7	4.6	Canada, Sweden, Norway
Tuna	721.3	558.5	505.2	404.2	478.6	360.7	240.0	215.9	Japan, Taiwan, Ghana
Groundfish fillets, blocks [3]	601.3	614.2	682.6	624.0	605.2	629.0	708.0	631.1	Canada, Iceland, Denmark
Other fillets and steaks	157.0	145.7	141.5	165.7	194.2	189.0	186.0	238.3	Canada, New Zealand, Japan
Scallops (meats)	26.2	20.9	34.3	27.3	112.7	73.0	158.7	117.3	Canada, Japan, Iceland
Lobster, American and spiny	55.8	54.4	63.8	73.4	308.7	315.6	364.0	435.7	Canada, Australia, Brazil
Shrimp and prawn	218.4	268.5	328.3	328.9	715.0	970.0	1,198.0	1,189.9	Mexico, Ecuador, Panama
Canned [1]	161.6	224.5	257.6	316.4	207.9	308.7	330.4	372.9	Thailand, Philippines, Hong Kong
Anchovies, in oil	4.3	4.2	3.8	4.9	13.5	11.0	8.1	10.9	Spain, Portugal, Morocco
Salmon	.1	.2	.3	.1	.1	.6	1.5	.1	West Germany, Canada, Japan
Sardines, in oil	18.2	14.1	17.2	17.5	25.1	19.1	21.2	23.4	Norway, Canada, Portugal
Sardines and herring [4]	43.2	41.3	23.7	31.5	35.8	30.5	21.5	24.8	Peru, Canada, Iceland
Tuna	70.9	87.8	122.3	162.3	110.4	113.3	137.3	167.3	Spain, Portugal, Italy
Bonito and yellowtail	.9	.5	.2	.2	.8	.4	.3	.1	Peru, Spain, Japan
Crab meat	5.0	5.7	6.5	6.2	13.2	16.3	20.6	20.0	Canada, Thailand, Rep. of Korea
Oysters	20.4	22.4	21.6	23.0	24.0	26.5	24.8	26.2	Hong Kong, Rep. of Korea, Japan
Lobster, American and spiny	3.1	3.4	1.2	.4	20.4	26.1	8.6	2.1	Canada, Mexico, Japan
Pickled or salted [1]	67.9	64.3	60.9	61.1	71.0	62.5	56.1	55.5	Canada, Norway, Rep. of Korea
Cod, haddock, hake, pollock, cusk	45.3	40.8	37.7	38.0	56.2	48.6	42.9	42.3	Canada, Norway, Spain
Herring	20.1	21.2	20.3	20.2	11.5	10.6	9.8	9.9	Canada, Norway, Iceland
Nonedible scrap and meal	**118.9**	**168.7**	**135.9**	**166.9**	**20.5**	**25.7**	**21.8**	**26.5**	**Chile, Canada, Panama**
EXPORTS									
Canned salmon	63.5	41.2	54.5	49.0	126.6	65.9	97.0	86.8	(x)
Canned sardines	1.7	1.0	1.0	.9	1.7	.9	.7	.6	(x)
Fish oil, nonedible	**238.3**	**202.3**	**404.1**	**399.4**	**42.6**	**35.7**	**59.8**	**71.0**	(x)

X Not applicable. [1] Includes products not shown separately. [2] Excludes fillets. [3] Includes cod, cusk, haddock, hake, pollock, Atlantic ocean perch, and whiting. [4] Not in oil.

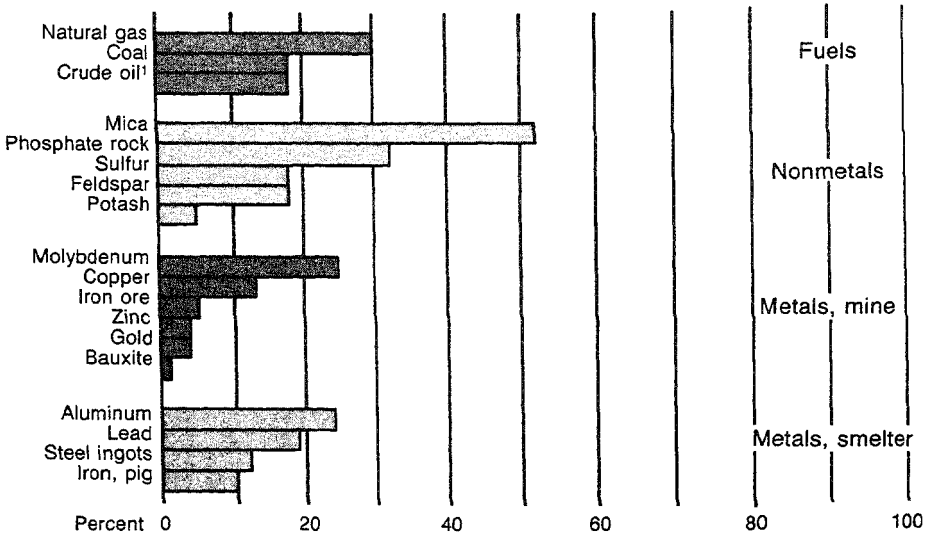
Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual. Compiled from U.S. Bureau of the Census data.

Figure 27.1
Crude Petroleum and Natural Gas—Wells Drilled and Imports of Crude Petroleum: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1248 and 1253.

Figure 27.2
U.S. Mineral Production as Percent of World Total: 1983



[1] Includes natural gas liquids.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1243.

1986

Section 27

Mining and Mineral Products

This section presents data relating to mineral industries and their products, general summary measures of production and employment, and more detailed data on production, prices, imports and exports, consumption, and distribution for specific industries and products. Data on mining and mineral products may also be found in Sections 29 and 33 of this *Abstract;* data on mining employment may be found in Section 14.

"Mining" comprises the extraction of minerals occurring naturally (coal, ores, crude petroleum, natural gas) and quarrying, well operation, milling, refining and processing and other preparation customarily done at the mine or well site or as a part of extraction activity. (Mineral preparation plants are usually operated together with mines or quarries.) Exploration for minerals is included as is the development of mineral properties.

The principal governmental sources of these data are the three-volume *Minerals Yearbook,* published by the Bureau of Mines, Department of the Interior, and various monthly and annual publications of the Energy Information Administration, Department of Energy. See text, Section 20 for list of Department of Energy publications. In addition, the Bureau of the Census conducts a census of mineral industries every 5 years. Non-government sources include the *Annual Statistical Report* of the American Iron and Steel Institute, Washington, DC; *Metals Week* and the monthly *Engineering and Mining Journal,* issued by the McGraw-Hill Publishing Co., New York, NY; *The Iron Age,* issued weekly by the Chilton Co., Philadelphia, PA; and the *Joint Association Survey of the U.S. Oil and Gas Industry,* conducted jointly by the American Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oil and Gas Association.

Mineral statistics, with principal emphasis on commodity detail, have been collected by the Geological Survey or by the Bureau of Mines since 1880. Current data in Bureau of Mines publications include quantity and value of nonfuel minerals produced, sold or used by producers, or shipped; quantity of minerals stocked; crude materials treated and prepared minerals recovered; and consumption of mineral raw materials. The U.S. Mine Safety and Health Administration also collects and publishes data on workhours, employment, accidents, and injuries in the mineral industries, except petroleum and natural gas. In October 1977, mineral fuel data collection activities of the Bureau of Mines were transferred to the Energy Information Administration.

Censuses of mineral industries have been conducted by the Bureau of the Census at various intervals since 1840. Beginning with the 1967 census, legislation provides for a census to be conducted every fifth year for years ending in "2" and "7." The censuses provide, for the various types of mineral establishments, information on operating costs, capital expenditures, labor, equipment, and energy requirements in relation to their value of shipments and other receipts. Commodity statistics on many manufactured mineral products are also collected by the Bureau at monthly, quarterly, or annual intervals and issued in its *Current Industrial Reports* series.

In general, figures shown in the individual commodity tables include data for outlying areas, and may therefore not agree with summary table 1237. Except for crude petroleum and refined products, the export and import figures include foreign trade passing through the customs districts of United States and Puerto Rico, but exclude shipments between U.S. territories and the customs districts.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

No. 1233. Summary of Mineral Operations: 1958 to 1982

[Represents mineral operations only. Beginning 1967, excludes single unit establishments without paid employees. See also *Historical Statistics, Colonial Times to 1970*, series M 1-11]

ITEM	Unit	1958	1963	1967	1972	1977	1982
Establishments [1]	Number	36,392	38,651	28,579	25,269	31,359	73,005
With 20 or more employees [1]	Number	6,045	5,499	5,682	5,312	6,632	10,272
Including all operations in manufactures	Number	37,966	40,532	29,688	26,178	31,967	73,349
Excluding oil and gas extraction	Number	19,444	19,290	13,330	11,680	13,520	12,838
Employees, total	1,000	734	616	567	595	799	1,114
Production workers [2]	1,000	565	482	433	443	593	762
All other	1,000	169	134	134	152	206	352
Worker-hours, production workers [2]	Million	1,081	973	892	909	1,183	1,578
Workerhours per production workers	1,000	1.9	2.0	2.1	2.1	2.0	2.1
Payroll, total	Mil. dol	3,749	3,743	4,187	6,226	13,167	28,637
Wages, production workers [2]	Mil. dol	2,623	2,680	2,888	4,250	9,082	18,030
Salaries, all other employees	Mil. dol	1,126	1,063	1,299	1,976	4,085	10,607
Cost of supplies, etc.[3]	Mil. dol	7,521	8,974	10,576	14,884	46,079	109,697
Value added in mining	Mil. dol	13,385	15,910	19,330	26,471	68,013	188,056
Metal mining	Mil. dol	1,180	1,418	1,557	2,382	3,504	3,215
Coal mining	Mil. dol	1,780	1,727	2,091	3,754	11,266	18,631
Oil and gas extraction	Mil. dol	9,033	11,020	13,394	17,612	48,587	159,937
Nonmetallic minerals mining	Mil. dol	1,392	1,745	2,288	2,723	4,656	6,273
Value of shipments and receipts [4]	Mil. dol	16,373	18,804	22,784	36,319	96,375	250,000
Capital expenditures	Mil. dol	2,804	3,264	4,058	5,036	17,718	47,753

[1] See footnote 4, table 1236. [2] See footnote 5, table 1236. [3] Includes purchased machinery installed. [4] See footnote 7, table 1236.

Source: U.S. Bureau of the Census, *Census of Mineral Industries, 1972, 1977* and *1982*.

No. 1234. National Income Originating in Mining: 1970 to 1984

[**In billions of dollars, except percent.** For definition of national income, see text, p. 427. Refers to national income without capital consumption adjustment. Data represent net value added at factor costs. See *Historical Statistics, Colonial Times to 1970*, series F 230, for single-year figures prior to revisions issued in 1981]

INDUSTRY	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total mining	8.0	10.5	16.0	18.6	20.9	22.8	24.2	30.1	38.5	45.1	46.5	40.0	45.5
Percent of total national income	1.0	1.0	1.4	1.5	1.5	1.4	1.3	1.5	1.8	1.9	1.9	1.5	1.5
Metal mining	1.2	1.5	1.6	1.6	1.8	1.7	2.0	2.8	2.8	3.2	2.0	2.1	2.4
Coal mining	2.3	3.0	5.6	6.5	6.2	6.8	7.1	8.4	8.8	9.3	9.9	8.2	9.7
Oil and gas extraction	3.2	4.1	6.8	8.3	10.7	11.7	12.0	15.7	23.3	29.2	31.3	26.5	29.5
Nonmetallic minerals, exc. fuels	1.3	1.9	2.1	2.2	2.3	2.6	3.1	3.3	3.6	3.4	3.3	3.3	3.9

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July issues and unpublished data.

No. 1235. Mining and Primary Metal Production Indexes: 1970 to 1984

[**1967 = 100.** For a discussion of revisions to the industrial production measures, see Board of Governors of the Federal Reserve, *Industrial Production*, 1976 Revision. See also *Historical Statistics, Colonial Times to 1970*, series M 68-71]

INDUSTRY GROUP	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Mining	112.2	114.7	115.3	112.8	114.2	118.2	124.0	125.5	132.7	142.2	126.1	116.6	125.7
Coal	108.0	104.8	106.4	113.4	117.2	121.9	114.7	135.6	146.7	141.3	142.7	136.3	155.8
Anthracite	79.2	54.9	50.9	50.1	51.9	50.2	53.4	46.7	43.7	49.2	46.5	37.0	37.3
Bituminous	109.2	106.8	108.7	116.0	119.9	124.9	117.2	139.3	150.9	145.0	146.7	140.3	160.6
Oil and gas extraction	111.6	113.7	114.4	113.3	112.0	118.0	124.6	121.7	133.3	146.8	131.1	116.6	121.7
Crude oil and natural gas	111.6	108.4	103.6	97.9	95.4	95.7	99.1	97.3	97.9	98.2	96.7	95.0	96.4
Oil and gas drilling	108.3	146.5	189.3	222.8	230.1	279.3	315.2	303.8	405.8	523.4	392.4	280.5	314.7
Metal mining	131.9	130.2	125.6	115.8	122.8	105.5	121.0	127.0	109.2	123.1	82.4	80.9	91.7
Iron ore	112.1	112.6	110.4	105.4	105.4	74.3	110.0	117.1	96.6	104.4	51.9	54.3	73.1
Nonferrous ores	149.6	146.0	139.2	125.1	138.4	133.3	130.8	135.7	120.4	139.8	110.0	104.5	107.6
Copper ore	179.0	179.8	167.0	147.0	167.2	158.1	155.6	165.6	134.7	173.5	130.4	121.8	124.2
Lead and zinc ores	122.1	113.9	120.2	111.0	108.5	103.3	89.8	83.9	89.0	77.0	81.7	72.4	55.7
Primary metals, manufacturing	106.6	126.7	123.1	96.4	109.7	111.1	119.9	121.3	102.3	107.9	75.3	85.4	95.1
Nonferrous metals	109.9	134.5	129.0	97.5	118.5	124.1	131.9	135.8	119.8	122.4	99.7	110.1	122.3
Copper	162.7	160.5	139.9	123.0	138.2	128.0	135.8	145.9	113.1	135.6	98.1	102.1	115.1
Aluminum	121.6	138.6	150.1	118.8	129.7	138.8	147.0	153.6	156.5	151.4	110.5	113.0	137.8
Iron and steel	104.7	122.3	119.8	95.8	104.8	103.8	113.2	113.2	92.4	99.8	61.7	71.5	79.8

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 1236. Mineral Industries—Summary: 1972 to 1982

["N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series M1-12]

MINERAL INDUSTRY	1972			1977					1982									
				Establishments		All employees			Establishments [4]		All employees		Production workers [5]					
	Establishments	All employees, payroll [1] (mil. dol.)	Value added in mining [2] (mil. dol.)	Total	With 20 or more employees	Number [3] (1,000)	Payroll [1] (mil. dol.)	Value added in mining [2] (mil. dol.)	Total	With 20 or more employees	Number [3] (1,000)	Payroll [1] (mil. dol.)	Number (1,000)	Hours [6] (millions)	Wages (mil. dol.)	Value added in mining [2] (mil dol.)	Value of shipments and receipts [7] (mil. dol.)	Capital expenditures (mil. dol.)
All industries	**25,269**	**6,226**	**26,471**	**31,359**	**6,632**	**799**	**13,167**	**68,013**	**73,005**	**10,272**	**1,114**	**28,637**	**762**	**1,578**	**18,030**	**188,056**	**250,000**	**47,753**
Metal mining	**1,014**	**853**	**2,382**	**1,206**	**328**	**88**	**1,485**	**3,504**	**1,515**	**328**	**68**	**1,860**	**47**	**90**	**1,222**	**3,215**	**5,287**	**1,161**
Iron ores	111	218	702	97	61	19	372	1,046	78	40	12	340	7	13	201	770	1,414	63
Copper ores	181	387	1,025	133	61	33	544	1,067	81	51	22	604	16	30	429	672	1,551	423
Lead and zinc ores	101	72	200	88	41	7	105	329	71	28	4	112	3	6	71	201	318	57
Gold and silver ores	132	30	61	175	20	5	71	161	371	80	10	263	7	15	181	650	741	238
Gold ores and placers	81	20	47	126	8	3	40	78	286	59	8	188	5	10	120	479	521	205
Silver ores	51	10	14	49	12	2	32	83	85	21	3	75	2	5	61	171	220	33
Bauxite	10	4	24	12	6	(Z)	7	31	8	4	(Z)	9	(Z)	(Z)	6	15	30	5
Ferroalloy ores, except vanadium	44	40	137	56	17	6	107	256	69	16	5	150	3	6	88	146	206	110
Metal mining services	172	31	54	270	42	3	52	112	394	22	3	.61	2	4	42	90	125	27
Miscellaneous metal ores	263	71	180	375	80	14	227	502	443	87	12	323	8	17	205	671	902	240
Anthracite mining	**230**	**35**	**68**	**176**	**43**	**4**	**51**	**123**	**173**	**41**	**4**	**69**	**3**	**6**	**57**	**176**	**293**	**23**
Anthracite	213	32	63	156	38	3	48	116	152	40	3	67	3	6	56	172	287	23
Anthracite mining services	17	3	5	20	5	(Z)	4	7	21	1	(Z)	2	(Z)	(Z)	2	5	7	1
Bituminous coal, lignite mining	**3,365**	**1,742**	**3,685**	**5,275**	**1,690**	**242**	**4,120**	**11,143**	**5,005**	**1,856**	**248**	**6,736**	**198**	**380**	**5,188**	**18,455**	**28,261**	**3,199**
Bituminous coal and lignite	3,191	1,714	3,626	4,944	1,610	235	4,005	10,837	4,513	1,767	241	6,570	193	370	5,056	18,041	27,695	3,141
Coal mining services, n.e.c	174	29	60	331	80	7	115	306	492	89	7	166	6	11	132	414	565	58
Oil and gas extraction	**14,498**	**2,525**	**17,612**	**18,447**	**3,128**	**349**	**5,902**	**48,587**	**60,511**	**6,814**	**685**	**17,693**	**434**	**939**	**10,033**	**159,937**	**207,091**	**42,216**
Crude petroleum and natural gas	7,609	1,375	14,422	8,573	981	140	2,738	38,327	27,538	1,994	264	8,084	102	214	2,725	126,035	134,969	34,281
Natural gas liquids	680	117	1,019	692	209	13	227	3,286	793	236	14	402	12	24	323	8,865	41,010	1,131
Oil and gas field services	6,209	1,033	2,172	9,182	1,938	196	2,936	6,974	32,160	4,584	406	9,207	320	701	6,985	25,037	31,112	6,804
Drilling oil and gas wells	1,907	422	881	2,625	840	79	1,317	3,307	10,123	1,810	166	4,007	139	296	3,241	11,316	13,798	4,206
Oil and gas exploration services	715	89	212	1,252	116	18	220	545	4,228	389	42	810	33	73	622	2,307	2,960	391
Oil and gas field services, n.e.c	3,587	522	1,079	5,305	982	99	1,399	3,122	17,809	2,385	199	4,391	148	332	3,123	11,415	14,354	2,207
Nonmetallic minerals mining	**6,162**	**1,070**	**2,723**	**6,255**	**1,443**	**117**	**1,609**	**4,656**	**5,801**	**1,233**	**110**	**2,278**	**80**	**164**	**1,530**	**6,273**	**9,068**	**1,154**
Dimension stone [8]	198	13	26	209	23	2	19	39	154	22	2	21	1	2	16	50	64	3
Crushed and broken stone [9]	1,937	388	982	2,055	655	41	543	1,501	1,932	567	37	701	28	57	494	1,787	2,572	269
Sand and gravel [9]	2,929	322	776	2,807	430	31	418	1,017	2,758	343	28	520	21	42	380	1,336	1,877	211
Clay and related minerals [9]	309	78	198	255	103	10	136	358	224	97	11	212	8	16	139	510	887	107
Chemical and fertilizer minerals	204	203	583	205	112	24	372	1,433	196	114	26	681	16	35	395	2,237	3,135	519
Nonmetallic minerals, services	126	11	20	176	33	2	36	70	222	18	2	35	1	3	26	70	101	7
Miscellaneous [9]	459	55	138	548	87	7	87	238	315	72	6	109	5	10	81	283	433	37

Z Less than 500 or 500,000. [1] Gross earnings paid to all employees on payroll. [2] Computed by subtracting cost of supplies, minerals received for preparation, purchased fuel and electric energy, contract work, and purchased machinery from the value of shipments and capital expenditures. [3] Excludes proprietors and firm members of unincorporated concerns. [4] Not comparable to prior years for the crude petroleum and natural gas and mining service industries. [5] Represents employees up through the working foreman level engaged in manual work. Includes development and exploration workers. [6] Excludes paid vacations, holidays, and sick leave; includes actual overtime hours (not straight-time equivalent). [7] Represents value of shipments of primary and secondary products of the industry and amount received for services performed for other establishments on a contract, fee, or other basis. [8] Excludes data for dimension stone quarries operated in conjunction with dressing plants. [9] Excludes data for mining included in establishments classified in manufacturing industries.

Source: U.S. Bureau of the Census, *Census of Mineral Industries: 1972, 1977,* and *1982,* final industry series reports.

NO. 1237. MINERAL PRODUCTION AND VALUE, 1970 TO 1983,

[Data represent production as measured by mine shipments, mine sales, or marketable production

	MINERAL	PRODUCTION QUANTITY							
		Unit	1970	1975	1979	1980	1981	1982	1983
1	**Total mineral production**	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2	**Mineral fuels**	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3	Coal: Bituminous and lignite	Mil. sh. ton	603	648	776	824	818	834	778
4	Pennsylvania anthracite	Mil. sh. ton	10	6	5	6	5	5	4
5	Natural gas (wet)	Tril. cu. ft	21.92	20.11	20.47	20.18	19.96	18.52	16.82
6	Petroleum (crude)	Mil. bbl. [1]	3,517	3,057	3,121	3,146	3,129	3,157	3,171
7	Uranium [2]	Mil. lb	23.1	23.2	37.5	43.7	36.5	26.9	21.2
8	**Nonmetallic minerals**	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
9	Abrasive stone [3]	Sh. ton	3,055	2,953	2,094	631	2,501	1,285	1,101
10	Asbestos	1,000 sh. ton	125	99	103	88	83	70	77
11	Asphalt and related bitumens (native) [4]	1,000 sh. ton	1,981	1,902	1,614	1,252	1,261	(D)	(D)
12	Barite	1,000 sh. ton	854	1,318	2,113	2,245	2,849	1,845	764
13	Boron minerals	1,000 sh. ton	1,041	1,172	1,590	1,545	1,481	1,234	1,303
14	Bromine	Mil. lb	350	407	497	378	377	401	370
15	Calcium chloride	1,000 sh. ton	633	594	720	581	705	617	(D)
16	Carbon dioxide, natural (estimate)	Mil. cu. ft	1,110	1,070	2,028	1,628	1,577	2,068	-
17	Cement: Portland	Mil. sh. ton	73.2	65.2	79.0	71.6	68.2	61.1	67.2
18	Masonry	Mil. sh. ton	3.0	2.9	3.7	3.0	2.7	2.4	2.9
19	Clays	Mil. sh. ton	54.9	49.0	54.7	48.8	44.4	35.3	40.9
20	Diatomite	1,000 sh. ton	598	573	717	689	687	613	619
21	Emery	1,000 sh. ton	(D)	3.5	10.0	(D)	(D)	(D)	(D)
22	Feldspar	1,000 sh. ton	726	670	740	710	665	615	710
23	Fluorspar	1,000 sh. ton	269	140	109	93	115	77	81
24	Garnet (abrasive)	1,000 sh. ton	18.8	17.2	21.2	26.9	25.5	27.3	29.8
25	Gem stones (estimate)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26	Gypsum	Mil. sh. ton	9.4	9.8	14.6	12.4	11.5	10.5	12.9
27	Helium [6]	Mil. cu. ft	4,600	1,079	1,617	1,458	1,398	1,248	1,299
28	Lime	Mil. sh. ton	19.7	19.1	20.9	19.0	18.9	14.1	14.9
29	Magnesium compounds [7]	1,000 sh. ton	708	(D)	(D)	(D)	(D)	(D)	556
30	Mica: Scrap	1,000 sh. ton	119	135	134	116	133	106	140
31	Sheet	1,000 lb	-	5.0	-	-	-	-	-
32	Peat	1,000 sh. ton	526	746	798	788	757	769	725
33	Perlite	1,000 sh. ton	456	512	660	638	591	506	474
34	Phosphate rock	Mil. sh. ton	38.7	48.8	56.9	60.0	59.1	41.2	46.9
35	Potash [8]	1,000 sh. ton	2,729	2,094	2,632	2,444	2,103	1,967	1,668
36	Pumice	1,000 sh. ton	3,036	3,892	1,172	543	499	416	449
37	Pyrites	1,000 lg. ton	(D)	625	1,032	834	784	665	(D)
38	Salt (common)	Mil. sh. ton	45.9	41.0	45.8	40.4	38.9	37.9	34.6
39	Sand and gravel	Mil. sh. ton	944	789	979	793	720	621	682
40	Sodium carbonate (natural)	1,000 sh. ton	2,688	4,328	(D)	(D)	(D)	(D)	(D)
41	Sodium sulfate (natural)	1,000 sh. ton	602	667	533	583	608	(D)	423
42	Stone [9]	Mil. sh. ton	869	901	1,101	982	874	791	863
43	Sulfur: Frasch mines (shipments)	1,000 lg. ton	6,504	6,077	7,388	7,283	5,817	3,541	4,046
44	Talc, soapstone, pyrophyllite	1,000 sh. ton	1,028	965	1,453	1,473	1,343	1,135	1,066
45	Tripoli	1,000 sh. ton	68	81	116	121	107	113	111
46	Vermiculite	1,000 sh. ton	285	330	346	337	320	316	282
47	Nonmetallic minerals, undistributed [10]	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
48	**Metals**	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
49	Antimony ore and concentrate	Sh. ton [11]	1,130	886	722	343	646	503	836
50	Bauxite (dried)	1,000 lg. ton [12]	2,082	1,772	1,792	1,534	1,486	720	668
51	Copper [2]	1,000 sh. ton	1,720	1,413	1,591	1,302	1,696	1,264	1,144
52	Gold [2]	1,000 fine oz	1,743	1,052	964	970	1,379	1,466	1,956
53	Iron ore, usable [14]	Mil. lg. ton [15]	87.2	75.7	86.1	69.6	72.2	35.8	44.6
54	Lead [2]	1,000 sh. ton	572	621	579	607	491	565	495
55	Manganiferous ore [16]	1,000 sh. ton [16]	368	159	241	174	175	32	34
56	Mercury	76 lb. flask	27,296	7,366	29,519	30,657	27,904	25,760	25,070
57	Molybdenum [17]	Mil. lb	110	105	144	149	119	76	49
58	Nickel [18]	1,000 sh. ton	15.9	17.0	15.1	14.7	12.1	3.2	-
59	Silver [2]	Mil. fine oz	45.0	34.9	37.9	32.3	40.7	40.2	43.4
60	Titanium concentrate: Ilmenite [2]	1,000 sh. ton [15]	921	702	646	594	524	233	(D)
61	Tungsten ore and concentrate	1,000 lb. [19]	9,312	5,490	6,646	6,036	7,815	3,473	2,240
62	Vanadium [3]	Sh. ton	5,319	4,743	5,520	4,806	5,126	4,098	2,171
63	Zinc mine production [2]	1,000 sh. ton	534	469	295	350	344	334	303
64	Metals, undistributed [10]	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

- Represents zero. D Withheld to avoid disclosing individual company data. NA Not available. X Not applicable. [1] 42 gal. bbl. [2] Recoverable content of ores, etc. [3] Grindstones, pulpstones, millstones, grinding pebbles, sharpening stones, and tubemill liners. [4] Contains bituminous limestone and sandstone, and gilsonite. [5] Value included in "Nonmetallic minerals, undistributed." [6] 1970–1981, crude and refined; 1982–1983, refined only. [7] From sea water and brines, except for metals (M_gO equiv.).
[8] K_2O equivalent; represents sales by producers. [9] Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all included elsewhere in table. Includes calcareous marl and slate.

AND PRINCIPAL PRODUCING STATES, 1983

(including consumption by producers). See *Historical Statistics, Colonial Times to 1970*, series M 13-37 for selected values]

PRODUCTION VALUE (mil. dol.)							Principal producing States ranked by quantity, 1983	
1970	1975	1979	1980	1981	1982	1983		
26,369.7	**59,906.9**	**106,893.0**	**146,750.0**	**187,187.0**	**179,070.0**	**168,778.0**	(x)	1
18,800.0	45,422.0	82,919.0	121,616.0	161,899.0	159,395.0	147,644.0	(x)	2
3,770.0	12,470.0	18,360.0	20,200.0	21,510.0	22,620.0	19,960.0	KY, WV, WY, PA, IL.	3
110.0	200.0	200.0	260.0	240.0	230.0	214.0	PA.	4
3,730.0	9,050.0	24,160.0	32,090.0	39,510.0	45,560.0	43,614.0	TX, LA, OK, NM.	5
11,190.0	23,450.0	39,450.0	67,930.0	99,400.0	90,030.0	83,048.0	TX, AK, LA, CA.	6
(NA)	252.0	749.0	1,136.0	1,239.0	955.0	808.0	NM, WY, TX.	7
5,791.2	**9,570.0**	**15,438.0**	**16,213.0**	**16,446.0**	**14,158.0**	**15,268.0**	(x)	8
.6	1.1	2.1	1.9	1.1	.6	.5	AR, WI, OH.	9
10.7	14.2	28.9	30.6	30.7	24.9	27.9	CA and VT.	10
8.9	17.8	25.6	25.0	27.7	(D)	[5]	UT.	11
12.8	21.2	53.6	66.0	102.4	69.5	29.2	NV, GA, MO, MT.	12
86.8	158.8	310.2	366.8	435.4	384.6	439.2	CA.	13
60.6	113.1	114.5	95.4	90.2	102.6	91.0	AR and MI.	14
15.2	29.0	51.9	47.9	61.7	61.5	[5]	MI and CA.	15
.2	.3	3.2	2.6	2.6	3.4	–	–	16
1,268.7	2,015.6	3,650.4	3,613.3	3,515.6	3,084.4	3,315.7	TX, CA, PA, MI.	17
67.5	111.8	204.8	188.5	161.8	145.2	186.2		18
267.9	424.6	846.1	898.9	988.8	825.1	931.1	GA, TX, WY, NC.	19
32.6	45.8	90.3	100.6	113.0	107.6	114.3	CA, NV, WA, OR.	20
[5]	[5]	.2	[5]	[5]	[5]	[5]	NY.	21
9.6	11.7	21.5	23.2	21.0	20.3	22.5	NC, CT, GA, CA.	22
13.9	10.9	12.2	12.6	18.4	13.3	10.0	IL, NV, TX.	23
1.9	1.7	1.5	1.9	2.1	2.3	2.5	ID, ME, NY.	24
2.4	13.9	8.2	6.9	7.6	7.2	7.4	(x)	25
35.1	44.7	99.9	103.1	98.1	89.1	101.1	TX, IA, OK, CA.	26
64.2	23.9	31.3	30.2	33.9	42.4	45.5	KS, TX, NM.	27
286.2	523.8	862.5	842.9	884.2	696.2	757.6	OH, PA, MO, KY.	28
62.4	[5]	[5]	[5]	[5]	[5]	145.1	MI, CA, FL, TX.	29
2.5	5.2	7.7	6.3	8.2	6.4	6.5	NC, SD, NM, SC.	30
–	(Z)	–	–	–	–	–	–	31
6.0	12.3	15.5	16.2	18.8	16.9	18.7	MI, FL, IN, IL.	32
4.9	7.3	16.4	16.5	17.5	16.0	15.7	NM, AZ, CA, NV.	33
203.2	1,122.2	1,045.7	1,256.9	1,438.0	950.3	1,020.1	FL, ID, NC, TN.	34
98.1	223.1	279.2	353.9	328.9	265.6	220.8	NM, UT, CA.	35
4.7	11.2	4.9	4.3	4.3	3.8	4.5	OR, NM, CA, ID.	36
[5]	4.8	17.1	13.8	49.2	41.9	[5]	TN and AZ.	37
304.8	368.1	538.4	656.2	637.6	671.4	597.1	LA, TX, NY, OH.	38
1,115.7	1,416.3	2,427.0	2,289.0	2,260.3	1,997.8	2,270.2	CA, TX, AK, OH.	39
56.3	182.6	[5]	[5]	[5]	[5]	[5]	WY and CA.	40
10.9	27.7	29.7	36.4	43.2	[5]	39.4	CA, TX, UT.	41
1,474.9	2,120.3	3,398.7	3,393.5	3,275.4	3,063.4	3,486.5	TX, FL, PA, IL.	42
151.8	304.8	449.4	720.5	715.7	434.7	445.1	TX and LA.	43
7.8	8.9	20.4	25.6	31.5	20.7	20.3	TX, VT, MT, NY.	44
.5	.6	6.3	.7	.6	.7	.7	IL, OK, AR.	45
6.5	13.8	22.0	23.5	26.2	28.5	27.5	MT, SC, VA.	46
34.4	157.2	740.3	941.2	994.1	959.3	868.1	(x)	47
3,778.5	**4,914.9**	**8,536.0**	**8,921.0**	**8,842.0**	**5,517.0**	**5,866.0**	(x)	48
[12]	2.1	[12]	[12]	[12]	[12]	[12]	ID and MT.	49
30.1	25.1	24.9	22.4	26.5	12.3	11.3	AR, AL, GA.	50
1,964.5	1,814.8	2,960.7	2,666.9	2,886.4	1,840.9	1,751.5	AZ, UT, NM, MT.	51
63.4	169.9	296.6	594.1	633.9	551.0	829.9	NV, SD, UT, MT.	52
941.7	1,620.6	2,814.0	2,543.5	2,914.7	1,491.7	1,945.0	MN, MI, WY, MD.	53
178.6	267.2	609.9	515.2	358.8	288.6	214.6	MO, ID, CO, NY.	54
[12]	1.4	2.9	2.4	2.9	.3	.2	SC and MT.	55
11.1	1.2	8.3	11.9	11.5	[12]	[12]	NV.	56
190.1	259.3	871.1	1,344.2	945.5	504.1	166.6	AZ, CO, MT. UT.	57
[12]	[12]	[12]	[12]	[12]	[12]	–	–	58
79.7	154.4	420.3	667.3	427.9	320.0	496.7	ID, MT, NV, UT.	59
18.6	26.9	33.0	32.0	37.0	19.1	[12]	FL and NY.	60
23.8	29.1	55.8	50.6	62.2	22.1	10.5	CA, CO, ID.	61
34.9	49.3	73.9	64.4	71.5	52.6	30.7	CO, UT, ID.	62
163.7	366.1	219.8	261.7	306.9	257.1	251.2	TN, MO, NY, CO.	63
58.4	127.5	145.0	144.8	156.2	157.6	163.5	(x)	64

[10] Comprises value of items that cannot be disclosed. [11] Antimony content. [12] Included with "Metals, undistributed." [13] Dried equivalent. [14] Represents shipments; beginning 1976, includes byproduct ores. [15] Gross weight. [16] 5 to 35 percent manganiferous ore. [17] Content of concentrate. [18] Content of ore and concentrate. [19] Tungsten content.

Source: U.S. Bureau of Mines, *Minerals Yearbook*, and beginning 1979 for mineral fuels, U.S. Energy Information Administration, *Annual Energy Review*.

No. 1238. Mineral Industries—States: 1972 to 1982

[Represents establishments classified in the mineral industries only. Excludes data for stone, sand and gravel, clay and gypsum mines operated as parts of manufacturing establishments. See headnote, table 1236. For composition of regions, see fig. I inside front cover]

Region, division, and state	1972		1977		1982				
	All employees (1,000)	Value added in mining (mil. dol.)	All employees (1,000)	Value added in mining (mil. dol.)	Establishments: Total	Establishments: With 20 employees or more	All employees: Number (1,000)	All employees: Payroll (mil. dol.)	Value added in mining (mil. dol.)
U.S.[1]	**595.1**	**26,471**	**798.8**	**68,013**	**73,005**	**10,272**	**1,114.0**	**26,637**	**188,056**
Region:									
Northeast	56.7	1,155	65.6	2,576	3,004	550	63.6	1,606	3,639
Midwest	97.6	2,983	117.1	6,545	12,583	1,151	135.3	3,405	14,352
South	320.3	17,117	449.3	45,061	45,577	6,591	681.3	17,105	119,231
West	120.4	5,215	163.6	13,588	11,760	1,938	228.4	6,367	48,028
N. Eng	**3.8**	**76**	**3.8**	**99**	**336**	**55**	**4.4**	**119**	**168**
ME	.3	6	.3	5	28	1	.1	2	5
NH	.2	6	.2	8	28	3	.3	7	17
VT	.8	14	.7	25	46	12	.8	15	36
MA	1.5	28	1.3	32	118	13	1.1	25	54
RI	.3	4	.1	5	20	2	.2	3	7
CT	.7	18	1.2	24	96	24	1.9	68	47
Mid. Atl	**52.9**	**1,079**	**61.8**	**2,477**	**2,668**	**495**	**59.2**	**1,487**	**3,472**
NY	7.7	154	7.1	218	598	70	7.8	205	415
NJ	3.3	78	3.0	93	165	40	3.4	102	120
PA	41.9	847	51.7	2,166	1,905	385	48.0	1,180	2,937
E. No. Cent	**60.8**	**1,592**	**75.7**	**3,762**	**5,738**	**667**	**83.1**	**2,137**	**7,675**
OH	20.1	465	27.6	1,181	2,196	255	28.9	708	2,825
IN	6.3	211	8.4	392	711	98	10.3	269	786
IL	20.5	546	25.8	1,163	1,682	199	31.3	845	2,544
MI	11.4	306	11.3	939	941	91	10.7	277	1,935
WI	2.5	64	2.6	87	208	24	1.9	38	86
W. No. Cent	**36.8**	**1,391**	**41.4**	**2,783**	**6,845**	**484**	**52.2**	**1,268**	**6,677**
MN	11.7	498	11.5	699	170	35	9.2	248	599
IA	2.5	53	2.9	88	216	26	2.1	38	104
MO	8.9	218	8.1	396	394	65	7.9	198	418
ND	1.5	84	2.5	325	1,097	103	8.5	226	1,999
SD	1.8	32	2.4	68	143	9	2.3	50	116
NE	1.5	40	1.8	73	434	24	2.3	47	248
KS	8.9	466	12.2	1,134	4,451	222	19.9	461	3,196
So. Atl	**92.4**	**2,174**	**117.6**	**5,406**	**4,039**	**1,049**	**113.9**	**2,727**	**8,987**
DE									
DC	2.2	58	2.3	79	34	3	.2	6	2
MD					141	30	2.6	59	167
VA	16.8	360	23.2	1,016	916	279	24.4	533	1,467
WV	53.0	1,195	69.6	2,820	2,104	502	63.1	1,680	4,790
NC	3.3	71	3.7	111	179	60	4.0	68	198
SC	1.5	34	1.5	47	79	26	1.5	24	72
GA	6.6	158	7.4	294	210	73	7.6	142	430
FL	9.0	298	9.9	1,039	376	76	10.5	216	1,860
E. So. Cent	**51.9**	**1,428**	**77.0**	**4,187**	**4,664**	**877**	**88.7**	**2,146**	**8,385**
KY	30.2	780	47.8	2,515	2,139	530	54.2	1,372	4,142
TN	7.3	152	9.1	378	555	117	9.0	186	498
AL	8.8	264	14.1	787	596	115	15.9	375	1,980
MS	5.6	232	6.0	507	1,374	115	9.6	213	1,765
W. So. Cent	**176.0**	**13,515**	**254.7**	**35,468**	**36,874**	**4,665**	**478.7**	**12,232**	**101,859**
AR	3.7	142	4.7	395	862	58	5.4	115	1,015
LA	49.6	5,529	63.1	11,981	5,606	974	102.4	2,694	33,117
OK	26.9	1,133	43.5	3,418	9,144	1,065	104.1	2,667	13,274
TX	95.8	6,711	143.4	19,674	21,262	2,568	266.8	6,756	54,453
Mt	**85.3**	**3,367**	**119.9**	**8,668**	**8,858**	**1,315**	**158.9**	**4,269**	**21,859**
MT	5.6	189	5.9	560	1,148	87	8.5	214	1,695
ID	2.8	51	3.3	144	191	30	3.1	87	200
WY	11.5	679	22.7	2,282	2,101	323	34.2	940	6,859
CO	13.5	409	22.7	1,179	2,424	399	45.8	1,320	3,098
NM	16.2	958	23.5	2,689	1,581	248	26.6	660	7,127
AZ	21.1	625	21.0	751	291	54	16.6	427	748
UT	11.4	372	16.7	911	788	121	17.5	467	1,665
NV	3.2	104	4.1	152	334	53	6.6	155	468
Pac	**35.1**	**1,848**	**43.7**	**4,920**	**2,902**	**623**	**69.5**	**2,099**	**26,169**
WA	1.9	46	2.0	85	242	21	2.8	67	162
OR	1.3	38	1.3	59	216	19	1.8	37	60
CA	29.0	1,401	34.8	3,552	2,196	491	51.3	1,466	11,844
AK	2.6	354	5.5	1,216	236	88	13.4	525	14,093
HI	.3	9	.1	8	12	4	.2	4	10

[1] Includes offshore areas not associated with a State.

Source: U.S. Bureau of the Census, *Census of Mineral Industries, 1977, General Summary, MIC 77-SR-1* and *1982* final geographic area series.

No. 1239. Mineral Production—Value, 1975 to 1983, and Principal Minerals in Order of Value, 1983, by State

[**In millions of dollars.** Data for States may not add to total because State and U.S. totals were independently derived. For composition of regions, see fig. I, inside front cover]

Region, division, and State	1975	1980	1981	1982	1983			
					Total	Fuels	Non-fuels	Principal minerals in order of value
U.S.	**59,907**	**147,021**	**187,126**	**179,070**	**168,778**	**147,644**	**21,134**	Petroleum, natural gas (wet), coal.
Region:								
Northeast	3,611	4,710	4,869	4,697	4,476	2,917	1,559	(X)
Midwest	8,216	16,286	18,622	16,883	17,128	11,692	5,436	(X)
South	38,473	78,072	108,397	109,004	(D)	(D)	6,921	(X)
West	11,963	39,262	(D)	47,339	(D)	(D)	7,213	(X)
N.E.	**181**	**268**	**279**	**258**	**252**	**-**	**262**	(X)
ME	37	37	43	35	26	-	26	Sand and gravel, cement, stone.
NH	17	25	23	23	19	-	19	Sand and gravel, stone, clays.
VT	29	43	54	50	42	-	42	Stone, asbestos, sand and gravel.
MA	59	91	95	89	96	-	96	Stone, sand and gravel, lime.
RI	6	6	5	5	8	-	8	*Stone, sand and gravel, gem stones.*
CT	33	66	59	56	71	-	71	Stone, sand and gravel, feldspar.
M.A.	**3,430**	**4,442**	**4,590**	**4,441**	**4,214**	**2,917**	**1,297**	(X)
NY	398	557	555	589	603	96	507	Stone, cement, salt.
NJ	124	149	149	132	155	-	155	Stone, sand and gravel, zinc.
PA	2,908	3,736	3,886	3,720	3,456	2,821	635	Coal, natural gas, cement.
E.N.C.	**4,813**	**9,005**	**9,538**	**9,268**	**9,145**	**6,746**	**2,399**	(X)
OH	1,356	2,390	2,439	2,444	2,511	2,032	479	Coal, natural gas, petroleum.
IN	542	1,106	1,103	1,174	1,187	936	251	Coal, petroleum, stone.
IL	1,491	2,770	2,790	3,009	2,929	2,522	407	Coal, petroleum, stone.
MI	1,292	2,587	3,054	2,529	2,417	1,256	1,161	Petroleum, iron ore, natural gas.
WI	132	152	152	112	101	-	101	Stone, sand and gravel, lime.
W.N.C.	**3,403**	**7,281**	**9,084**	**7,609**	**7,983**	**4,946**	**3,037**	(X)
MN	1,097	1,782	2,155	1,110	1,455	-	1,455	Iron ore, sand and gravel, stone.
IA	196	265	247	231	257	10	247	Stone, cement, sand and gravel.
MO	723	1,172	1,000	877	866	140	726	Lead, cement, stone.
ND	202	801	1,882	1,807	1,842	1,817	25	Petroleum, coal, natural gas.
SD	102	250	233	180	261	39	222	Gold, cement, petroleum.
NE	112	272	322	293	283	188	95	Petroleum, cement, stone.
KS	971	2,740	3,245	3,111	3,019	2,752	267	Petroleum, natural gas, cement.
S.A.	**7,191**	**10,528**	**11,496**	**10,718**	(D)	(D)	**3,350**	(X)
DE	2	2	3	3	3	-	3	Magnesium compounds, sand and gravel, clays.
MD	165	293	313	294	285	86	199	Coal, stone, cement.
VA	1,262	1,708	1,766	1,640	1,405	1,116	289	Coal, stone, cement.
WV	3,390	4,860	4,992	5,490	4,677	4,573	104	Coal, natural gas, petroleum.
NC	153	360	373	299	399	-	399	Stone, phosphate, lithium.
SC	115	195	206	195	231	-	231	Cement, stone, clays.
GA	333	771	801	718	(D)	(D)	850	Clays, stone, cement.
FL	1,771	2,317	3,042	2,079	1,704	429	1,275	Phosphate petroleum, stone.
E.S.C.	**4,541**	**8,316**	**10,155**	**9,692**	**8,759**	**7,676**	**1,083**	(X)
KY	2,739	4,498	5,142	5,029	4,310	4,085	225	Coal, petroleum, stone.
TN	423	674	771	638	639	232	407	Coal, stone, zinc.
AL	969	1,994	2,442	2,338	2,306	1,945	361	Coal, petroleum, natural gas.
MS	410	1,150	1,800	1,687	1,504	1,414	90	Petroleum, natural gas, sand & gravel.
W.S.C.	**26,741**	**59,228**	**90,283**	**86,594**	(D)	(D)	**2,488**	(X)
AR	436	787	1,089	1,089	(D)	(D)	246	Petroleum, natural gas, bromine.
LA	8,513	16,396	30,673	31,364	29,063	28,616	447	Petroleum, natural gas, sulfur.
OK	2,267	7,336	9,719	10,762	9,942	9,716	226	Natural gas, petroleum, coal.
TX	15,525	34,710	48,802	45,379	42,515	40,946	1,569	Petroleum, natural gas, cement.
Mt.	**8,014**	**18,862**	**24,166**	(D)	(D)	(D)	**4,977**	(X)
MT	573	1,331	1,908	1,732	1,671	1,378	293	Petroleum, coal, natural gas.
ID	234	522	425	300	415	-	*415*	*Silver, phosphate, gold.*
WY	1,644	5,133	7,372	6,885	6,677	6,047	630	Petroleum, coal, natural gas.
CO	958	2,544	2,867	2,676	2,117	1,779	338	Petroleum, natural gas, coal.
NM	2,092	4,789	6,403	5,517	5,487	4,970	517	Natural gas, petroleum, coal.
AZ	1,288	2,476	2,563	(D)	(D)	(D)	1,511	Natural gas, petroleum, coal.
UT	966	1,661	2,104	2,090	2,035	1,378	657	Petroleum, coal, copper.
NV	259	408	524	547	629	13	616	Gold, silver, diatomite.
Pac.	**3,949**	**20,400**	(D)	(D)	(D)	(D)	**2,236**	(X)
WA	159	207	(D)	(D)	(D)	(D)	187	Cement, sand and gravel, stone.
OR	106	152	140	108	111	-	111	Stone, sand and gravel, cement.
CA	3,153	10,483	13,238	12,626	11,979	10,215	1,764	Petroleum, natural gas, cement.
AK	481	9,498	14,357	(D)	(D)	(D)	122	Petroleum, natural gas, sand and gravel.
HI	50	60	57	47	52	-	52	Stone, cement, sand and gravel.

- *Represents zero.* D *Withheld to avoid disclosing individual company data.* X *Not applicable.*

Source: U.S. Bureau of the Census. Compiled from data from U.S. Bureau of Mines and U.S. Energy Information Administration.

NO. 1240. MINERAL INDUSTRIES—GROSS ASSETS AND CAPITAL EXPENDITURES: 1967 TO 1982

[In millions of dollars]

INDUSTRY AND YEAR	END OF YEAR GROSS VALUE OF DEPRECIABLE ASSETS					CAPITAL EXPENDITURES					
	Total [1]	Buildings and other structures	Machinery and equipment	Mineral exploration and development [1]	Mineral land and rights [1]	Total [2]	New buildings and other structures	New machinery and equipment	Used buildings and other structures	Used machinery and equipment	Mineral exploration and development [2]
Mineral industries: [3]											
1967	13,621	3,349	8,900	1,373		1,516	387	913	87		129
1972	21,690	4,244	15,038	2,409		2,802	317	1,407	128		230
1977	44,664	6,099	33,066	2,625	2,871	6,802	785	5,068	30	399	520
1982	94,613	10,228	73,419	5,036	5,930	13,472	1,229	10,551	78	937	677
Crude petroleum, natural gas:											
1967	36,971	(NA)	(NA)	(NA)	(NA)	2,542	365	759	45		1,372
1972	47,500	(NA)	(NA)	(NA)	(NA)	2,954	403	842	44		1,666
1977	94,414	(NA)	(NA)	(NA)	(NA)	10,916	571	2,269	14	93	7,989
1982	233,052	(NA)	(NA)	(NA)	(NA)	34,281	1,967	5,550	20	215	26,529

NA Not availabele. [1] Excludes data for mineral exploration and development, and mineral land and rights portions for mining service industries and natural gas liquids industry. [2] Excludes data for mineral exploration and development portion for mining service industries and natural gas liquids industry. [3] Excludes crude petroleum and natural gas.

Source: U.S. Bureau of the Census, *Census of Mineral Industries, 1982.*

NO. 1241. MINERAL INDUSTRIES—EMPLOYMENT, HOURS, AND EARNINGS: 1981 TO 1984

ITEM	Unit	1981	1982	1983	1984
All mining:					
All employees	1,000	1,139	1,128	952	974
Production workers	1,000	841	821	673	693
Avg. weekly earnings	Dol	439	460	479	504
Avg. hourly earnings	Dol	10.04	10.77	11.28	11.63
Avg. weekly hours	No	43.7	42.7	42.5	43.3
Coal mining:					
All employees	1,000	245	237	194	197
Production workers	1,000	186	194	156	160
Avg. weekly earnings	Dol	482	506	548	603
Avg. hourly earnings	Dol	11.89	12.66	13.72	14.80
Average weekly hours	No	40.5	40.0	40.0	40.8
Oil and gas extraction:					
All employees	1,000	692	708	598	613
Production workers	1,000	486	491	398	409
Avg. weekly earnings	Dol	433	453	465	476
Oil and gas extraction—Con.					
Production workers—Con.					
Avg. hourly earnings	Dol	9.50	10.25	10.67	10.72
Average weekly hours	No.	45.6	44.2	43.6	44.4
Metal mining:					
All employees	1,000	104	73	56	56
Production workers	1,000	78	53	41	41
Avg. weekly earnings	Dol	468	484	494	530
Avg. hourly earnings	Dol	11.55	12.31	12.58	13.05
Average weekly hours	No	40.5	39.3	39.3	40.6
Nonmetallic minerals, except fuels:					
All employees	1,000	119	110	104	109
Production workers	1,000	91	83	79	83
Avg. weekly earnings	Dol	356	380	406	441
Avg. hourly earnings	Dol	8.28	8.90	9.31	9.86
Average weekly hours	No	43.0	42.7	43.6	44.7

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings, United States 1909–1984,* and *Supplement to Employment and Earnings, Revised Establishment Data,* June 1985.

NO. 1242. SELECTED MINERAL PRODUCTS—AVERAGE PRICES: 1965 TO 1984

[Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970,* series M 96, M 139, M 209, M 248, and M 262, for bituminous coal, crude petroleum, iron ore, lead, and aluminum, respectively]

YEAR	Tantalum (dol. per lb.) [1]	Copper, electrolytic [2] (cents per lb.)	Platinum [3] (dol./troy oz.)	Gold (dol./fine oz.)	Silver (dol./fine oz.)	Lead [4] (cents per lb.)	Tin (New York) [5] (cents per lb.)	Zinc [6] (cents per lb.)	Sulfur, crude [7] (dol./long ton)	Bituminous coal [8] (dol./short ton)	Crude petroleum [8] (dol./bbl.)	Natural gas [5] (dol./thous. cu. ft.)
1965	10.26	35.4	100	35	1.29	16.0	178.2	14.5	22.12	4.44	2.86	.16
1970	9.15	58.2	133	36	1.77	15.7	174.2	15.3	22.77	6.26	3.18	.17
1971	8.26	52.0	121	41	1.55	13.9	167.3	16.1	17.19	7.07	3.39	.18
1972	8.09	51.2	121	59	1.69	15.0	177.5	17.8	16.76	7.66	3.39	.19
1973	8.00	59.5	150	98	2.56	16.3	227.6	20.7	17.56	8.53	3.89	.22
1974	14.13	77.3	181	160	4.71	22.5	396.3	36.0	28.42	15.75	6.87	.30
1975	18.32	64.2	164	161	4.42	21.5	339.8	39.0	44.91	19.23	7.67	.45
1976	20.31	69.6	162	125	4.35	23.1	379.8	37.1	45.72	19.43	8.19	.58
1977	25.64	66.8	162	148	4.62	30.7	534.6	34.4	44.38	19.82	8.57	.79
1978	34.19	66.5	237	194	5.40	33.7	629.6	31.0	[9] 45.17	21.78	9.00	.91
1979	80.00	93.3	352	308	11.09	52.6	753.9	37.3	[9] 55.75	23.65	12.64	1.18
1980	103.50	101.3	439	613	20.63	42.5	846.0	37.4	[9] 89.06	24.52	21.59	1.59
1981	81.50	84.2	475	460	10.52	36.5	733.0	44.6	[9] 111.48	26.29	31.77	1.98
1982	40.91	72.8	475	376	7.95	25.5	654.0	38.5	[9] 108.27	27.14	28.52	2.46
1983	25.06	76.5	475	424	11.44	21.7	655.0	41.4	[9] 87.24	25.85	26.19	2.59
1984	30.70	66.2	475	361	8.14	25.6	623.8	48.6	[9] 94.31	27.00	25.88	2.60

NA Not available. [1] Dollars per pound of tantalum content. [2] Domestic market. [3] Average annual producer prices. [4] 1965–1971, New York prices; beginning 1972, nationwide delivered basis. [5] Straits tin through 1975; thereafter, composite price. [6] Prime western. Beginning 1971, delivered price. [7] F.O.B. works. [8] Average value at the point of production. Source: U.S. Energy Information Administration, *Annual Energy Review* and *Monthly Energy Review.* [9] Per metric ton.

Source: Except as noted, U.S. Bureau of Mines, *Mineral Facts and Problems,* 1980 edition, and *Mineral Commodity Summaries,* annual.

No. 1243. Principal Fuels, Nonmetals, and Metals—U.S. Production as Percent of World Production: 1970 to 1983

Mineral	Unit	World production						Percent U.S. of world					
		1970	1975	1980	1981	1982	1983, prel.	1970	1975	1980	1981	1982	1983, prel.
Fuels: [1]													
Coal	Bil. sh. ton	3.3	3.7	4.2	4.2	4.4	4.4	16	18	20	19	19	18
Petroleum (crude)	Bil. bbl	16.7	19.3	21.8	20.4	19.4	19.3	21	16	14	15	16	16
Natural gas (dry, marketable)	Tril. cu. ft.	37.7	44.1	53.3	54.7	54.2	54.5	58	43	36	35	33	29
Natural gas plant liquids	Bil. bbl	(NA)	1.1	1.3	1.4	1.4	1.4	(NA)	57	44	42	41	40
Nonmetals:													
Asbestos	Mil. metric ton	3.5	4.1	4.7	4.3	4.1	4.2	3	2	2	2	2	2
Barite	Mil. sh. ton	4.3	5.4	8.3	9.0	8.3	6.3	20	25	27	31	22	12
Feldspar	Mil. sh. ton	2.8	2.9	3.5	3.6	3.7	3.8	26	23	20	19	16	18
Fluorspar	Mil. sh. ton	4.6	5.0	5.3	5.3	4.7	4.7	4	3	2	2	2	1
Gypsum	Mil. sh. ton	56.9	65.3	86.5	83.9	79.0	85.8	17	15	14	14	13	15
Mica (incl. scrap)	1,000 sh. ton	180	250	251	263	237	267	66	54	46	51	45	52
Nitrogen, agricultural [2]	Mil. sh. ton	33.4	46.7	61.4	64.5	63.6	65.4	25	20	20	19	16	13
Phosphate rock	Mil. metric ton	84.9	107.5	139.2	138.2	122.2	135.0	41	41	39	39	31	32
Potash (K_2O equiv.)	Mil. metric ton	18.2	24.7	27.9	27.1	24.7	26.7	14	9	8	8	7	5
Sulfur, elemental	Mil. metric ton	41.9	50.7	54.9	53.4	50.8	50.5	23	23	22	23	19	18
Metals, mine basis:													
Bauxite	Mil. metric ton	57.8	74.8	89.2	85.5	77.8	76.0	4	2	2	2	1	1
Columbian-tantalum concentrates (gross weight)	Mil. lb	45.1	44.1	80.7	78.4	56.3	45.8	–	–	(NA)	(NA)	(NA)	–
Copper [3]	Mil. metric ton	6.0	7.0	7.7	8.2	8.1	8.0	26	18	15	19	14	13
Gold	Mil. troy oz	47.5	38.5	39.2	41.2	43.1	44.5	4	3	2	3	3	4
Iron ore	Mil. lg. ton	754	902	877	842	769	730	12	9	8	9	5	5
Lead [3]	Mil. metric ton	3.4	3.4	3.4	3.3	3.4	3.3	15	16	16	13	15	14
Mercury	1,000 flask [4]	284	252	197	211	198	188	10	3	16	13	13	13
Molybdenum [3]	Mil. lb	181	177	242	241	207	138	61	60	62	58	41	25
Nickel [5]	1,000 sh. ton	693	868	858	803	705	759	2	2	2	2	(Z)	–
Silver	Mil. troy oz	301	298	344	362	384	391	15	12	9	11	10	11
Titanium concentrates: Ilmenite	Mil. sh. ton	[6] 4.0	3.2	4.1	4.0	3.3	2.9	23	22	14	13	8	(NA)
Tungsten	Mil. lb	71.4	84.5	114.4	108.0	99.9	85.7	13	7	5	7	3	3
Uranium oxide (U_3O_8) [3]	1,000 sh. ton	24	27	(NA)	(NA)	(NA)	(NA)	53	43	(NA)	(NA)	(NA)	(NA)
Vanadium [3]	1,000 sh. ton	19.9	23.2	36.3	38.8	35.9	30.1	26	20	13	13	11	7
Zinc [3]	Mil. metric ton	5.5	5.9	6.0	5.8	6.2	6.2	9	7	5	5	5	4
Metals, smelter basis:													
Aluminum	Mil. sh. ton	10.6	13.4	16.9	16.6	14.8	15.3	37	29	30	30	24	24
Cadmium	Mil. lb	36.5	33.9	40.2	38.3	36.3	38.0	26	13	9	9	6	6
Copper	Mil. metric ton	6.1	7.3	7.9	8.3	8.3	8.3	24	18	13	12	12	12
Iron, pig (incl. ferroalloys)	Mil. sh. ton	474	529	565	552	502	505	19	15	12	13	9	10
Lead	Mil. metric ton	3.3	4.5	5.4	5.3	5.3	5.2	18	17	23	21	21	19
Magnesium	1,000 sh. ton	242	258	348	336	273	291	45	47	49	46	37	40
Steel ingots and castings	Mil. sh. ton	655	713	787	777	707	724	20	16	14	16	11	12
Tin	1,000 m. ton [6]	227	228	249	248	239	222	(NA)	3	1	1	1	1
Zinc	Mil. metric ton	4.8	5.0	6.0	6.1	5.9	6.2	18	9	6	6	5	5

– Represents zero. NA Not available. Z Less than .5 percent. [1] Source: Beginning 1975, *Energy Information Administration, International Energy Annual.* See table 1249 for production by world region. [2] Through 1975, for years ending June 30; thereafter as of September 30. U.S. production includes Puerto Rico. [3] Content of ore and concentrate. [4] 76-lb. flasks. [5] Excludes Soviet Union. [6] Metric tons.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook,* annual.

No. 1244. Federal Strategic and Critical Materials Inventory: 1980 to 1984

[As of **Dec. 31.** Covers strategic and critical materials essential to military and industrial requirements in time of national emergency. Market values are estimated current trade values of similar materials and not necessarily amounts that would be realized at time of sale]

Mineral	Unit	Quantity [1]					Value (mil. dol.)				
		1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
Tin	1,000 lg. ton	200	197	191	186	186	3,158	3,344	2,503	2,559	2,335
Silver	1,000 troy oz	139,500	137,506	137,506	137,506	136,506	2,288	1,097	1,423	1,651	996
Cobalt	Mil. lb	41	41	46	46	46	1,020	747	572	575	508
Bauxite [2]	1,000 lg. ton	14,333	14,333	15,958	15,958	15,954	583	666	733	775	779
Manganese [3]	1,000 sh. ton	3,495	4,837	4,775	4,447	4,361	540	579	556	509	506
Tungsten [4]	Mil. lb	62	93	92	92	88	533	713	493	485	505
Zinc	1,000 sh. ton	376	378	378	378	378	313	338	293	351	343
Titanium	1,000 sh. ton	21	32	32	32	32	301	459	353	353	386
Platinum	1,000 troy oz	440	453	453	453	453	209	215	215	194	147
Chromium [5]	1,000 sh. ton	763	784	784	784	784	747	788	784	728	798
Diamond:											
Stones	Carat	19,224	17,748	17,024	15,536	14,047	349	399	400	379	357
Industrial, bort	Carat	23,693	23,693	22,193	22,193	22,001	73	53	39	39	39

[1] Consists of stockpile and nonstockpile grades and reflects uncommitted balances. [2] Consists of abrasive grade, metallic grade Jamaica, metallic grade Suriname, and refractory. [3] Consists of chemical grade, dioxide battery natural, dioxide battery synthetic, electrolytic, ferro-high carbon, ferro-med. carbon, ferro-silicon, and metal. [4] Consists of carbide powder, ferro, metal powder, and ores and concentrates. [5] Consists of ferro-high carbon, ferro-low carbon, ferro-silicon, and metal.

Source: U.S. General Services Administration, *Statistical Supplement, Stockpile Report to the Congress* (AP-3).

No. 1245. Selected Mineral and Metal Products—Quantity and Value of Imports and Exports: 1980 to 1984

[Imports represent imports for consumption. Exports include shipments under foreign aid programs. Includes trade of Puerto Rico with foreign countries]

PRODUCT	Unit	QUANTITY 1980	1981	1982	1983	1984	VALUE (mil. dol.) 1980	1981	1982	1983	1984
IMPORTS											
Petroleum (crude) [1]	Mil. bbl	1,975	1,751	1,417	1,283	1,317	61,899	61,458	45,724	36,492	37,859
Gem stones: Diamonds	Mil. carat	4.2	4.4	4.6	6.3	8.2	2,251	2,201	1,918	2,275	2,906
Ores and concentrates:											
Chromium (Cr_2O_3 content)	1,000 sh. ton	410	368	209	86	134	57	50	30	10	15
Copper	1,000 sh. ton	58	43	130	100	12	73	57	141	82	10
Iron	Mil. lg. ton	25.1	26.3	14.5	13.2	17.2	773	948	471	446	529
Tungsten	Mil. lb	11.4	11.8	7.8	6.3	12.8	87	91	47	26	52
Metals:											
Aluminum	1,000 sh. ton	581	711	679	819	972	778	991	858	1,021	1,293
Cobalt	Mil. lb	15.0	13.9	11.6	15.9	23.3	359	239	138	110	203
Copper refined ingots, etc	1,000 sh. ton	471	364	285	507	490	935	582	395	701	621
Gold (bullion)	Mil. troy oz	4.1	4.2	4.2	3.6	6.0	2,507	1,943	1,651	1,576	2,294
Iron and steel products (maj.)	Mil. sh. ton	16.2	20.7	17.3	17.8	27.3	7,713	11,202	10,290	7,129	11,356
Platinum group [2]	Mil. troy oz	3.5	2.8	2.5	3.2	4.5	1,177	800	554	753	1,118
Silver (bullion)	Mil. troy oz	64.9	75.9	96.9	161.2	93.5	1,332	837	786	1,926	785
Zinc: Blocks, pigs, slabs	1,000 sh. ton	452	675	503	681	705	319	549	371	504	636
EXPORTS											
Fuels: [1]											
Bituminous coal	Mil. sh. ton	89.9	110.2	105.2	76.9	80.8	4,523	5,809	5,938	4,008	4,090
Petroleum (crude)	Mil. bbl	30.6	16.4	13.1	6.8	5.8	751	577	469	224	185
Nonmetallic minerals:											
Gem stones: Diamonds	Mil. carat	1.3	3.2	2.7	2.5	2.3	1,041	854	639	622	575
Nitrogen compounds (maj.)	Mil. sh. ton	11.1	8.4	7.8	7.5	10.4	1,842	1,398	1,179	1,050	1,635
Phosphatic fertilizers [3]	Mil. sh. ton	7.2	6.0	5.4	6.6	8.2	1,383	1,035	837	895	1,350
Metals:											
Aluminum: Ingots, slabs, crude	1,000 sh. ton	715	344	401	398	286	1,107	527	476	534	397
Plates, sheets, bars, etc	1,000 sh. ton	306	264	194	179	219	716	625	440	389	497
Gold (refined bullion)	Mil. troy oz	4.7	5.2	1.6	1.9	3.5	2,787	2,501	591	825	1,285
Iron and steel prods. (maj.)	Mil. sh. ton	4.5	3.3	2.2	1.4	1.2	3,504	3,414	2,515	1,609	1,418
Magnesium [4]	1,000 sh. ton	56.8	34.9	39.6	46.7	48.3	128	91	105	125	137
Molybdenum [5]	1,000 lb	614	2,641	697	577	306	5	10	2	2	1
Silver (refined bullion)	Mil. troy oz	57.2	15.1	12.9	13.7	10.3	1,327	181	106	169	86
Scrap exports:											
Aluminum	1,000 sh. ton	445	241	214	262	285	483	236	158	249	276
Iron and steel	Mil. sh. ton	11.4	8.5	6.9	7.8	9.8	1,257	653	623	651	936

[1] Source: U.S. Bureau of the Census, *U.S. Imports for Consumption and General Imports, TSUSA Commodity and Country*, FT 246, annual; and *U.S. Exports, Schedule B Commodity and Country*, FT 446, monthly. [2] Unwrought and semimanufactured. [3] Superphosphates and ammonium phosphates. [4] Metal and alloys, scrap, semimanufactured forms. [5] Metals and alloys, crude and scrap.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1246. Mineral Industries—Lost Workday Injuries and Fatalities: 1980 to 1983

[Excludes office workers. Lost workday injuries are nonfatal occurrences that result in days away from work, days of restricted work activity or a permanent disability. See also *Historical Statistics, Colonial Times to 1970*, series M 271-286]

ITEM	1980	1981	1982	1983
Coal mining:				
Injuries, total	18,822	15,638	14,337	9,545
Fatal	133	153	122	70
Percent of total	.7	1.0	.9	.7
Rate per million work-hours:				
Fatal	.3	.4	.3	.2
Nonfatal	43	38	36	29
Fatalities per 1,000 employed [1]	.55	.64	.53	.37
Quarrying and related industries: [2]				
Injuries, total	3,551	2,527	925	2,035
Fatal	42	19	10	16
Percent of total	1.2	.8	1.1	.8
Quarrying and related industries—Con.				
Rate per million work-hours:				
Fatal	.3	.1	.1	.1
Nonfatal	21	17	14	16
Fatalities per 1,000 employed [1]	.5	.2	.1	.2
Metal and nonmetal mining: [3]				
Injuries, total	6,923	6,376	3,184	2,551
Fatal	46	56	35	22
Percent of total	.7	.9	1.1	.9
Rate per million work-hours:				
Fatal	.2	.2	.2	.2
Nonfatal	28	24	19	18
Fatalities per 1,000 employed [1]	.3	.4	.4	.3

[1] Average number of persons at work each day mines were active. [2] Includes manufacture of cement. [3] Nonmetal mines exclude extraction of Frasch process sulfur.

Source: U.S. Mine Safety and Health Administration, Denver, CO, unpublished data.

No. 1247. Net U.S. Imports of Selected Minerals and Metals as Percent of Apparent Consumption, 1970 to 1984, and by Major Foreign Sources, 1980–1983

[In percent. Figures based on net imports which equal the difference between imports and exports plus or minus government stockpile and industry stock changes]

Mineral	1970	1979	1980	1981	1982	1983	1984	Rank of major foreign sources, 1980–1983
Columbium	100	100	100	100	100	100	100	Brazil, Canada, Thailand.
Mica (sheet)	100	100	100	100	100	100	100	India, Belgium, France.
Strontium	100	100	100	100	100	100	100	Mexico, Spain.
Manganese	95	98	98	98	99	99	99	**Ore:** Rep. of So. Africa, Gabon, Australia.
Bauxite [1]	88	93	94	94	96	96	96	**Bauxite:** Jamaica, Guinea, Suriname; **Alumina:** Australia, Jamaica, Suriname.
Cobalt	98	94	93	92	92	95	95	Zaire, Zambia, Canada.
Tantalum	96	96	90	92	92	97	94	Thailand, Malaysia, Brazil.
Platinum group	78	89	88	84	81	90	91	Rep. of So. Africa, United Kingdom, Soviet Union.
Chromium	89	90	91	90	85	76	82	Rep. of So. Africa, Zimbabwe, Soviet Union.
Tin	81	80	79	77	68	73	79	Malaysia, Thailand, Bolivia, Indonesia.
Asbestos	83	83	78	78	74	68	75	Canada, Rep. of So. Africa.
Nickel	71	69	71	75	76	75	74	Canada, Australia, Norway.
Potassium	42	66	65	65	65	75	74	Canada, Israel.
Titanium [2]	24	39	32	52	74	(D)	(D)	Australia, Canada, Rep. of So. Africa.
Tungsten	50	58	53	50	42	52	71	Canada, China, Bolivia.
Zinc	54	63	60	64	58	65	67	**Ore:** Canada, Peru, Mexico; **Metal:** Canada, Peru, Mexico.
Barium	45	37	44	40	55	65	64	Canada, Morocco, Chile.
Silver	26	42	7	53	55	61	61	Canada, Mexico, Peru.
Antimony	40	53	48	48	50	54	(D)	**Metal:** Bolivia, China, Belgium-Luxembourg; **Ore:** Bolivia, Mexico, Canada.
Mercury	41	59	26	44	31	30	60	Spain, Japan, Mexico.
Cadmium	7	64	55	63	73	72	56	Canada, Australia, Mexico.
Selenium	11	28	59	45	55	39	51	Canada, United Kingdom, Japan.
Vanadium	21	28	35	34	24	26	41	Rep. of So. Africa, Canada, Finland.
Gypsum	39	35	35	37	36	40	38	Canada, Mexico, Spain.
Petroleum [3 4]	22	43	37	34	28	28	30	Mexico, Canada, Venezuela.
Iron and steel	4	12	15	13	20	16	23	Japan, Europe, Canada.
Copper	(5)	12	14	6	1	19	21	Chile, Canada, Mexico.
Iron ore	30	25	25	22	34	37	19	Canada, Venezuela, Liberia.
Sulfur	(5)	11	14	5	4	15	17	Canada, Mexico.
Gold	59	50	18	15	32	19	16	Canada, Switzerland, Uruguay.
Aluminum	(5)	4	(5)	(5)	7	17	9	Canada, Ghana, Japan.
Natural gas [4]	4	6	5	4	5	5	5	Canada, Algeria, Mexico.

D Withheld to avoid disclosure. [1] Includes alumina. [2] Ilmenite. [3] Includes crude and products. [4] Source: Beginning 1979, Energy Information Administration: *Annual Energy Review.* [5] Net exports.

Source: Except as noted, U.S. Bureau of Mines, *Mineral Commodity Summaries;* import and export data from U.S. Bureau of the Census.

No. 1248. Petroleum Industry—Summary: 1950 to 1984

Year	Crude oil producing wells: Total (Dec. 31) (1,000)	Crude oil producing wells: Daily output per well (bbl.)	Completed wells drilled (1,000): Total	Crude oil	Gas	Dry	Crude oil production: Total (mil. bbl.)	Value at wells (bil. dol.)	Avg. price per bbl. (dol.)	Imports, (mil. bbl.): Crude oil	Refined petroleum products	Operable refineries (mil. bbl.): Capacity (Jan. 1)	Output
1950	466	11.8	42	24	3	15	1,974	5.0	2.51	178	133	2,271	2,197
1955	524	13.2	55	30	4	20	2,484	6.9	2.77	265	170	3,061	2,880
1960	591	12.0	46	22	5	18	2,575	7.4	2.88	372	293	3,593	3,195
1965	589	13.3	39	16	4	16	2,849	8.2	2.86	452	449	3,803	3,639
1970	531	18.0	28	13	4	11	3,517	11.2	3.18	483	765	4,388	4,421
1971	517	18.1	26	12	4	10	3,454	11.7	3.39	613	819	4,694	4,562
1972	508	18.4	28	11	5	11	3,455	11.7	3.39	811	924	4,865	4,787
1973	497	18.3	28	10	7	10	3,361	13.1	3.89	1,184	1,099	4,979	5,057
1974	498	17.6	33	14	7	12	3,203	22.0	6.87	1,269	962	5,242	4,927
1975	500	16.8	39	17	8	14	3,057	23.5	7.67	1,498	712	5,461	4,995
1976	499	16.3	41	18	9	14	2,976	24.4	8.19	1,935	741	5,577	5,372
1977	507	16.4	46	19	12	15	3,009	25.8	8.57	2,414	800	5,985	5,794
1978	517	17.0	50	19	14	17	3,178	28.6	9.00	2,320	733	6,222	5,828
1979	531	16.3	52	21	15	16	3,121	39.5	12.64	2,380	707	6,366	5,753
1980	548	15.9	70	32	17	20	3,146	67.9	21.59	1,926	603	6,584	5,352
1981	557	15.4	90	43	20	27	3,129	99.4	31.77	1,605	584	6,796	5,106
1982	580	14.9	84	39	19	27	3,157	90.0	28.52	1,273	593	6,530	4,888
1983	603	14.4	74	37	14	23	3,171	83.1	26.19	1,215	629	6,154	4,795
1984, prel	616	14.2	82	42	16	25	3,171	82.9	25.87	1,245	724	5,906	5,014

Source: U.S. Energy Information Administration, *Annual Energy Review* and *Petroleum Supply Annual.*

No. 1249. Crude Oil, Natural Gas, and Coal—World Production, by Region: 1973 to 1983

Fuel and region	Production										Percent distribution		
	1973	1975	1976	1977	1978	1979	1980	1981	1982	1983	1973	1980	1983
Crude oil (mil. bbl.)													
World	20,321	19,301	20,976	21,785	21,921	22,825	21,791	20,405	19,512	19,338	100.0	100.0	100.0
United States	3,361	3,057	2,976	3,009	3,178	3,121	3,147	3,129	3,157	3,171	16.5	14.4	16.4
Other W. Hemisphere	2,531	2,090	2,082	2,135	2,217	2,468	2,569	2,648	2,765	2,746	12.5	11.8	14.2
Western Europe	164	218	335	518	663	860	926	987	1,104	1,240	.8	4.2	6.4
Africa	2,149	1,812	2,126	2,273	2,178	2,381	2,207	1,670	1,626	1,615	10.6	10.1	8.4
Middle East	7,689	7,126	8,072	8,123	7,702	7,869	6,737	5,742	4,614	4,237	37.8	30.9	21.9
Far East and Oceania	1,196	1,340	1,525	1,682	1,760	1,816	1,774	1,760	1,709	1,801	5.9	8.1	9.3
Eastern Europe and U.S.S.R.	3,232	3,659	3,858	4,045	4,223	4,311	4,431	4,469	4,537	4,528	15.9	20.3	23.4
Natural gas (dry) (tril. cu. ft.)													
World	43.18	44.12	46.12	47.31	48.73	51.87	53.60	54.22	53.73	54.22	100.0	100.0	100.0
United States	21.73	19.24	19.10	19.16	19.12	19.66	19.40	19.18	17.76	16.03	50.3	36.4	29.6
Other W. Hemisphere	4.10	4.03	4.07	4.32	4.60	4.98	5.04	4.81	4.93	5.02	9.5	9.4	9.3
Western Europe	5.15	6.07	6.46	6.01	5.79	6.44	7.07	6.89	6.26	6.49	11.9	13.1	12.0
Africa	.32	.37	.47	.42	.90	.83	.87	.89	1.19	1.54	.7	1.6	2.8
Middle East	.98	1.19	1.26	1.41	1.38	1.58	1.41	1.36	1.15	1.29	2.3	2.6	2.4
Far East and Oceania	.92	1.27	1.48	1.73	1.84	2.06	2.48	2.60	2.65	2.85	2.1	4.6	5.3
Eastern Europe and U.S.S.R.	9.96	11.95	13.27	14.26	15.11	16.32	17.34	18.49	19.78	20.99	23.1	32.2	38.7
Coal (mil. sh. ton)													
World	3,447	3,673	3,772	3,840	3,921	4,121	4,197	4,228	4,389	4,346	100.0	100.0	100.0
United States	599	655	685	697	670	781	830	824	838	782	17.4	19.8	18.0
Other W. Hemisphere	36	43	44	49	51	57	64	66	72	75	1.0	1.5	1.7
Western Europe	508	509	518	508	509	529	543	562	579	564	14.7	12.9	13.0
Africa	75	82	91	100	105	120	133	149	157	169	2.2	3.2	3.9
Middle East, Far East and Oceania	800	890	921	942	1,026	1,063	1,061	1,098	1,148	1,146	23.2	25.3	26.4
Eastern Europe and U.S.S.R.	1,431	1,494	1,513	1,546	1,560	1,571	1,566	1,529	1,593	1,610	41.5	37.3	37.0

Source: U.S. Energy Information Administration, *International Energy Annual* and *Monthly Energy Review*.

No. 1250. Fuel Consumption, by Type of Use: 1970 to 1984

Fuel and use	Unit	Consumption								Percent			
		1970	1975	1979	1980	1981	1982	1983	1984 [1]	1970	1980	1983	1984 [1]
Petroleum [2]	Mil. bbl	5,364	5,958	6,757	6,242	5,861	5,583	5,559	5,749	100	100	100	100
Fuel use [3]	Mil. bbl	4,787	5,299	5,918	5,455	5,109	4,889	4,871	5,014	89	87	88	87
Nonfuel use [3]	Mil. bbl	578	659	839	788	752	694	688	735	11	13	12	13
Residential [4]	Mil. bbl	797	710	630	555	487	454	441	464	15	9	8	8
Industrial	Mil. bbl	1,394	1,475	1,952	1,772	1,563	1,482	1,436	1,520	26	28	26	26
Transportation	Mil. bbl	2,835	3,266	3,650	3,494	3,460	3,396	3,435	3,559	53	56	62	62
Electrical generation	Mil. bbl	339	506	525	421	352	251	247	206	6	7	4	4
Natural gas (dry)	Bil. cu. ft	21,139	19,538	20,241	19,877	19,404	18,001	16,835	17,645	100	100	100	100
Fuel use [3]	Bil. cu. ft	(NA)	19,008	19,646	19,288	18,858	17,510	16,353	17,115	(NA)	97	97	97
Nonfuel use [3]	Bil. cu. ft	(NA)	530	595	589	546	491	482	530	(NA)	3	3	3
Residential [4]	Bil. cu. ft	7,236	7,432	7,751	7,363	7,066	7,239	6,813	7,206	34	37	40	38
Industrial [5]	Bil. cu. ft	7,851	6,968	6,899	7,172	7,128	5,831	5,643	5,757	37	36	34	35
Pipeline fuel	Bil. cu. ft	722	583	601	635	642	596	490	515	3	3	3	3
Electrical generation	Bil. cu. ft	3,932	3,158	3,491	3,682	3,640	3,226	2,911	3,111	19	19	17	18
Lease and plant fuel	Bil. cu. ft	1,399	1,396	1,499	1,026	928	1,109	978	1,052	7	5	6	6
Coal [6]	Mil. sh. ton	523	563	681	703	733	707	737	793	100	100	100	100
Fuel use [3]	Mil. sh. ton	518	563	677	700	730	705	735	791	99	100	100	100
Nonfuel use [3]	Mil. sh. ton	6	5	3	3	3	2	2	2	1	(Z)	(Z)	(Z)
Residential [4]	Mil. sh. ton	16	9	8	6	7	8	8	9	3	1	1	1
Industrial	Mil. sh. ton	187	147	145	127	128	105	103	119	36	18	14	15
Electrical generation	Mil. sh. ton	320	406	527	569	597	594	625	664	61	81	85	84

NA Not available. Z Less than .5 percent. [1] Preliminary. [2] Products refined and processed from crude oil, including still gas, liquefied refinery gas, and natural gas liquids. [3] Source: 1970 to 1979, U.S. Bureau of Mines, *United States Energy Through the Year 2000*, December 1972; and *Minerals Yearbook*. [4] Includes commercial. [5] Excludes lease and plant fuel. [6] Includes anthracite, bituminous, and lignite coals.

Source: Except as noted, U.S. Energy Information Administration, *Annual Energy Review*.

No. 1251. Crude Petroleum and Refined Products: 1973 to 1984

[**Barrels of 42 gallons.** See tables 972, 973 and 1060 for additional information. See also *Historical Statistics, Colonial Times to 1970*, series M 138-142, M 178, and M 181]

ITEM	Unit	1973	1975	1978	1979	1980	1981	1982	1983	1984
Crude petroleum:										
Domestic production	Mil. bbl	3,361	3,057	3,178	3,121	3,138	3,129	3,157	3,171	3,250
Value at wells	Bil. dol	13.1	23.4	26.6	39.5	66.9	99.4	90.0	83.0	82.9
Average price per barrel at wells	Dol	3.89	7.67	9.00	12.64	21.59	31.77	28.52	26.19	25.87
World production	Mil. bbl	20,561	19,301	21,921	22,825	21,791	20,404	19,512	19,338	19,660
U.S. proportion of world total	Percent	17	16	14	14	14	15	16	16	16
Imports	Mil. bbl	1,184	1,498	2,320	2,380	1,926	1,605	1,273	1,215	1,245
Value [1]	Mil. dol	4,231	18,374	32,140	46,100	62,014	61,940	45,862	36,809	37,945
Exports	Mil. bbl	1	2	58	86	105	83	86	60	66
Value [1]	Mil. dol	2,621	178	389	394	751	577	469	224	185
Stocks, Dec. 31	Mil. bbl	242	271	376	430	466	594	644	723	794
Proved reserves, Dec. 31 [2]	Mil. bbl	35,300	32,682	31,355	29,810	29,805	29,426	27,858	27,735	28,446
Refinery:										
Number of refineries	Number	273	276	308	319	324	301	258	247	223
Operable capacity (Dec. 31) [3]	Mil. bbl	5,242	5,577	6,366	6,584	6,796	6,530	6,154	5,906	5,731
Crude oil receipts at refineries	Mil. bbl	4,546	4,546	5,373	5,346	4,934	4,563	4,331	4,283	4,448
By pipeline: Domestic	Mil. bbl	2,905	2,662	2,418	2,329	2,275	2,343	2,401	2,419	2,442
Foreign	Mil. bbl	409	398	594	612	503	346	406	421	366
By water: Domestic	Mil. bbl	399	305	584	592	642	587	619	611	673
Foreign	Mil. bbl	775	1,101	1,683	1,722	1,406	1,184	817	735	857
By tank cars and trucks	Mil. bbl	58	80	94	108	121	103	89	96	110
Utilization rate [3] [4]	Percent	89.8	84.2	86.9	87.6	81.0	77.4	69.8	72.4	76.8
Refined products:										
Daily crude oil capacity [5]	Mil. bbl	14.4	15.2	17.0	18.0	18.6	17.9	16.9	16.1	15.7
Retail prices for leaded regular motor gasoline (U.S. city average)	Cents	[6] 38.8	56.7	62.6	85.7	119.1	131.1	122.2	115.7	112.9
Yield of gasoline	Percent	45.6	46.5	44.1	43.0	44.5	44.5	46.2	47.4	46.5
Imports	Mil. bbl	1,099	712	733	707	603	584	593	629	724
Value [1]	Mil. dol	3,318	6,751	6,844	9,752	11,502	13,328	13,200	15,166	19,752
Exports	Mil. bbl	84	74	74	86	94	134	211	210	198
Value [1]	Mil. dol	391	325	685	858	1,242	2,088	4,589	3,554	3,419
Stocks, Dec. 31	Mil. bbl	766	862	901	911	926	890	786	731	761

NA Not available. [1] Source: U.S. Bureau of the Census, *U.S. Exports, Schedule E Commodity by Country*, FT 135, monthly, and *U.S. Imports and Imports for Consumption, Schedule A Commodity by Country*, FT 410, monthly. [2] Source: 1973-1975 American Petroleum Institute, Washington, DC, thereafter, U.S. Energy Information Administration, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves*, annual. [3] Source: 1973-1980, U.S. Energy Information Administration, *Petroleum Refineries in the United States and U.S. Territories*, annual. [4] Annual crude oil runs as a percent of December 31 operable capacity. [5] Operating capacity. [6] Average dealer's net price per gallon (incl. tax) of regular grade full service gasoline. Data from Platt's Oilgram Price Service.

Source: Except as noted, through 1975, U.S. Bureau of Mines, *Minerals Yearbook*; thereafter, U.S. Energy Information Administration, *Monthly Energy Review*, *Annual Energy Review*, and *Petroleum Supply Annual*.

No. 1252. Petroleum—Runs to Stills and Refinery Products, by Product: 1973 to 1984

[**In millions of barrels, except percent.** Barrels of 42 gallons, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series M 162-177]

PRODUCT	1973	1975	1977	1978	1979	1980	1981	1982	1983	1984	PERCENT			
											1973	1980	1983	1984
Input	**4,890**	**4,827**	**5,602**	**5,646**	**5,561**	**5,133**	**4,921**	**4,694**	**4,617**	**4,804**	**100.0**	**100.0**	**100.0**	**100.0**
Crude petroleum	4,537	4,541	5,330	5,379	5,346	4,934	4,552	4,297	4,265	4,408	92.8	96.1	92.4	91.8
Natural gas liquids	297	259	245	233	186	169	191	188	168	183	6.1	3.3	3.6	3.8
Other [1]	56	27	27	34	29	30	178	209	184	213	1.1	.6	4.0	4.4
Output	**5,057**	**4,995**	**5,794**	**5,828**	**5,753**	**5,352**	**5,106**	**4,888**	**4,795**	**5,007**	**100.0**	**100.0**	**100.0**	**100.0**
Gasoline (motor)	2,399	2,393	2,566	2,630	2,508	2,388	2,336	2,313	2,313	2,362	47.4	44.6	48.2	47.2
Distillate fuel oil	1,029	968	1,196	1,156	1,151	974	954	951	897	981	20.3	18.2	18.7	19.6
Residual fuel oil	354	451	640	609	616	578	482	390	311	326	7.0	10.8	6.5	6.5
Jet fuel	314	318	355	354	369	366	353	357	373	414	6.2	6.8	7.8	8.3
Petrochemical feedstocks	133	122	193	223	252	254	220	160	153	129	2.6	4.7	3.2	2.6
Still gas for fuel [2]	177	175	191	200	205	197	199	195	192	205	3.5	3.7	4.0	4.1
Asphalt and road oil [3]	175	149	157	176	170	144	124	120	136	141	3.5	2.6	2.9	2.8
Coke (5 bbl.=1 sh. ton)	132	129	135	135	137	135	142	150	153	161	2.6	2.5	3.2	3.2
Liquefied refinery gases	128	109	122	125	121	119	115	99	120	133	2.5	2.2	2.5	2.7
Kerosene	79	55	62	56	67	50	44	42	40	42	1.6	.9	.8	.8
Other finished products	137	126	177	164	157	145	137	111	107	113	2.7	2.8	2.2	2.3
Processing gains	−165	−168	−191	−181	−192	−219	−185	−194	−178	−203	(X)	(X)	(X)	(X)

X Not applicable. [1] Includes unfinished oil rerun net, blending components, other hydocarbons and alcohol. [2] 1 barrel=3,600 cu. ft. [3] 5.5 barrels=1 sh. ton.

Source: U.S. Energy Information Administration, *Petroleum Supply Annual*.

No. 1253. Crude Petroleum and Natural Gas—Wells Drilled, Footage, and Drilling Cost, by Type of Well: 1970 to 1983

[Includes all costs incurred for drilling and equipping wells to point of completion as productive wells or abandonment after drilling becomes unproductive. Based on sample of operators of different size drilling establishments]

Year	Wells drilled		Footage drilled (mil. ft.)	Drilling cost (mil. dol.)		Average depth per well (ft.)	Average cost per well ($1,000)		Average cost per ft. (dol.)
	Total	Offshore		Total	Offshore		Total	Offshore	
Wells, total:									
1970	27,177	1,058	136.9	2,579	599	5,037	95	566	18.84
1975	36,960	1,028	177.6	6,571	1,174	4,806	178	1,142	36.99
1980	62,011	1,272	296.0	22,800	3,846	4,773	368	3,024	77.02
1981	80,816	1,476	388.8	36,665	5,551	4,811	454	3,761	94.30
1982	76,652	1,464	362.6	39,428	6,154	4,731	514	4,203	108.73
1983	67,536	1,270	301.2	25,105	4,961	4,460	372	3,906	83.34
Oil wells:									
1970	12,547	533	56.4	1,088	282	4,496	87	528	19.29
1975	16,276	283	66.1	2,257	253	4,059	139	892	34.15
1980	28,553	317	117.1	7,768	844	4,099	272	2,663	66.36
1981	38,725	415	162.0	13,023	1,074	4,183	336	2,589	80.40
1982	35,865	486	144.3	12,459	1,563	4,024	347	3,217	86.34
1983	33,485	459	130.8	9,504	1,499	3,907	284	3,266	72.65
Gas wells:									
1970	3,844	193	23.1	618	139	6,007	161	720	26.75
1975	7,654	271	43.4	2,005	338	5,667	262	1,247	46.23
1980	15,225	444	85.8	8,167	1,446	5,636	536	3,256	95.16
1981	17,533	515	100.3	12,248	2,122	5,718	699	4,121	122.17
1982	17,052	442	100.8	14,738	2,165	5,912	864	4,898	146.20
1983	12,919	293	72.5	7,856	1,213	5,611	608	4,140	108.37
Dry holes:									
1970	10,786	332	57.4	873	178	5,320	81	536	15.21
1975	13,030	474	68.2	2,309	584	5,234	177	1,232	33.86
1980	18,233	511	93.1	6,865	1,556	5,108	377	3,046	73.70
1981	24,558	546	126.6	11,395	2,354	5,154	464	4,312	90.03
1982	23,735	536	117.5	12,232	2,425	4,951	515	4,525	104.09
1983	21,132	518	97.9	7,745	2,249	4,633	367	4,341	79.10

Source: American Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oil and Gas Association, *Joint Association Survey on Drilling Costs*, annual.

No. 1254. Federal Offshore Leasing, Exploration, Production and Revenue: 1954 to 1984

[See source for explanation of terms and for reliability statement]

Leasing	Unit	1954–1964	1965–1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Tracts offered	Number	2,251	4,478	536	358	586	666	483	1,398	1,410	21,689	27,326
Tracts leased	Number	1,026	1,679	246	211	249	351	218	430	357	1,251	1,360
Acres offered	1,000	9,742	19,336	2,827	1,843	3,141	3,412	2,563	7,680	7,637	120,054	151,236
Acres leased	1,000	4,623	7,946	1,278	1,101	1,297	1,767	1,134	2,265	1,886	6,588	7,261
Bonus paid for leased tracts	Mil. dol	1,184	14,697	2,243	1,569	1,767	5,079	4,205	6,612	3,987	5,749	3,862
EXPLORATION AND DEVELOPMENT												
New wells being drilled:												
Active	Number	583	1,048	97	169	117	175	191	173	166	134	(NA)
Suspended	Number	651	1,753	362	496	486	603	739	724	701	597	(NA)
Wells completed	Number	18,995	56,662	6,461	7,914	8,433	8,964	9,638	10,308	11,164	11,990	(NA)
Wells plugged and abandoned	Number	7,096	37,794	6,088	6,610	7,133	7,576	8,057	8,704	8,913	9,374	(NA)
Other wells	Number	102	6,273	1,117	–	–	–	–	–	–	–	(NA)
REVENUE AND PRODUCTION												
Revenue, total [1]	Mil. dol	1,628	18,234	2,968	2,510	2,941	6,617	6,363	9,924	7,823	9,160	(NA)
Bonuses	Mil. dol	1,184	14,697	2,243	1,569	1,767	5,079	4,205	6,612	3,987	5,749	(NA)
Oil and gas royalties [1]	Mil. dol	382	3,309	680	890	1,139	1,512	2,133	3,287	3,815	3,376	(NA)
Rentals	Mil. dol	53	103	23	20	22	20	19	22	20	32	(NA)
Production, value [2]	Mil. dol	2,198	21,021	4,402	5,774	7,097	9,273	13,056	20,200	22,573	21,034	(NA)
Crude oil	Mil. dol	1,554	13,034	2,336	2,434	2,628	2,874	4,784	8,844	8,929	8,935	(NA)
Condensate	Mil. dol	92	1,104	198	249	226	254	360	844	1,225	1,106	(NA)
Natural gas	Mil. dol	514	5,673	1,653	2,766	4,135	6,126	7,885	10,503	12,420	10,993	(NA)
Production: [2]												
Crude oil	Mil. bbls	499	3,167	294	277	270	262	259	263	284	304	(NA)
Condensate	Mil. bbls	30	247	22	27	22	23	19	27	37	36	(NA)
Natural gas	Tril. cu. ft.	2,867	24,738	3,596	3,738	4,385	4,673	4,641	4,850	4,680	3,940	(NA)

– Represents zero. NA Not available. [1] Includes condensate royalties. [2] Production value is value at time of production, not current value.

Source: U.S. Dept. of Interior, *Federal Offshore Statistics*, September 1984.

No. 1255. Petroleum Inventories at the Beginning of Peak Seasons: 1974 to 1984

FUEL	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Petroleum, total (Sept. 30)	Mil. bbls	1,114	1,147	1,192	1,304	1,263	1,309	1,447	1,476	1,414	1,485	1,513
	Days' supply [1]	68.3	72.7	71.4	73.4	69.9	74.5	89.8	95.0	94.9	96.9	96.8
Motor gasoline (Mar. 31)	Mil. bbls	220.3	248.7	239.1	262.2	259.6	240.1	282.8	232.4	198.1	182.7	202.1
	Days' supply [1]	36.6	40.0	36.3	38.8	37.4	33.8	43.9	36.6	31.9	29.0	32.2
Distillate fuel oil (Sept. 30)	Mil. bbls	208.3	220.8	232.3	252.8	220.7	220.4	232.4	207.3	161.2	154.0	142.9
	Days' supply [1]	89.3	102.8	98.1	96.1	82.9	83.0	100.1	85.5	71.4	63.0	55.6
Residual fuel oil (Sept. 30)	Mil. bbls	60.3	76.9	76.4	87.5	81.3	87.8	87.9	80.2	61.8	49.7	46.8
	Days' supply [1]	24.2	34.4	29.6	29.9	29.0	34.6	38.0	42.2	40.7	36.8	38.8

[1] Days' supply is derived by dividing inventories by previous three month average daily consumption (products supplied).
Source: U.S. Energy Information Administration, *Petroleum Supply Annual.*

No. 1256. U.S. Direct Investment and Income Abroad in Petroleum—Value, by Region and Country: 1980 to 1984

[In millions of dollars. Minus sign (–) indicates loss. See also *Historical Statistics, Colonial Times to 1970,* series U 41–46]

REGION AND COUNTRY	DIRECT INVESTMENT POSITION (at yearend)					INCOME				
	1980	1981	1982	1983	1984 [1]	1980	1981	1982	1983	1984 [1]
All areas	**47,591**	**53,244**	**56,810**	**60,330**	**63,319**	**13,181**	**13,330**	**10,227**	**9,548**	**10,065**
Developed countries	34,621	37,535	37,134	39,093	40,616	8,632	7,142	4,879	5,640	6,043
Canada	10,800	10,677	10,357	10,883	11,614	1,986	995	1,079	1,342	1,468
Europe	20,101	22,681	22,539	23,774	24,714	5,879	5,350	3,241	3,698	4,166
Japan	1,570	1,737	1,709	2,012	2,100	178	330	271	443	225
Australia, New Zealand, and South Africa	2,149	2,440	2,530	2,423	2,189	589	467	288	156	184
Developing countries	(D)	12,341	16,040	16,903	18,417	4,138	5,461	4,669	3,184	3,523
Latin America	4,380	4,831	6,677	6,944	5,940	961	1,081	1,046	658	–32
Other Africa	2,247	2,666	3,537	3,522	3,485	1,238	922	831	719	1,147
Middle East [2]	(D)	707	758	986	1,205	–338	1,019	535	–25	359
Other Asia and Pacific	2,777	4,138	5,068	5,450	6,787	2,277	2,438	2,257	1,831	2,050
International	(D)	3,368	3,636	4,334	4,285	412	727	679	925	499

D Withheld to avoid disclosure of individual company data. [1] Preliminary. [2] Includes Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Neutral Zone, Qatar, Saudi Arabia, South Yemen, Syria, Oman, United Arab Emirates, and Yemen. Data for 1980–1984, are based on the 1977 benchmark survey. See *Survey of Current Business,* August 1982.
Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* August 1985.

No. 1257. Foreign Direct Investment in Petroleum in the United States: 1975 to 1984

[In millions of dollars. Investment at yearend]

AREA	INVESTMENT						INCOME					
	1975	1980	1981	1982	1983,	1984, prel.	1975	1980	1981	1982	1983	1984, prel.
Total	**6,213**	**12,200**	**15,246**	**17,660**	**18,209**	**24,916**	**714**	**2,865**	**3,075**	**2,259**	**1,657**	**2,659**
Canada	596	1,817	1,801	1,550	1,391	1,419	57	141	25	–281	–222	–91
Europe [1]	5,478	10,137	12,854	15,071	16,326	22,897	596	2,607	2,893	2,501	2,109	2,804
United Kingdom	(D)	–257	–124	5,444	9,455	10,917	(D)	–16	–38	(D)	(D)	1,212
Netherlands	(D)	9,265	11,547	8,098	8,646	9,878	(D)	2,433	2,568	1,383	1,048	1,345
Japan	(D)	–232	–78	113	–408	–178	1	3	6	(Z)	–57	–28
Australia, New Zealand, and So. Africa	(Z)	(D)	38	22	67	43	–	(Z)	1	(D)	–1	–4
Latin America	101	413	618	906	829	695	60	113	149	30	–176	–24
Middle East	(D)	(Z)	(D)	14	14	15	(Z)	–	(Z)	(D)	3	1
Africa, [2] Asia, and Pacific	(D)	(D)	(D)	–16	–9	25	–1	(Z)	–	(D)	–	–

– Represents zero. D Withheld to avoid disclosure of individual company data. Z Less than $500,000.
[1] Includes countries not shown separately. [2] Excludes South Africa.
Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* August 1985, and earlier issues.

No. 1258. Liquefied Petroleum Gases—Summary: 1980 to 1984

[In millions of 42-gallon barrels. Includes ethane]

ITEM	1980	1982	1983	1984	ITEM	1980	1982	1983	1984
Production	**561**	**558**	**599**	**621**	**Consumption**	**538**	**547**	**551**	**576**
At natural gas plants	441	459	480	488	Ethane [1]	164	186	194	215
At refineries	121	99	120	133	Propane [1 2]	298	323	307	305
Imports	79	82	69	71	Butane (incl. isobutane) [2]	76	39	49	55
Refinery input	85	110	92	106	Stocks, Dec. 31	116	94	101	101
Exports	9	24	27	18					

[1] Reported consumption of ethane-propane mixtures have been allocated 70 percent ethane and 30 percent propane.
[2] Reported consumption of butane-propane mixtures have been allocated 60 percent butane and 40 percent propane.
Source: U.S. Energy Information Administration, *Petroleum Supply Annual.*

No. 1259. Crude Petroleum and Natural Gas—Production, by State: 1971 to 1984

[See *Historical Statistics, Colonial Times to 1970,* series M 138 and M 142 for petroleum production, and series M 147-161 for natural gas production]

State	Crude petroleum production (mil. bbl.)							Natural gas marketed production [1] (bil. cu. ft.)						
	1971–1975, avg.	1976–1980, avg.	1980	1981	1982	1983	1984	1971–1975, avg.	1976–1980, avg.	1980	1981	1982	1983	1984, prel.
Total	**3,306**	**3,085**	**3,147**	**3,129**	**3,157**	**3,171**	**3,250**	**21,876**	**20,161**	**20,154**	**19,960**	**18,520**	**16,822**	**18,054**
AL	11	19	22	21	20	19	20	16	75	65	79	75	91	87
AK	73	357	592	587	619	626	630	134	202	231	243	264	277	280
AR	17	19	18	18	19	19	19	147	108	112	93	125	128	164
CA	337	346	357	385	402	405	412	447	307	310	381	384	415	466
CO	34	35	30	30	31	29	29	136	188	188	196	210	164	180
FL	27	47	43	35	26	19	14	27	48	41	32	23	21	13
IL	32	24	23	24	28	29	29	1	1	2	1	1	1	1
IN	6	5	5	5	6	5	6	(z)	(z)	(z)	(z)	(z)	(z)	(z)
KS	68	58	60	66	71	72	76	880	800	735	640	430	435	466
KY	9	6	6	7	7	8	8	66	63	57	61	52	47	42
LA	809	533	469	449	458	480	515	7,828	7,181	6,639	6,780	6,172	5,332	5,824
MI	16	33	34	33	31	32	31	55	143	158	153	153	139	136
MS	56	40	36	34	33	31	33	95	118	175	181	167	151	158
MT	34	31	30	31	31	29	30	44	49	52	57	57	52	52
NE	8	6	6	7	7	6	6	3	3	3	3	2	2	2
NM	105	82	75	72	71	75	79	1,213	1,188	1,150	1,134	991	895	952
ND	21	28	40	45	47	51	53	30	30	42	43	54	69	77
OH	9	11	13	14	15	15	15	88	113	139	141	138	151	135
OK	190	152	150	154	159	159	168	1,701	1,800	1,892	2,019	1,934	1,730	2,080
PA	3	3	3	4	4	4	4	79	95	97	122	121	118	106
TX	1,261	1,081	977	945	925	903	905	8,276	7,044	7,116	6,190	6,469	5,939	6,130
UT	33	31	25	26	22	30	35	46	65	88	91	94	63	52
WV	3	2	2	3	3	4	4	203	153	157	161	151	130	138
WY	141	133	126	131	118	118	124	351	368	410	410	425	444	499
Other	3	4	5	3	4	3	6	10	19	27	28	28	28	25

Z Less than 500 million cubic feet. [1] 1980 and thereafter, excludes nonhydrocarbon gases.

Source: Through 1975, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, U.S. Energy Information Administration, *Natural Gas Annual, Natural Gas Monthly, Petroleum Statement,* annual, *Petroleum Supply Annual,* and *State Energy Overview.*

No. 1260. Natural Gas—Supply, Production, Consumption, Reserves, and Marketed Production: 1970 to 1984

[See also *Historical Statistics, Colonial Times to 1970,* series M 147-161]

Item	Unit	1970	1973	1975	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Producing wells (yearend)	1,000	117	124	132	148	157	170	182	199	211	222	226
Production value at wells	Bil. dol	3.7	5.0	9.0	15.8	18.2	24.2	32.1	39.5	45.6	43.6	47.0
Avg. per 1,000 cu. ft	dollars	.17	.22	.45	.79	.91	1.18	1.59	1.98	2.46	2.59	2.60
Proved reserves [1]	Tril. cu. ft.	291	250	228	207	208	201	199	202	204	197	197
Marketed production [2]	Tril. cu. ft.	21.92	22.65	20.11	20.03	19.97	20.47	20.18	19.96	18.52	16.82	18.08
Drawn from storage	Tril. cu. ft.	1.46	1.53	1.76	1.75	2.16	2.05	1.97	1.93	2.16	2.27	2.04
Imports [3]	Tril. cu. ft.	.82	1.03	.95	1.01	.97	1.25	.98	.90	.93	.92	.84
Consumption, total	Tril. cu. ft.	21.14	22.05	19.54	19.52	19.63	20.24	19.88	19.40	18.00	16.83	17.65
Residential	Tril. cu. ft.	4.84	4.88	4.92	4.82	4.90	497	4.75	4.55	4.63	4.38	4.65
Commercial [4]	Tril. cu. ft.	2.40	2.60	2.51	2.50	2.60	2.79	2.61	2.52	2.61	2.43	2.56
Industrial	Tril. cu. ft.	9.25	10.18	8.36	8.47	8.40	8.40	8.20	8.06	6.94	6.62	5.76
Lease and plant fuel	Tril. cu. ft.	1.40	1.50	1.40	1.66	1.65	1.50	1.03	.93	1.11	.98	1.05
Other industrial	Tril. cu. ft.	7.85	8.69	6.97	6.82	6.76	6.90	7.17	7.13	5.83	5.64	5.76
Electric utilities	Tril. cu. ft.	3.93	3.66	3.16	3.19	3.19	3.49	3.68	3.64	3.23	2.91	3.11
Transportation [5]	Tril. cu. ft.	.72	.73	.58	.53	.53	.60	.63	.64	.60	.49	.52
Extraction losses [6]	Tril. cu. ft.	.91	.92	.87	.86	.85	.81	.78	.77	.76	.79	.85
Exports	Tril. cu. ft.	.07	.08	.07	.06	.05	.06	.05	.06	.05	.06	.06
Additions to storage [7]	Tril. cu. ft.	1.86	1.97	2.10	2.31	2.28	2.30	1.95	2.23	2.47	1.82	2.26
Unaccounted for gas [8]	Tril. cu. ft.	.23	.20	.24	.04	.29	.37	.64	.50	.47	.64	.29
World production (dry)	Tril. cu. ft.	37.54	43.15	44.12	47.31	48.73	51.87	53.60	954.22	53.73	[9] 54.22	(NA)
U.S. production (dry)	Tril. cu. ft.	21.01	21.73	19.24	19.16	19.12	19.66	19.40	19.18	17.76	16.03	17.23
Percent U.S. of world	Percent	56.0	50.4	43.6	40.5	39.2	37.9	36.2	35.4	33.1	29.6	(NA)

NA Not available.

[1] Estimated, end of year. Source: 1970–1975; American Gas Association, Arlington, VA. (Copyright.); thereafter U.S. Energy Information Administration, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves,* annual. [2] Marketed production includes gross withdrawals from reservoirs less quantities used for reservoir repressuring and quantities vented or flared. For 1980 and thereafter, it excludes the nonhydrocarbon gases subsequently removed. [3] Includes imports of liquefied natural gas.

[4] Includes deliveries to municipalities and public authorities for institutional heating and other purposes. [5] Pipeline fuel.

[6] Volumetric reduction in natural gas resulting from the extraction of natural gas constitutents at natural gas processing plants.

[7] Beginning with 1980, includes liquefied natural gas (LNG) storage in above ground tanks. [8] Derived by subtracting the sum of additions to storage, exports and consumption from total supply. [9] Preliminary.

Source: Except as noted, U.S. Energy Information Administration, *Annual Energy Review, International Energy Annual,* and *Monthly Energy Review,* April 1985.

No. 1261. Natural Gas Plant Liquids—Production and Value: 1970 to 1984

[**Barrels of 42 gallons.** See also *Historical Statistics, Colonial Times to 1970*, series M 143–146]

ITEM	Unit	1970	1973	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total produced	Mil. bbl	606	634	594	590	572	578	576	588	566	569	596
Pentanes plus	Mil. bbl	197	182	149	146	139	125	126	122	103	85	107
Liquefied petroleum gases	Mil. bbl	400	447	444	443	432	444	441	459	459	480	488
Ethane [1]	Mil. bbl	73	108	123	145	148	146	145	145	155	168	184
Propane [1 2]	Mil. bbl	206	214	202	187	180	182	181	190	189	197	193
Butane (incl. isobutane) [2]	Mil. bbl	121	124	119	111	104	115	115	124	114	116	111
Other finished petroleum products	Mil. bbl	9	6	2	2	1	9	8	7	4	4	1
All light products:												
Average value	Dol. per bbl	2.10	2.93	4.65	6.85	7.85	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Average yield	Gal. per 1,000 cu ft	1.37	1.35	1.42	1.41	1.41	1.47	1.63	1.65	1.68	1.80	[3] 1.78
Natural gas processed	Tril. cu ft	19	20	18	18	17	16	15	15	14	13.2	[3] 14.0

NA Not available. [1] Reported production of ethane-propane mixtures have been allocated 70 percent ethane and 40 percent propane. [2] Reported production of ethane-propane mixtures have been allocated 60 percent ethane and 30 percent propane. [3] Estimated.

Source: Through 1975, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, U.S. Energy Information Administration, *Energy Data Reports, Petroleum Statement Annual,* and *Petroleum Supply Annual.*

No. 1262. Coal and Coke—Summary: 1970 to 1984

[Includes coal consumed at mines. Demonstrated coal reserve base for United States on Jan. 1, 1983, was 490 billion tons. Recoverability varies between 40 and 90 percent for individual deposits; 50 percent or more of overall U.S. coal reserve base is believed to be recoverable. See also *Historical Statistics, Colonial Times to 1970*, series M 93–126]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984 [1]
COAL [2]											
Total production	Mil. sh. tons	613	655	697	670	781	830	824	838	782	890
Value	Mil. dol.	3,878	12,671	13,908	14,664	18,552	20,452	21,748	22,850	20,319	24,000
World production	Mil. sh. tons	3,295	3,673	3,840	3,921	4,121	4,197	4,228	4,389	4,349	(NA)
Bituminous coal and lignite: [3]											
Number of mines	Number	5,601	6,168	6,077	6,229	6,150	6,200	5,578	5,628	4,489	(NA)
Production	Mil. sh. tons	603	648	691	665	776	824	818	838	782	890
Value, total	Mil. dol.	3,773	12,472	13,705	14,486	18,359	20,196	21,514	22,850	20,319	24,000
Average per ton	Dollars	6.26	19.23	19.82	21.78	23.65	24.52	26.29	27.26	25.98	27.00
Method of mining:											
Underground	Mil. sh. tons	339	292	266	242	320	337	316	339	300	369
Surface	Mil. sh. tons	264	356	425	423	456	487	502	499	482	521
Percent of total production	Percent	43.8	54.8	61.5	63.6	58.7	59.0	61.4	59.5	61.6	58.5
Exports	Mil. sh. tons	71	66	54	40	65	90	110	106	78	81
Value	Mil. dol.	951	3,233	2,626	2,004	3,328	4,523	5,809	5,997	4,057	4,250
Imports	1,000 sh. tons	36	940	1,647	2,953	2,059	1,194	1,043	742	1,271	1,286
Value	Mil. dol.	(Z)	22	39	75	51	30	30	30	43	45
Consumption [4]	Mil. sh. tons	516	556	620	621	677	699	729	707	737	791
Electric power utilities	Mil. sh. tons	319	404	476	480	526	568	596	594	625	664
Industrial	Mil. sh. tons	184	146	138	133	144	126	128	105	103	118
Productivity average: [5]											
Daily employment	1,000	140	190	221	242	224	225	226	217	176	178
Days worked	Number	228	232	210	166	206	210	186	196	197	204
Tons per worker:											
Per day	Sh./tons	18.84	14.74	14.84	14.68	15.33	16.32	18.08	18.13	20.98	(NA)
Per year	Sh./tons	4,296	3,420	3,235	2,952	3,158	3,427	3,363	3,497	4,133	4,308
Production, by State:											
Alabama	Mil. sh. tons	20.6	22.6	21.5	20.6	23.9	26.4	24.5	26.6	23.8	26.3
Illinois	Mil. sh. tons	65.1	59.5	53.5	48.6	59.5	62.5	51.9	60.3	56.8	63.9
Indiana	Mil. sh. tons	22.3	25.1	27.8	24.2	27.5	30.9	29.3	31.8	31.8	37.4
Kentucky	Mil. sh. tons	125.3	143.6	146.3	135.7	149.8	150.1	157.6	150.2	131.2	164.6
Montana	Mil. sh. tons	3.4	22.1	27.2	26.6	32.5	29.9	33.6	27.9	28.9	33.1
Ohio	Mil. sh. tons	55.4	46.8	47.9	41.2	43.5	39.4	37.4	36.5	33.8	40.5
Pennsylvania	Mil. sh. tons	80.5	84.1	84.6	81.5	89.2	87.1	78.1	79.4	69.8	72.3
Virginia	Mil. sh. tons	35.0	35.5	37.6	31.9	37.0	41.0	42.0	39.8	35.0	35.5
West Virginia	Mil. sh. tons	144.1	109.3	95.4	85.3	112.4	121.6	112.8	128.5	115.0	130.9
Wyoming	Mil. sh. tons	7.2	23.8	46.0	58.3	71.8	94.9	103.0	103.0	112.2	130.9
Other States	Mil. sh. tons	44.0	76.0	103.5	111.2	129.2	139.8	148.2	154.1	143.8	154.7
COKE											
Production [6]	Mil. sh. tons	66.5	57.2	53.5	49.0	52.9	46.1	42.8	28.1	25.8	30.6
Oven coke [7]	Mil. sh. tons	65.7	56.5	53.1	49.0	52.9	46.1	42.8	28.1	25.8	30.6
Value of product at plant	Mil. dol.	2,193	5,261	5,536	6,557	6,662	6,029	(NA)	(NA)	(NA)	(NA)
Coke and breeze	Mil. dol.	1,899	4,607	4,653	5,635	5,459	4,784	(NA)	NA)	(NA)	(NA)
Avg. market value per ton	Dollars	28	84	85	97	98	103	113	115	114	105
Coal charged	Mil. sh. tons	96.5	83.6	77.7	71.4	77.4	66.7	61.0	40.9	37.0	44.0
Average value per ton	Dollars	12.47	44.21	46.26	52.10	50.70	56.26	62.86	64.97	59.30	56.54
Yield of coke from coal	Percent	69.1	68.4	68.8	68.6	68.4	69.2	70.1	68.7	69.7	69.4

NA Not available. Z Less than $500,000. [1] Preliminary. [2] Includes bituminous coal, lignite, and anthracite. [3] All domestic product data for 1970–1978 are for mines producing 1,000 short tons or more per year; thereafter, data are for all mines. Beginning 1982, includes anthracite, which accounts for approximately 0.5 percent of total coal production. [4] Includes some categories not shown separately. [5] Data for 1970–1978 are for mines producing 1,000 short tons or more per year; thereafter, for mines producing 10,000 short tons or more. Beginning 1982, includes all types of coal. [6] Includes beehive coke. [7] Prior to 1978, excludes screenings or breeze; thereafter, includes beehive and other nonrecoverable coke-oven operations.

Source: 1970 and 1975, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, U.S. Energy Information Administration, *Energy Data Reports, Weekly Coal Production; Coal Production,* annual; *Coke Plant Report,* and *Quarterly Coal Report.*

No. 1263. World Coal Trade: 1973 to 1983

[In millions of short tons]

COUNTRIES	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
EXPORTING COUNTRIES											
Total [1]	**190.9**	**209.9**	**212.5**	**210.2**	**224.7**	**222.5**	**254.9**	**276.0**	**287.4**	**291.3**	**284.2**
United States	53.6	60.7	66.3	60.0	54.3	40.7	66.0	88.7	106.5	106.5	76.5
Australia	31.0	32.5	33.5	34.3	42.3	42.6	44.6	46.6	54.3	44.8	59.9
South Africa	2.1	2.5	3.0	6.6	14.0	17.0	25.7	29.9	32.5	29.9	32.2
Soviet Union	27.0	28.9	28.8	29.6	31.1	31.6	28.4	26.2	22.5	23.0	24.1
West Germany	15.3	19.2	16.2	14.4	16.0	21.0	17.2	13.8	13.1	11.2	11.5
Canada	12.1	11.9	12.9	13.0	13.3	15.1	15.3	16.1	17.7	16.4	17.6
Poland	39.5	44.1	42.4	42.9	43.3	44.2	45.6	34.3	16.6	30.6	39.0
China	[2].3	[2].4	[2].5	.4	.5	.9	1.7	4.2	4.1	5.1	6.2
IMPORTING COUNTRIES											
Total [1]	**190.9**	**209.9**	**212.5**	**210.2**	**224.7**	**222.5**	**254.9**	**276.0**	**287.4**	**291.3**	**284.2**
Western Europe	67.0	79.3	80.8	80.2	85.9	94.3	107.4	126.9	129.4	126.5	117.1
Japan	62.7	70.7	68.5	67.0	67.1	57.5	64.5	75.6	86.0	86.5	81.6
Eastern Europe	36.3	35.6	35.1	35.4	36.8	38.4	40.2	34.8	30.1	37.0	41.2
Canada	16.5	13.6	16.8	16.1	16.9	14.6	19.4	17.4	16.3	17.3	16.2

[1] Includes countries not shown separately. [2] Includes trade with Japan only.

Source: U.S. Energy Information Administration, *Annual Prospects for World Coal Trade 1985.*

No. 1264. Cement, Sand, Gravel, Stone, Gypsum, Lime, and Phosphate Rock: 1970 to 1984

[See also *Historical Statistics, Colonial Times to 1970*, series M 188-194 and series M 203-204. Lime excludes Puerto Rico]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Cement production [1]	**Mil. sh. ton**	**76.1**	**69.7**	**80.1**	**85.5**	**85.9**	**76.7**	**72.9**	**64.3**	**71.3**	**78.7**
Portland	Percent	96.1	95.8	95.3	95.2	95.6	95.9	96.2	96.5	95.9	95.8
Shipments [2]	Mil. sh. ton	76.4	70.7	81.6	88.0	87.2	77.7	73.0	65.1	71.9	81.2
Portland	Mil. sh. ton	73.4	67.8	77.9	83.8	83.4	74.7	70.2	62.7	68.9	77.9
Value	Mil. dol.	1,366	2,220	3,000	3,623	4,061	3,780	3,666	3,199	3,440	4,020
Average per ton	Dollar	17.88	31.41	36.76	41.17	46.57	50.89	52.20	51.04	49.89	51.62
Imports	Mil. sh. ton	2.5	3.6	4.0	6.6	9.4	5.2	4.0	2.9	4.3	8.8
Value	Mil. dol.	34	71	94	191	302	196	151	111	161	294
Exports	1,000 sh. ton	123	417	236	55	149	186	300	201	118	80
World production (est.)	Mil. sh. ton	630	774	879	940	962	977	977	972	1,008	1,059
Sand and gravel sold [3]	**Mil. sh. ton**	**944**	**789**	**929**	**996**	**979**	**793**	**720**	**621**	**682**	**803**
Value	Mil. dol.	1,116	1,340	2,028	2,302	2,427	2,289	2,260	1,998	2,270	2,621
Stone sold or used by producers	**Mil. sh. ton**	**869**	**901**	**955**	**1,051**	**1,101**	**985**	**874**	**791**	**863**	**957**
Value	Mil. dol.	1,470	2,120	2,457	2,886	3,399	3,405	3,276	3,056	3,475	3,911
Crude gypsum: [4]											
Active establishments [5]	Number	108	110	115	116	113	114	113	109	111	113
Apparent supply	Mil. sh. ton	15.5	15.1	20.3	23.1	22.3	19.7	18.9	17.1	20.8	23.1
Mined	Mil. sh. ton	9.4	9.8	13.4	14.9	14.6	12.4	11.5	10.5	12.9	14.3
Imports for consumption	Mil. sh. ton	6.1	5.4	7.1	8.3	7.8	7.4	7.6	6.7	8.0	8.9
Exports	1,000 sh. ton	41	75	143	132	91	88	157	123	117	131
Calcined gypsum produced	**Mil. sh. ton**	**8.4**	**9.2**	**12.6**	**14.0**	**14.5**	**11.8**	**11.7**	**11.2**	**13.9**	**15.5**
Value	Mil. dol.	132	186	278	387	442	270	243	196	270	321
Gypsum products sold, value [6]	**Mil. dol.**	**353**	**514**	**911**	**1,248**	**1,392**	**1,242**	**1,196**	**1,122**	**1,606**	**2,274**
Building uses, value	Mil. dol.	323	466	843	1,171	1,312	1,149	1,099	1,032	1,504	2,162
Lime:											
Active plants	**Number**	**194**	**171**	**161**	**155**	**154**	**153**	**150**	**147**	**139**	**132**
Quantity sold	1,000 sh. ton	19,747	19,133	19,947	20,443	20,945	19,010	18,856	14,075	14,867	15,922
Value	Mil. dol.	286	524	666	750	862	843	884	696	758	811
Per ton	Dollars	14.49	27.38	33.41	36.67	41.18	44.34	46.89	49.46	50.96	50.95
Phosphate rock:											
Mine production	**Mil. ton**	**125.5**	**187.5**	**184.0**	**191.2**	**204.8**	**231.4**	**202.5**	**114.8**	**138.6**	**179.7**
P_2O_5 content	Mil. ton	18.6	23.5	22.4	23.5	25.4	26.2	26.2	14.8	19.4	23.2
Marketable production	Mil. ton	38.7	48.8	52.1	55.2	56.9	60.0	59.1	41.2	46.9	54.2
P_2O_5 content	Mil. ton	12.0	15.0	16.1	16.9	17.5	18.4	18.0	12.7	14.4	16.4
Value	Mil. dol.	203	1,122	822	929	1,046	1,257	1,438	950	1,021	1,182
Per ton	Dollars	5.25	22.99	15.77	16.84	18.38	20.95	24.33	23.04	21.75	21.80
Imports [7]	Mil. sh. ton	.14	.04	.17	1.00	.98	.54	.01	.03	.01	(NA)
Value	Mil. dol.	3.8	1.6	6.1	24.4	21.6	12.9	.4	1.3	.4	.3
Per ton	Dollars	27.87	43.83	35.02	24.38	22.04	23.99	30.00	38.29	37.90	27.62
Exports	Mil. sh. ton	11.7	12.3	14.6	14.2	15.8	15.7	11.5	10.8	13.2	12.7
P_2O_5 content	Mil. sh. ton	3.8	4.0	4.7	4.5	5.1	5.0	3.6	3.5	4.2	4.0
Value	Mil. dol.	60.0	429.2	288.6	297.4	356.5	431.4	373.2	293.6	327.3	324.8
Per ton	Dollars	5.11	34.98	19.79	20.94	22.56	27.41	32.57	27.06	24.73	25.56
Consumption, apparent [8]	Mil. sh. ton	27.2	34.2	37.9	40.6	43.6	45.0	38.7	31.7	38.4	46.0
World production	Mil. sh. ton	93.6	118.6	131.5	137.8	145.3	158.9	157.7	140.4	153.5	166.0

NA Not available.
[1] Includes Puerto Rico; excludes Alaska except for imports and exports. [2] Includes natural, slag, and hydraulic lime plants, not shown separately, except 1970 excludes slag cement. [3] Represents sand stone and gravel used by producers. [4] Excludes byproduct gypsum. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. [5] Each mine, plant, or combination mine and plant is counted as one establishment. [6] Made from domestic, imported, and byproduct gypsum. [7] For consumption; P_2O_5 content not available. [8] Amount sold or used plus imports minus exports.

Source: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1265. Potash—Summary: 1970 to 1984

[In thousands of short tons, except value. See also *Historical Statistics, Colonial Times to 1970*, series M 201-202]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Production of potassium salts (marketable)	4,853	4,576	4,675	4,769	4,708	4,756	4,578	3,710	3,053	3,350
Approximate equivalent K_2O	2,729	2,501	2,457	2,483	2,453	2,468	2,377	1,966	1,575	1,724
Value [1] (mil. dol.)	98.1	223.1	206.9	226.5	279.2	(NA)	(NA)	(NA)	(NA)	(NA)
Sales of potassium salts by producers	4,703	3,819	4,675	4,804	5,014	4,701	4,045	3,734	3,252	3,510
Approximate equivalent K_2O	2,729	2,094	2,460	2,543	2,632	2,444	2,103	1,967	1,668	1,807
Value at plant (mil. dol.)	92.4	187.9	206.9	226.5	279.2	353.9	328.9	265.6	220.8	241.8
Per ton (dollars)	19.64	49.19	44.22	47.15	55.68	75.28	81.31	71.13	67.90	68.89
Imports for consumption of potash materials	4,403	6,271	8,386	8,556	9,375	9,031	8,712	6,986	8,071	8,761
Approximate equivalent K_2O	2,605	3,797	5,076	5,189	5,693	5,481	5,287	4,253	4,894	5,323
Value (mil. dol.)	94.7	267.2	373.8	399.2	520.8	648.0	750.4	575.4	600.6	658.1
Exports of potash materials	966	1,419	1,650	1,577	1,233	1,746	978	1,049	622	922
Approximate equivalent K_2O	544	779	932	892	700	926	541	572	331	492
Value (mil. dol.)	28.5	92.7	90.2	88.6	79.5	179.8	107.9	93.2	55.8	85.7
Apparent consumption of potassium salts [2]	8,140	8,671	11,405	11,782	13,156	11,987	11,779	9,671	10,701	11,349
Approximate equivalent K_2O	4,730	5,112	6,604	6,840	7,626	6,999	6,849	5,647	6,231	6,638
World production (marketable), approximate equivalent K_2O	20,013	27,269	27,836	28,795	28,404	30,707	29,849	27,187	30,232	31,568

NA Not available. [1] Derived from reported value of amount sold or used. [2] Amount sold or used plus imports minus exports.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1266. Sulfur—Summary: 1970 to 1984

[In thousands of long tons, except value. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 195-199]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Production, all forms [1]	**9,557**	**11,259**	**10,707**	**10,558**	**10,999**	**11,910**	**11,679**	**11,953**	**9,632**	**9,143**	**10,484**
Sulfur from Frasch mines	7,082	7,211	6,264	5,822	5,559	6,257	6,288	6,248	4,144	3,151	4,127
Recovered elemental sulfur	1,457	2,969	3,138	3,567	3,998	4,006	4,009	4,192	4,334	4,877	5,132
Pyrites, sulfur content only	339	237	286	166	296	394	317	302	261	(D)	(D)
Gross weight of total pyrites	845	625	750	435	766	1,033	834	784	665	(D)	(D)
Byproduct sulfuric acid [2]	537	767	942	945	1,086	1,148	987	1,141	815	818	947
Shipments, Frasch mines	6,504	6,077	5,860	5,935	5,645	7,388	7,283	5,817	3,541	4,046	4,922
Approximate value (mil. dol.)	152	305	300	295	280	449	721	716	435	414	546
Avg. value per long ton (dol.)	24	50	51	50	50	61	99	123	123	102	111
Imports for consumption:											
Crude sulfur	1,537	1,897	1,727	1,977	2,143	2,455	2,483	2,482	1,875	1,668	2,517
Pyrites, sulfur content [3]	130	–	–	–	–	–	–	–	–	–	–
Exports, sulfur	1,433	1,352	1,270	1,178	852	2,012	1,754	1,370	946	976	1,313

– Represents zero. D Withheld to avoid disclosure of individual company data. [1] Includes other byproduct sulfur compounds, not shown separately. [2] Represents sulfur content. Produced at copper, lead, and zinc plants. [3] Estimate.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1267. Lead—Summary: 1970 to 1984

[In thousands of short tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports and as noted. See also *Historical Statistics, Colonial Times to 1970*, series M 242-248]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Smelter production of refined primary lead	**667**	**636**	**653**	**605**	**623**	**634**	**604**	**546**	**565**	**567**	**436**
Domestic ores and base bullion [1]	528	530	569	536	553	584	560	485	507	508	364
Foreign ores and base bullion	139	106	84	68	70	50	43	61	58	61	72
Recovery of secondary lead	597	658	727	835	848	883	745	707	630	555	642
Imports, general:											
Lead in pigs and bars	244	101	146	261	244	211	90	112	101	144	178
Lead in ores and matte	112	88	76	73	58	44	49	65	39	52	76
Exports of refined pig lead [2]	8	21	6	10	9	12	181	26	56	19	5
Consumption of metal, primary and secondary	1,361	1,297	1,490	1,582	1,579	1,497	1,180	1,287	1,185	1,266	2,473
Average price, common lead:											
New York (cents per lb.)	15.69	21.53	23.10	30.70	33.65	52.64	42.46	36.53	25.54	21.68	25.55
London (cents per lb.)	13.76	18.73	20.46	28.00	29.86	54.52	41.21	33.30	24.66	19.27	20.12
Mine production of recoverable lead [3]	572	621	610	592	584	579	607	491	565	495	355
Value [3] (mil. dol.)	179	267	282	364	394	610	515	359	289	215	181
World smelter production, primary (est.)	3,628	3,633	3,568	3,516	3,466	3,611	3,508	3,439	3,512	3,560	3,452
World smelter capacity	(NA)	(NA)	5,190	5,255	5,230	5,241	(NA)	(NA)	(NA)	5,027	5,027

NA Not available. [1] Excludes lead content of antimonial lead. [2] Pigs, bars, and anodes. [3] Includes Alaska.

Source: U.S. Bureau of Mines, *Minerals Yearbook*, and *Mineral Facts and Problems*.

No. 1268. Iron Ore—Summary: 1970 to 1984

[**In millions of long tons, except as indicated.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970,* series M 205-211]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Number of mines	74	67	65	54	51	49	37	32	27	20	20
Production [1]	**89.8**	**78.9**	**80.0**	**55.8**	**81.6**	**85.7**	**69.6**	**73.2**	**35.4**	**37.6**	**51.3**
Lake Superior	69.6	66.7	67.4	44.0	72.7	77.2	62.3	67.5	31.0	35.6	49.7
Northeastern	3.5	1.9	2.4	2.0	8.9	8.6	7.3	5.7	4.4	2.0	1.6
Western	14.3	9.6	10.1	9.8							
Hematite [2]	33.6	19.2	19.3	11.5	15.9	13.9	11.8	10.6	6.7	5.4	(NA)
Magnetite [2]	53.8	58.4	59.3	43.1	64.8	71.0	57.8	62.6	28.7	32.2	
Other	2.4	1.2	1.4	1.1	.8	.8	–	–	–	–	
Shipments [3]	87.2	75.7	77.1	54.1	83.2	86.2	69.6	72.2	35.8	44.6	50.9
Value [3] (mil. dol.)	942	1,621	1,871	1,423	2,401	2,814	2,544	2,915	1,492	1,945	2,248
Average price per ton at mine (dol.)	10.80	21.41	24.28	26.32	28.86	32.64	36.56	40.39	41.72	43.61	44.17
Stocks, Dec. 31 (at mines)	15.3	12.3	14.0	14.8	12.4	11.3	11.7	12.7	12.1	4.1	5.3
Price (Lake Superior ores) Dec. 31:											
Natural ores, basis 51.5% Fe (dol./lg. ton)	10.80	18.50	20.26	21.18	22.30	24.56	28.50	32.53	32.53	30.03	30.03
Imports for consumption [4]	44.9	46.7	44.4	37.9	33.6	33.8	25.1	28.3	14.5	13.2	17.2
Canada	23.9	19.1	25.0	25.3	19.2	22.6	17.3	18.8	9.3	8.8	11.2
Venezuela	13.0	13.1	9.0	6.2	6.1	4.6	3.6	5.1	1.6	1.3	1.5
Brazil	2.0	7.5	5.4	2.2	4.0	3.1	2.0	1.7	1.0	1.3	2.5
Value (mil. dol.)	480	860	980	957	845	923	773	948	471	446	529
Exports	5.5	2.5	2.9	2.1	4.2	5.1	5.7	5.5	3.2	3.8	5.0
Value (mil. dol.)	68	60	82	63	137	179	231	245	151	183	239
World production (est.)	754	902	885	828	833	889	877	843	767	724	789

– Represents zero. NA Not available. [1] Includes Southeastern district and byproduct ore, not shown separately. [2] Predominant mineral. [3] Beginning 1976, includes byproduct ore. [4] Includes countries not shown separately.

Source: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1269. Gold and Silver—Summary: 1970 to 1984

[See *Historical Statistics, Colonial Times to 1970,* series M 268-269, for mine production]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984, prel.
GOLD										
Ore produced [1]	1,000 sh. ton	3,687	5,722	4,292	7,046	9,893	12,729	17,918	23,222	30,056
Production, U.S	1,000 fine oz	1,743	1,052	999	964	970	1,379	1,466	1,956	2,059
Value	Mil. dol	63	170	193	297	594	634	551	830	743
World production	1,000 fine oz	47,522	38,476	39,057	38,830	39,179	41,257	43,083	44,882	46,035
Industrial consumption U.S., net	1,000 fine oz	5,973	3,993	4,738	4,785	3,215	3,276	3,423	3,061	3,082
Imports [2]	Mil. dol	237	457	903	1,480	2,750	2,157	1,894	1,977	2,947
Canada	Mil. dol	152	182	339	565	1,234	1,314	1,124	987	1,554
Soviet Union	Mil. dol	–	1	287	549	88	22	4	–	–
South Africa	Mil. dol	(z)	6	1	3	33	188	38	16	8
Exports	Mil. dol	38	493	1,114	4,908	3,648	3,072	1,089	1,326	1,813
Price per fine oz.[3]	Dollars	36.4	161.5	193.6	307.5	612.6	459.6	375.9	424.0	360.7
Production:										
Nevada	1,000 fine oz	480	333	261	250	278	525	757	915	998
South Dakota	1,000 fine oz	579	305	286	246	268	278	185	310	311
Utah	1,000 fine oz	408	190	236	261	180	228	175	238	(D)
SILVER										
Ore produced [1] [4]	1,000 sh. ton	934	919	1,840	1,822	2,936	5,579	6,636	8,618	9,392
Production, U.S	1,000 fine oz	45,006	34,938	39,385	37,896	32,329	40,683	40,248	43,415	44,440
Value	Mil. dol	80	154	213	420	667	428	320	497	362
World production	1,000 fine oz	300,991	303,112	344,978	348,120	342,804	359,571	381,533	392,268	398,554
Industrial consumption U.S., net [5]	1,000 fine oz	128,404	157,650	160,165	157,258	124,694	116,670	118,840	116,464	114,841
Imports [2]	Mil. dol	104	394	389	962	1,606	1,028	927	2,124	963
Canada	Mil. dol	64	150	180	277	660	375	303	420	301
Mexico	Mil. dol	9	96	94	257	282	228	205	340	336
Peru	Mil. dol	19	76	85	188	354	273	143	269	197
Exports	Mil. dol	49	148	119	471	1,910	332	209	377	206
Price per fine oz.[3] [5]	Dollars	1.77	4.42	5.40	11.09	20.63	10.52	7.95	11.44	8.14
Production: [4]										
Idaho	Mil. fine oz	19.1	13.9	18.4	17.1	13.7	16.5	14.8	17.7	18.9
Arizona	Mil. fine oz	7.3	6.3	6.6	7.5	6.3	8.1	6.3	4.5	4.1
Utah	Mil. fine oz	6.0	2.8	2.9	2.5	2.2	2.9	4.3	4.6	(D)
Colorado	Mil. fine oz	2.9	3.4	4.2	2.8	3.0	3.0	1.9	2.1	2.2

– Represents zero. D Withheld to avoid disclosure. Z Less than $500,000. [1] Gold and silver are also produced from base-metal ores and placers. In 1975, those sources accounted for 38 percent of gold produced and 65 percent of silver. [2] General imports, 1970 and 1975; thereafter, imports for consumption. [3] Selling price. [4] Includes gold-silver ore. [5] Excludes coinage.

Source: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1270. Copper—Summary: 1970 to 1984

[In thousands of short tons, except as indicated. Excludes Hawaii and Puerto Rico, except for imports and exports. *See also Historical Statistics, Colonial Times to 1970,* series M 235-241]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984, prel.
New (primary) copper produced:										
Mines (from domestic ores)	1,720	1,413	1,504	1,496	1,595	1,302	1,696	1,264	1,144	1,203
Copper ore produced [1] (mil. sh. tons)	258	263	260	264	306	244	306	201	196	189
Average yield of copper (percent)	.59	.47	.52	.51	.47	.48	.51	.55	.51	.57
Smelters (from domestic ores)	1,605	1,374	1,394	1,400	1,448	1,096	1,427	1,037	979	1,091
Percent of world total	24	17	16	16	16	13	16	12	11	13
Refineries (from domestic ores)	1,521	1,286	1,411	1,463	1,557	1,241	1,577	1,173	1,106	1,195
From foreign ores, matte, etc., refinery	244	157	85	134	114	98	125	179	197	128
Total new refined, domestic and foreign	1,765	1,443	1,496	1,597	1,671	1,339	1,702	1,352	1,303	1,323
Secondary copper produced	1,248	972	1,196	1,375	1,711	1,584	1,563	1,309	1,194	1,256
Recovered from old scrap only	504	369	452	553	666	676	659	571	495	513
Imports (unmanufactured) [2]	392	324	437	586	310	603	474	558	636	573
Refined	132	147	387	444	225	471	364	285	507	490
Exports of refined metallic copper	221	172	52	101	81	16	27	34	90	101
Stocks (producers), Dec. 31	470	519	580	459	374	354	472	552	362	390
Mine production of primary copper	1,720	1,413	1,504	1,496	1,595	1,302	1,696	1,264	1,144	1,203
Arizona	918	813	924	983	1,043	849	1,147	848	748	823
Montana	120	88	86	74	77	42	69	72	37	(D)
New Mexico	166	146	165	141	181	165	170	(D)	(D)	(D)
Utah	296	177	194	205	213	174	233	208	187	(D)
Other States	220	189	135	93	77	72	77	136	173	380
Avg. price, domestic production (cents per lb.)	58.2	64.2	66.8	66.5	93.3	102.4	85.1	74.3	79.3	68.2
World smelter production	6,752	8,069	8,967	8,759	8,833	8,432	8,820	8,719	8,920	9,104
World smelter capacity	(NA)	(NA)	(NA)	10,900	11,180	(NA)	(NA)	(NA)	12,692	12,695

D Withheld to avoid disclosure of individual company data. NA Not available. [1] Includes old tailings, smelted or retreated. Not comparable with mine production figures which include recoverable copper content of ores not classified as "copper." [2] Includes copper imported for immediate consumption plus material entering country under bond. Beginning 1977, includes imports for consumption. Comprises copper in ores and concentrates, matte, refined, blister, and scrap.

No. 1271. Molybdenum Concentrates—Summary: 1970 to 1984

[In millions of pounds of contained molybdenum, except as indicated. See *Historical Statistics, Colonial Times to 1970,* series M 227-228, for production and exports of ores and concentrates]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Production	111.4	112.0	106.0	113.2	122.4	131.8	144.0	150.7	139.9	84.4	33.6	103.7
Shipments from mines	110.4	118.2	105.2	114.5	125.0	130.7	143.5	149.3	118.9	76.1	48.8	102.4
Average price per pound [1] (dol.)	1.92	2.24	2.74	3.26	4.02	4.86	6.07	9.00	6.85-8.50	8.50	3.64	3.56
Value (mil. dol.)	190.1	234.7	259.3	333.5	450.4	607.9	871.1	1,344.2	945.5	504.1	166.6	326.8
Exports [2]	55.7	78.7	62.6	62.5	65.7	69.2	72.2	68.2	51.4	49.8	47.1	63.4
Imports for consumption	(z)	.2	2.6	2.1	2.0	2.7	2.3	1.6	2.0	3.1	1.7	(z)
Consumption	76.1	91.7	90.0	85.0	91.0	96.4	103.2	108.2	80.7	49.4	27.0	54.8
Stocks (industry), Dec. 31 [3]	9.7	18.7	10.7	9.4	9.2	9.0	9.5	18.1	35.0	38.5	11.6	12.5
World production, estimate	[4] 161.1	185.6	180.3	195.5	209.7	220.6	229.4	243.8	240.0	214.8	140.3	208.7

Z Less than 50,000 pounds. [1] Molybdenum in technical-grade oxide, f.o.b., plant of major producer, domestic sales. [2] Includes roasted concentrates. [3] At mines and at plants making molybdenum products. [4] Free world.

No. 1272. Cobalt—Summary: 1970 to 1984

[In millions of pounds of contained cobalt, except price]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Production: Mine	.7	–	–	–	–	–	–	–	–	–	–	–
Secondary (scrap) [1]	.1	.3	.3	.3	.5	1.0	1.2	1.2	1.0	.9	.7	.9
Imports [2]	12.4	16.1	6.6	16.5	17.5	19.0	20.0	16.3	15.6	12.9	17.2	25.3
Zaire	(NA)	7.5	2.2	6.8	7.5	7.9	8.8	6.2	4.2	5.0	7.7	11.7
Zambia	(NA)	.1	–	1.7	2.4	2.1	3.5	2.2	1.5	1.2	2.3	3.8
Finland	(NA)	.9	1.1	.8	1.3	.9	1.2	1.1	1.2	.8	1.0	1.0
Exports [3]	1.5	1.3	1.8	1.8	.9	1.5	.7	.6	.8	.6	.8	.7
Consumption	13.4	16.9	12.8	16.5	16.6	20.0	17.4	15.3	11.7	9.5	11.3	12.9
Inventories	81.0	56.0	49.5	44.1	44.5	45.2	44.2	43.3	42.2	45.1	47.3	47.6
Government [4]	79.1	54.0	47.6	41.0	40.9	40.8	40.8	40.8	40.6	43.8	45.9	46.2
Private [5]	1.9	2.0	1.8	3.2	3.7	4.4	3.4	2.5	1.4	1.3	1.4	1.4
Price per pound [6] (dollars): Low	2.20	3.46	3.98	4.44	5.58	6.40-20.00	20.00-25.00	25.00	14.58	8.56	5.76	10.40
High												

– Represents zero. NA Not available. [1] Reported consumption of purchased scrap. [2] Includes countries not shown separately. [3] Content of unwrought cobalt and cobalt alloys, and waste and scrap. [4] Includes cobalt sold but not delivered. [5] Consumer stocks only. [6] 1970-77 weighted average based on the market price quoted by a major U.S. cobalt dealer; otherwise based on range of prices; 1980-84 weighted average "Metals Week" prices.

Source of tables 1270-1272: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1273. Nickel—Summary: 1970 to 1984

[**Quantities in thousands of short tons.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 231-234]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Mine production	16	17	17	16	14	14	15	15	12	3	–	15
Plant production:												
Primary [1]	16	14	14	14	13	11	12	11	10	3	(D)	10
Secondary [2]	49	65	42	47	45	44	57	49	52	43	50	59
Imports (est. nickel content)	156	221	161	188	195	240	177	189	209	130	152	177
Exports (gross weight)	31	30	30	47	39	36	51	57	47	57	44	51
Consumption	156	208	146	163	155	181	196	156	145	104	128	137
Stocks (consumer), Dec. 31	25	45	35	32	19	20	20	15	23	19	20	21
Price per pound [3] (dollars)	1.33	2.01	2.20	2.20	2.41	2.10	3.20	2.85	2.65	2.24	2.20	2.22
World production, est	693	849	890	873	913	725	756	859	805	675	723	820

– Represents zero. D Withheld to avoid disclosing company proprietary data. [1] From domestic ores. [2] Includes nickel recovered from iron and steel scrap. [3] Through 1979, peak price quoted U.S. buyers by International Nickel Co., Inc., for electrolytic nickel, U.S. duty included, f.o.b. Port Colborne, Ontario; thereafter, New York dealer price.

No. 1274. Tin—Summary: 1970 to 1984

[**In thousands of short tons, except price.** See headnote, table 1273, for exclusions]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Production: Domestic smelters	(D)	7.2	6.3	7.4	6.5	5.1	3.3	2.2	3.9	2.8	4.4
Secondary sources	22.4	17.5	18.1	20.4	23.3	23.7	20.5	17.0	15.8	15.7	17.0
Imports for consumption:											
Metal	56.7	48.9	49.7	52.7	51.6	53.3	50.7	50.6	30.8	37.5	45.4
Ore (tin content)	5.2	7.1	6.3	7.4	4.3	5.0	.9	.3	2.2	1.1	3.6
Exports	5.0	4.0	2.6	6.0	5.2	3.8	[1] .7	[1] 2.6	[1] 6.4	[1] 1.5	[1] 1.6
Price of Straits tin at NY, dol. per lb.[2]	1.74	3.40	3.80	5.35	6.30	7.54	8.46	7.33	6.54	6.55	8.24
Consumption	83	62	69	67	68	69	62	60	51	50	54
World mine production, est	256	245	241	254	266	270	270	278	260	232	229

D Withheld to avoid disclosure of individual company data. [1] Excludes reexports. [2] See footnote 5, table 1242.

No. 1275. Tungsten Concentrate—Summary: 1970 to 1984

[Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series M 225-226, for related data]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Production:											
Concentrates (60% WO_3 basis) [1]	1,000 sh. ton	10.1	5.8	6.3	7.3	7.0	6.3	8.2	3.6	(NA)	(NA)
Tungsten content	Mil. lb	9.3	5.5	6.0	6.9	6.6	6.0	7.8	3.5	2.2	2.6
Shipments from mines:											
Reported value f.o.b. mines	Mil. dol	23.8	29.1	55.1	56.7	55.8	50.6	62.2	22.1	10.5	13.4
Avg. value per lb. of tungsten	Dollars	2.55	5.30	9.15	8.22	8.40	8.38	7.96	6.35	4.70	5.18
Imports, general [2]	Mil. lb	1.3	6.9	6.8	[3] 9.1	[3] 11.4	[3] 11.4	[3] 11.8	[3] 7.8	[3] 6.3	12.8
Consumption [2]	Mil. lb	16.7	14.0	17.1	18.8	21.6	20.4	21.7	9.9	11.4	18.9
Stocks,[2] end of year	Mil. lb	2.2	2.5	1.0	1.5	1.6	1.4	1.7	4.0	2.5	2.2
World production [2]	Mil. lb	71.4	84.5	90.5	101.5	107.1	114.6	108.2	100.7	86.9	99.1

NA Not available. [1] A short ton of 60% tungsten trioxide (WO_3) contains 951.72 pounds of tungsten. [2] Tungsten content. [3] Imports for consumption.

Source of tables 1273-1275: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1276. U.S. Uranium Industry—Summary: 1973 to 1984

[Middle demand case. See table 987. See also *Historical Statistics, Colonial Times to 1970*, series M266-267]

ITEM	Unit	1973	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Production	1,000 sh. tons	13.2	11.6	12.8	14.9	18.5	18.7	21.9	19.2	13.4	10.6	7.4
Net imports (U_3O_8)	1,000 sh. tons	–.6	.2	1.2	.8	–.8	–1.6	–1.1	–1.1	6.3	2.4	6.3
Utility inventories (U_3O_8 equivalent)	1,000 sh. tons	(NA)	(NA)	[1]20.5	[1]21.5	35.6	42.8	54.4	64.0	68.6	75.0	[2] 62.7
Price (1983 dol./lb U_3O_8):												
Long-term contract price	Dollars	20.40	36.50	46.30	46.40	45.30	43.10	35.50	29.40	25.90	27.20	22.60
Spot market price	Dollars	13.10	40.80	65.00	65.20	62.20	56.40	38.60	26.80	20.80	23.00	16.60
Delivered price	Dollars	14.50	18.10	26.30	30.50	31.10	31.60	34.20	35.70	41.60	38.20	[3] 31.30
Capital expenditures (1983 dollars)	Mil. dol	(NA)	461	697	1,159	1,069	1,060	949	461	173	67	34
Mining and milling	Mil. dol	(NA)	251	417	760	617	642	625	300	96	30	10
Exploration	Mil. dol	100	210	280	399	452	418	324	161	77	37	24
Employment	1,000	6.6	9.7	13.1	18.8	21.4	22.2	19.9	13.7	9.1	5.6	3.3
Mining and milling	1,000	5.0	7.6	10.3	14.6	17.0	18.1	16.5	11.4	8.3	5.2	3.1
Exploration	1,000	1.6	2.0	2.8	4.1	4.4	4.1	3.4	2.3	.8	.4	.2

NA Not available. [1] Natural U_3O_8 only. [2] Includes natural U_3O_8 (uranium oxide), natural UF_6 (uranium hexafluoride), natural UF_6 under usage agreement, UF_6 at enrichment suppliers, enriched UF_6 and fabricated fuel. [3] Average U.S. contract prices and market price settlements.

Source: U.S. Department of Energy, *Domestic Uranium Mining and Milling Industry*, annual.

No. 1277. Zinc—Summary: 1970 to 1984

[**Production in thousands of short tons.** Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series M 249-250, for production]

ITEM AND STATE	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Smelter production, primary slab zinc	878	555	438	499	450	448	521	375	382	252	260	279
Value (mil. dol.)	236	399	341	369	310	276	389	261	341	194	215	271
From domestic ores	404	347	308	382	355	295	281	256	286	213	232	218
From foreign ores	474	208	130	117	95	154	240	120	96	38	28	61
Production, redistilled secondary slab zinc	77	79	58	69	51	38	59	32	55	82	76	86
Avg. price of common zinc (cents per lb.)	15.3	36.0	39.0	37.1	34.4	31.0	37.3	37.4	44.6	36.5	41.4	46.6
World smelter production, est	5,321	6,183	5,526	5,986	6,407	6,483	6,900	6,668	6,708	6,461	6,835	7,107
World smelter and refining capacity	(NA)	6,940	(NA)	7,545	7,666	8,487	8,524	(NA)	(NA)	(NA)	8,529	8,600
Mine production, recoverable zinc	534	500	469	485	450	334	295	350	344	334	303	279
Colorado	57	49	48	51	40	24	11	15	(D)	(D)	(D)	(D)
Idaho	41	39	41	47	31	36	33	31	(D)	(D)	(D)	(D)
Missouri	51	92	75	84	82	65	68	69	58	70	63	50
New York	59	93	77	74	71	29	13	37	41	58	63	(D)
Tennessee	118	86	83	83	90	97	94	123	130	134	121	126
Other States	208	141	145	146	136	83	76	75	116	72	56	101

D Withheld to avoid disclosure of individual company data. NA Not available.

Source: U.S. Bureau of Mines, *Minerals Yearbook*, and *Mineral Facts and Problems*.

No. 1278. Bauxite—Summary: 1970 to 1984

[See also *Historical Statistics, Colonial Times to 1970*, series M 256-257]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Production:												
Crude ore	Mil. lg. ton	2.5	2.2	2.4	2.4	2.0	2.2	1.8	1.8	.9	.8	1.0
Dried bauxite	Mil. lg. ton	2.1	1.8	2.0	2.0	1.6	1.8	1.5	1.5	.7	.7	.8
Value	Mil. dol	30.1	25.1	26.6	27.6	23.2	24.9	22.4	26.5	12.3	11.3	15.6
Imports [1] (crude, dried)	Mil. lg. ton	13.6	11.5	12.5	12.9	13.8	13.6	13.9	12.6	10.0	7.5	9.3
Jamaica	Mil. lg. ton	7.5	5.4	6.2	6.4	6.4	6.4	6.0	5.3	4.0	3.0	3.7
Guinea	Mil. lg. ton	.5	2.6	3.0	3.0	3.4	3.9	4.0	3.5	4.1	3.5	3.7
Suriname	Mil. lg. ton	2.9	1.9	1.5	1.9	2.3	1.5	1.3	1.1	.4	.2	.3
Value [2]	Mil. dol	159.6	245.1	315.1	349.5	397.5	389.1	(NA)	(NA)	(NA)	(NA)	(NA)
Exports (as shipped)	1,000 lg. ton	3	19	15	26	13	15	21	20	48	73	81
Value	Mil. dol	.2	1.7	1.3	2.3	1.5	3.3	(NA)	(NA)	(NA)	(NA)	(NA)
Consumption (dry equivalent)	Mil. lg. ton	15.7	12.4	13.8	14.3	14.5	15.4	15.7	13.3	9.1	9.0	10.4
World production, est	Mil. lg. ton	56.9	73.6	76.2	80.1	79.7	84.2	87.8	84.1	76.9	77.6	83.3

NA Not available. [1] Includes countries not shown separately. [2] See footnote 1, table 1245.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1279. Aluminum—Summary: 1970 to 1984

[See also *Historical Statistics, Colonial Times to 1970*, series M 258-262]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Production	Mil. sh. ton	4.8	4.9	5.4	5.8	6.1	6.4	6.5	6.4	5.2	5.4	6.4
Primary aluminum	Mil. sh. ton	4.0	3.9	4.3	4.5	4.8	5.0	5.1	4.9	3.6	3.7	4.5
Plant capacity	Mil. sh. ton	4.3	5.0	5.2	5.2	5.2	5.3	5.5	5.5	5.5	5.5	5.4
Secondary aluminum [1]	Mil. sh. ton	.8	1.0	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.7	1.9
Value [2] (primary metal)	Bil. dol	2.6	3.7	4.8	6.0	6.6	7.8	9.3	9.8	8.0	8.5	10.4
Primary aluminum	Bil. dol	2.2	3.0	3.8	4.7	5.2	6.1	7.3	7.5	5.5	5.8	7.3
Price (cents per lb.[3])	Cents/lb	28.7	39.8	44.5	51.6	54.0	61.0	71.6	76.0	76.0	77.8	81.0
Secondary aluminum	Bil. dol	.5	.8	1.0	1.3	1.4	1.7	2.0	2.3	2.5	2.7	3.1
Imports for consumption [4]	1,000 sh. ton	468	550	749	836	1,080	840	713	935	968	1,203	1,628
Value	Bil. dol	.2	.4	.6	.8	1.1	1.0	1.0	1.4	1.3	1.6	2.5
Exports [4]	1,000 sh. ton	612	440	484	411	520	773	1,483	867	824	855	809
Value	Bil. dol	.4	.4	.5	.5	.7	1.1	2.4	1.5	1.2	1.3	1.3
Shipments [5] (net domestic)	Mil. sh. ton	4.5	4.6	5.8	6.1	6.8	6.9	6.1	6.2	5.6	6.4	7.2
World production, est	Mil. sh. ton	10.6	13.4	13.9	15.2	15.6	16.0	17.0	16.6	14.6	15.4	17.1
World plant capacity	Mil. sh. ton	12.0	16.4	17.6	18.0	18.9	19.4	18.7	19.0	19.2	19.5	20.1

[1] Recoverable aluminum content from scrap, old and new. [2] Based on published producers' prices for primary metal.
[3] Average of prices for primary aluminum, 1970-1978, quoted by *American Metal Market*; thereafter *Metals Week*.
[4] Crude and semicrude (including metal and alloys, plates, bars, etc., and scrap). [5] Compiled by Aluminum Association from data on net shipments of aluminum ingot and mill products. Includes changes in aluminum industry and government inventories and net trade.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1280. Magnesium—Summary: 1970 to 1984

[**In thousands of short tons, except as indicated.** Magnesium metal is used primarily in the manufacturing of aircraft, automotive, and other types of transportation equipment, material-handling equipment, power tools, and alloying with other metals]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Production (domestic)	124	148	151	159	185	200	209	200	145	161	207
Primary [1]	112	120	120	126	149	162	169	154	102	115	159
Secondary (recovered from scrap)	12	28	31	33	36	37	40	46	43	46	48
Exports	36	33	13	28	42	54	57	35	40	47	48
Value (mil. dol.)	22.5	48.2	26.9	51.8	75.8	113.8	127.7	90.8	104.8	124.7	136.7
Imports	3	8	15	6	7	5	4	7	5	6	9
Value (mil. dol.)	2.5	11.5	22.7	8.0	10.1	9.0	8.3	17.6	15.6	16.3	25.7
Consumption	93	94	104	104	109	109	96	91	75	82	90
Castings and wrought products	23	19	17	20	19	19	17	15	14	15	14
Alloys (aluminum)	37	47	54	56	59	61	54	51	40	46	49
Other	33	28	33	28	31	29	24	25	21	21	27
Price per pound (cents)	35	82	87–92	96–99	99–101	101–109	107–125	125–134	134	138	143–148
World production (primary)	242	258	275	284	318	339	348	336	277	286	358

[1] For 1975–1980, figures are the difference between total North American production reported by the International Magnesium Association and Canadian production.

No. 1281. Platinum-Group Metals—Summary: 1970 to 1984

[**In thousands of troy ounces, except as indicated.** The platinum group is comprised of six closely related metals. The metals commonly occur together in nature and are among the scarcest of the metallic elements. The metals are refractory, are chemically inert toward a wide variety of materials even at high temperatures; are used as catalysts in the chemical, petroleum refining, and automotive industries, and as corrosion-resistant materials in the chemical, electrical, glass, and dental-medical industries]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984 [1]
World mine production, total [2]	4,239	5,714	6,229	6,511	6,440	6,487	6,848	6,931	6,424	6,524	7,053
United States	17	19	6	6	8	7	3	7	8	6	15
U.S.S.R.	2,200	2,650	3,050	3,100	3,150	3,200	3,250	3,350	3,500	3,600	3,700
South Africa	1,503	2,600	2,700	2,870	2,860	3,017	3,100	3,110	2,600	2,600	2,900
Primary refined	21	17	7	5	8	8	3	7	9	9	24
Secondary refined	350	270	215	195	257	309	331	392	344	303	339
Imports	1,411	1,820	2,667	2,510	2,921	3,479	3,502	2,850	2,494	3,218	4,474
Value (mil. dol.)	105	273	292	273	450	841	1,177	800	554	753	1,118
Exports	414	660	512	427	703	900	765	863	836	1,229	1,162
Value (mil. dol.)	43	88	53	46	102	202	341	302	182	310	275
Consumption [3]	1,331	1,309	1,603	1,592	2,260	2,756	2,206	1,921	1,873	1,914	2,469
Industry stocks, Jan. 1	1,068	1,122	849	1,086	1,013	861	761	973	918	1,107	943
Producer price per troy ounce (dol.):											
Platinum	133	164	162	162	237	352	439	475	475	475	475
Palladium	38	93	51	60	71	113	214	130	110	130	147
Rhodium	215	338	348	441	510	733	766	641	600	600	625
Iridium	156	477	325	258	300	257	505	600	600	600	600
Ruthenium	53	60	60	60	56	45	45	45	45	45	[4] 45
Osmium	215	200	200	175	150	150	150	150	137	110	([5])

[1] Preliminary. [2] Includes countries not shown separately. [3] Reported sales to consumers. [4] Price suspended June 7, 1984. [5] Price suspended Jan. 13, 1984.

No. 1282. Titanium—Summary: 1970 to 1984

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Ilmenite concentrate:												
Mine shipments	1,000 sh. ton	921	702	618	542	581	646	594	524	233	(D)	(D)
Value	Mil. dol	18.6	26.9	27.6	25.2	25.6	33.0	32.0	37.0	19.1	(D)	(D)
Imports	1,000 sh. ton	96	122	168	335	309	184	357	236	348	259	410
Value	Mil. dol	1.0	2.1	2.6	5.7	4.5	2.8	6.7	5.9	8.8	9.3	11.1
Consumption	1,000 sh. ton	972	748	822	867	792	791	849	856	583	731	783
Titanium dioxide pigments:												
Production	1,000 sh. ton	655	603	713	687	701	742	727	761	660	760	799
Imports for consumption	1,000 sh. ton	60	26	68	115	118	105	98	125	139	175	194
Apparent consumption	1,000 sh. ton	(NA)	596	754	785	802	837	753	806	741	853	880
Price, Dec. 31:												
Anatase	Cents/lb	26	39	41	44	46	53	57	69	69	69	69
Rutile	Cents/lb	26–27	44	47	49	51	59	63	75	75	75	75
World production:												
Ilmenite concentrate	1,000 sh. ton	3,109	3,194	3,490	3,653	3,875	3,910	4,107	4,023	3,340	[1] 2,967	[1] [2] 3,193
Titanium slag	1,000 sh. ton	853	832	901	765	1,037	842	1,313	1,245	1,157	[2] 1,160	[1] 1,260
Rutile concentrate, natural [1]	1,000 sh. ton	460	422	445	401	333	390	480	399	374	[3] 351	[2] 391

D Withheld to avoid disclosing company proprietary data. NA Not available. [1] Excludes U.S. production data to avoid disclosing company proprietary data. [2] Estimated. [3] Preliminary.

Source of tables 1280–1282: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1283. Chromite—Summary: 1970 to 1984

[In thousands of short tons, except as indicated]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Imports for consumption [1]	1,405	1,252	1,275	1,293	1,013	1,024	982	898	507	190	305
Value (mil. dol.)	31.8	60.7	70.0	68.7	51.4	55.6	56.5	49.9	29.7	10.4	15.5
South Africa	407	289	438	659	490	353	405	482	277	144	235
Soviet Union	248	349	189	80	157	250	170	111	34	(Z)	-
Philippines	210	210	166	172	185	194	138	145	70	13	48
Exports	41	139	124	187	23	27	6	71	8	11	55
Reexports	73	45	85	61	29	28	44	67	57	5	4
Consumption, total	1,403	881	1,006	1,000	1,010	1,214	977	889	558	320	512
Metallurgical industry	912	532	597	578	534	774	577	503	283	64	226
Refractory industry	278	183	202	208	237	198	160	148	80	72	97
Chemical industry	213	166	207	214	239	242	240	238	195	184	189
Stocks, Dec. 31 (consumer)	733	952	1,009	1,338	1,301	907	675	728	545	456	327
World production [1]	6,672	9,136	9,362	10,415	12,064	10,277	10,915	10,224	9,193	9,387	10,468
South Africa	1,573	2,288	2,656	3,372	3,466	3,634	3,763	3,164	2,385	2,460	3,314
Soviet Union	1,930	2,290	2,300	2,400	3,640	2,535	3,200	3,200	3,240	3,240	3,300
Philippines	624	573	475	593	595	613	547	484	355	294	300

- Represents zero. Z Fewer than 500 short tons. [1] Includes countries not shown separately.

Source: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1284. Ferroalloys—Summary: 1970 to 1984

[Domestic production data for ferroalloys are developed by the Bureau of Mines by means of monthly and annual surveys. The major consumers of ferroalloys are the steel and ferrous foundry industries; see tables 1367–1370]

ITEM	QUANTITY (1,000 sh. tons)						VALUE (mil. dol.)					
	1970	1975	1980	1982	1983	1984	1970	1975	1980	1982	1983	1984
Domestic shipments [1]	**2,489.6**	**1,768.1**	**1,486.1**	**826.0**	**869.0**	**1,153.9**	**548.1**	**906.7**	**1,129.9**	**652.2**	**551.3**	**760.5**
Ferromanganese [2]	807.4	556.1	194.3	98.4	108.9	185.5	134.5	222.5	99.6	65.0	53.8	106.3
Silicomanganese	173.0	126.4	161.6	82.9	63.1	([3])	32.0	53.9	70.3	40.8	21.2	([3])
Manganese metal	(NA)	22.1	(NA)	18.1	(D)	([3])	(NA)	(NA)	(NA)	25.3	(D)	([3])
Ferrosilicon	659.2	709.9	681.4	317.3	361.0	498.1	136.2	321.5	442.6	161.7	180.3	259.4
Silicon metal	97.7	131.1	124.5	80.8	123.1	139.4	(NA)	(NA)	(NA)	102.8	113.5	171.8
Chromium alloys	370.9	223.5	237.5	119.3	53.2	120.8	126.3	177.5	179.9	83.7	53.4	102.1
Ferrocolumbium	1.4	.5	1.3	(D)	(D)	(D)	9.4	3.5	34.5	(D)	(D)	9.8
Ferrophosphorus	176.1	96.0	85.4	(D)	62.1	113.5	6.5	10.9	13.1	(D)	7.0	18.1
U.S. exports	(NA)	(NA)	**155.5**	**48.2**	**75.4**	**133.5**	(NA)	(NA)	**173.8**	**81.3**	**100.8**	**165.0**
Ferroalloys	151.1	97.4	128.5	42.6	66.1	124.8	55.7	58.9	93.1	40.4	41.9	66.9
Metals [1]	(NA)	(NA)	27.0	5.6	9.4	8.8	(NA)	(NA)	80.7	40.9	58.9	98.1
Silicon	(NA)	(NA)	14.4	2.4	2.8	4.4	(NA)	(NA)	65.5	34.3	47.8	88.5
Manganese	3.0	3.3	12.3	2.9	6.4	4.1	2.0	3.3	11.5	3.9	8.5	5.9
U.S. imports	(NA)	**927.3**	**1,149.1**	**843.0**	**1,009.6**	**1,219.1**	(NA)	**482.9**	**643.7**	**405.0**	**448.7**	**600.5**
Ferroalloys	385.5	913.6	1,115.9	810.2	973.1	1,176.8	60.5	466.0	585.9	363.0	403.3	537.0
Manganese alloys	305.5	451.9	683.5	554.8	481.4	548.0	33.3	151.4	240.8	176.0	133.3	162.5
Ferrosilicon	22.4	70.4	71.2	76.7	159.4	143.7	4.1	42.0	42.6	40.3	67.4	72.9
Chromium alloys	41.3	322.9	302.3	148.3	281.7	433.8	9.6	192.7	155.8	80.8	109.7	187.2
Metals	(NA)	13.7	33.2	32.8	36.5	42.3	(NA)	16.9	57.8	42.0	45.4	63.5
Silicon	(NA)	7.7	21.3	25.7	27.5	24.3	(NA)	6.2	21.4	26.7	26.4	26.5
Chromium	1.9	1.6	4.1	1.9	3.1	4.7	3.1	6.6	28.4	10.1	13.7	24.1
Manganese	1.3	4.4	7.9	5.2	6.0	13.3	.5	4.0	8.0	5.2	5.3	13.0

D Withheld to avoid disclosure of individual company data. NA Not available. [1] Includes other not shown separately. [2] Includes fused-salt electrolytic law and medium-carbon ferromanganese. [3] Included with ferromanganese.

Source: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1285. Beryllium—Summary: 1970 to 1984

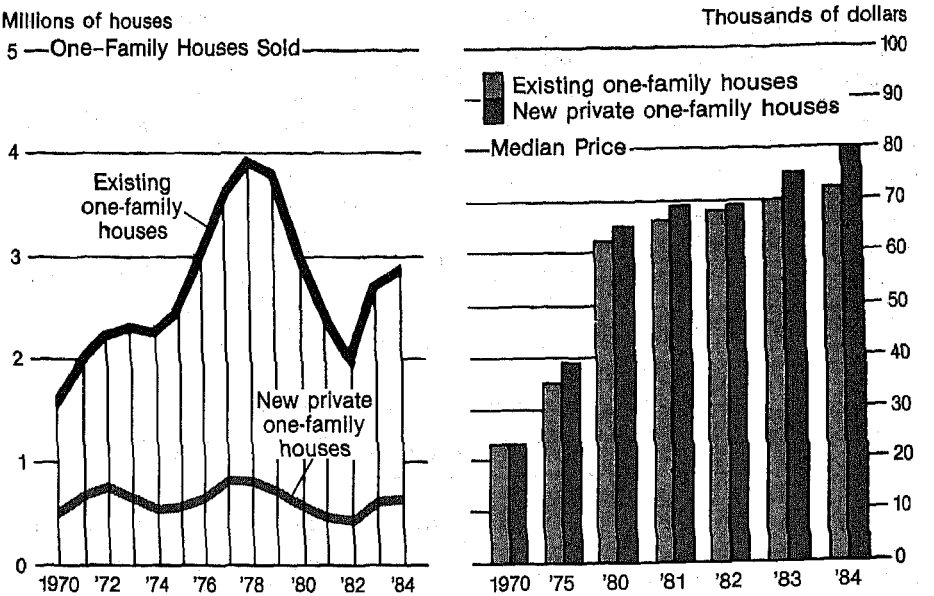
[**In short tons, except as indicated** Represents beryllium mineral concentrates. Beryllium has great stiffness, (exceeding that of other metals, including steels), useful heat dissipation properties, a very high strength-to-weight ratio, useful nuclear moderating and reflecting properties, and excellent corrosion resistance. Its major use is as a beryllium-copper alloy in communications, computers, switching, and other electronic and electrical applications]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Imports for consumption	4,942	1,479	1,058	746	1,031	1,037	1,703	2,138	2,652	2,194	1,332
Consumption [1]	9,496	4,850	3,740	4,165	5,916	9,518	8,508	8,141	5,387	6,989	9,003
Price, per short ton unit BeO [2] (dollars)	35	32	36	40	40	47	69	94	121	126	88
Yearend stocks [1]	5,698	3,546	3,957	3,557	1,346	835	1,350	2,223	5,112	7,037	5,653
World production of beryl	6,857	3,290	2,553	2,844	2,888	2,642	10,272	10,579	8,875	10,335	9,670

[1] Includes bertrandite ore which was calculated as equivalent to beryl containing 11% BeO. [2] Approximate. Imported cobbed beryl at port of exportation.

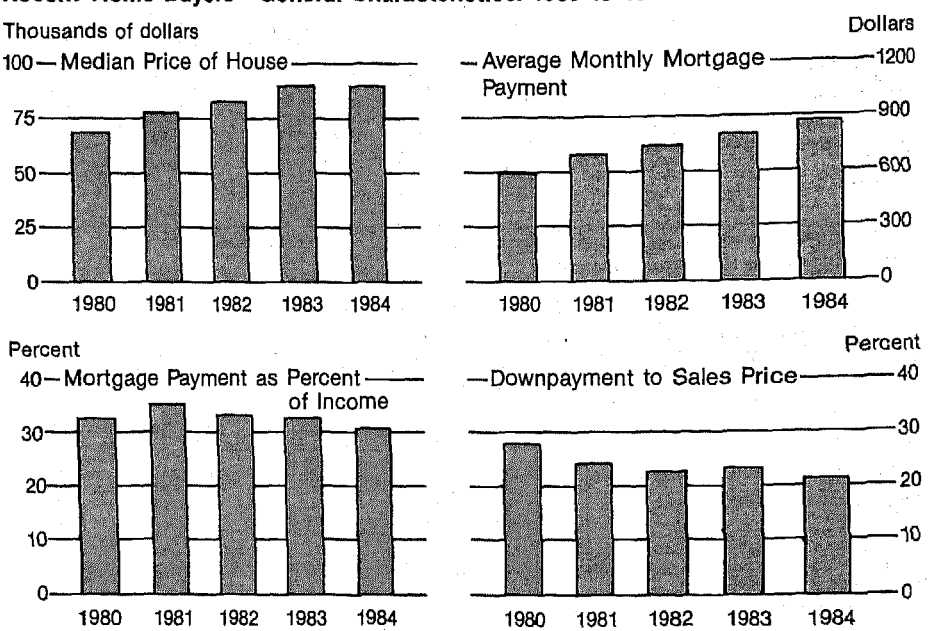
Source: U.S. Bureau of Mines, *Minerals Yearbook.*

Figure 28.1
Existing and New Private One-Family Houses Sold and Sales Price: 1970 to 1984

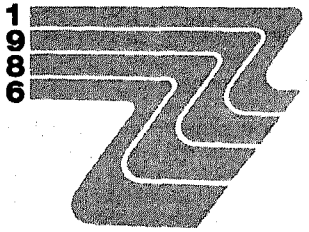


Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1301, 1302 and 1304.

Figure 28.2
Recent Home Buyers—General Characteristics: 1980 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1323.



Section 28

Construction and Housing

This section presents data on the construction industry and on various indicators of its activity and costs; on housing units and their characteristics and occupants; on public housing; on mortgages; and on nonresidential buildings.

The principal source of these data is the U.S. Bureau of the Census, which issues a variety of current publications. Construction statistics compiled by the Bureau appear in its monthly *Construction Reports* series with various quarterly or annual supplements; *Housing Starts* and *Housing Completions* present data by type of structure and by 4 major census regions; *New One-Family Houses Sold and For Sale* also provides statistics annually on physical and financial characteristics for all new housing by the 4 major census regions; *Value of New Construction Put in Place* includes monthly composite construction cost indexes; *Price Index of New One-Family Houses Sold* presents quarterly figures and annual regional data; and *Housing Units Authorized by Building Permits and Public Contracts* covers approximately 17,000 permit-issuing jurisdictions in the United States. Statistics on expenditures by owners of residential properties are issued quarterly and annually in *Residential Alterations and Repairs.* Reports of the censuses of construction industries (see below) are also issued on various topics.

Other Census Bureau publications include the *Current Housing Reports* series, which comprises the quarterly *Housing Vacancies,* the quarterly *Market Absorption of Apartments,* the Annual Housing Survey and reports of the censuses of housing and of construction industries. *Construction Review,* published quarterly by the International Trade Administration, U.S. Department of Commerce, contains many of the census series and other construction statistics series from the Federal Government and private agencies.

Other sources include the monthly *Dodge Construction Potentials* of F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, NY, which presents State data on construction contracts; the Bureau of Economic Analysis, which presents data on residential capital and gross housing product; and the Federal Home Loan Bank Board, the Department of Housing and Urban Development (HUD), and the Veterans Administration, which publish financial data. Data on conventional home mortgages are provided by the Federal Home Loan Bank Board. The Department of Housing and Urban Development provides data on the gross flow of long-term mortgage loans in its study, *The Supply of Mortgage Credit, 1970–1979.* Data on mortgages insured by the Federal Housing Administration (FHA) and on VA-guaranteed loans are also presented in this section. In addition, the *Statistical Yearbook,* published by HUD through the 1979 issue, also contained housing data.

Censuses and surveys.—Censuses of the construction industry were first conducted by the Bureau of the Census for 1929, 1935, and 1939; beginning in 1967, a census has been taken every five years (for years ending in "2" and "7"). The latest reports are for 1982.

The 1982 Census of Construction Industries, in accordance with the 1972 *Standard Industrial Classification Manual* (see text, page 388), defines a construction establishment as a relatively permanent place of business where the usual business activities related to construction are conducted.

From 1850 through 1930, the Bureau of the Census collected some housing data as part of its censuses of population and agriculture. Beginning in 1940, separate censuses of housing have been taken at 10-year intervals: For the 1970 and 1980 censuses, data on year-round housing units were collected and issued on occupancy and structural characteristics, plumbing facilities, value, and rent.

Evaluation studies of the 1950, 1960, 1970, and 1980 censuses estimated the underenumeration of occupied housing units at 2.9 percent, 2.4 percent, 1.7 percent, and 1.5 percent respectively. The missed rate in 1980 for all housing units was 2.6 percent or approximately 2.3 million units, 1 million of which were vacant housing units.

The Annual Housing Survey (*Current Housing Reports*, series H-150 and H-170), which began in 1973, provided an annual and ongoing series of data on selected housing and demographic characteristics until 1983. In 1985 the name of the survey was changed to the American Housing Survey. It is currently based on a biennial national sample and on 11 annual MSA samples. All samples represent a cross section of the housing stock in their respective areas. Estimates are

subject to both sampling and nonsampling errors; caution should therefore, be used in making comparisons with 1970 and 1980 census data.

Data on residential mortgages were collected continuously from 1890 to 1970, except 1930, as part of the decennial census by the Bureau of the Census. Since 1973, mortgage status data, which are limited to single family homes on less than ten acres with no business on the property, have been presented in the Annual Housing Survey.

Housing units.—In general, a housing unit is a group of rooms or a single room occupied or intended for occupancy as separate living quarters; that is, the occupants do not live and eat with any other persons in the structure, and there is either (1) direct access from the outside or through a common hall, or (2) complete kitchen facilities for the exclusive use of the occupants. Transient accommodations, barracks for workers, and institutional-type quarters are not counted as housing units.

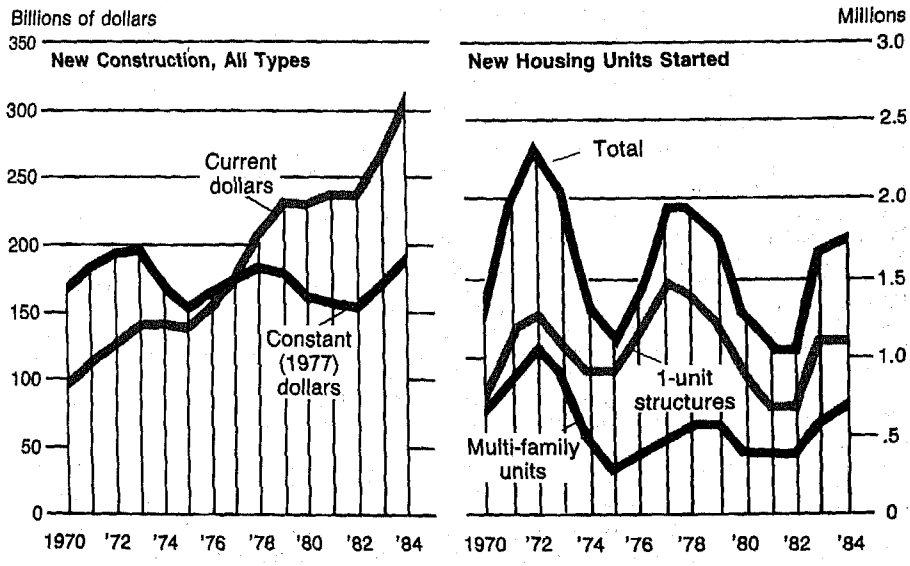
Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

Figure 28.3

New Construction—Value of Total Construction and Number of Housing Units Started: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1290, 1291, and 1298.

No. 1286. Construction Industries—Summary, by Industry: 1972 to 1982

[Based on a probability sample of about 167,000 construction establishments with payroll in 1972, 181,000 in 1977, and 172,000 in 1982; see Appendix III. N.e.c. = Not elsewhere classified]

Industry	Establishments with payroll (1,000)	Employees (1,000)		Payroll (mil. dol.)		Receipts (mil. dol.)		Value added [2] (mil. dol.)
		Total	Construction workers	Total	Construction workers	Total	Net construction [1]	
1972, total	**437.9**	**4,146**	**3,487**	**40,005**	**32,187**	**155,850**	**111,232**	**68,197**
Contract construction	430.0	4,083	3,464	39,528	32,036	152,722	110,716	67,810
General building contractors	133.1	1,150	938	10,159	7,740	64,350	33,245	17,884
Heavy construction contractors	28.0	827	709	9,255	7,537	31,461	25,357	16,200
Special trade contractors	269.0	2,107	1,817	20,114	16,759	56,911	52,114	33,726
1977, total	**480.0**	**4,273**	**3,565**	**54,980**	**43,112**	**224,665**	**164,516**	**98,864**
Contract construction	474.9	4,234	3,548	54,566	42,963	221,622	163,463	98,116
General building contractors	156.0	1,181	963	13,537	10,041	89,787	48,262	25,040
Heavy construction contractors	31.3	917	757	14,267	10,988	50,728	40,272	26,573
Special trade contractors	287.7	2,136	1,827	26,762	21,934	81,108	74,929	46,502
1982, total	**456.7**	**4,275**	**3,453**	**78,666**	**60,175**	**324,512**	**233,267**	**145,965**
Contract construction	450.8	4,235	3,438	78,097	60,017	321,100	232,005	144,946
General building contractors	123.2	994	756	17,049	11,647	117,111	57,367	33,588
Single-family houses	72.1	310	253	3,608	2,749	20,129	14,116	7,877
Other residential buildings	7.5	63	50	1,078	760	7,953	3,570	1,951
Operative builders	14.1	108	53	1,874	710	18,085	8,920	5,492
Industrial buildings and warehouses	7.4	154	122	3,231	2,344	18,119	9,294	5,756
Nonresidential buildings, n.e.c	22.1	360	278	7,260	5,085	52,825	21,547	12,512
Heavy construction contractors	28.2	852	703	19,444	15,359	71,024	54,654	36,060
Highway and street construction	10.1	213	180	3,989	3,138	19,035	14,987	8,633
Bridge, tunnel, and elevated highway	1.0	38	32	816	665	3,549	2,812	1,468
Water, sewer, and utility lines	9.4	187	160	3,576	2,907	12,129	10,462	7,005
Heavy construction, n.e.c	7.7	415	329	11,063	8,649	36,310	26,392	18,953
Special trade contractors [3]	299.4	2,389	1,979	41,605	33,011	132,965	119,984	75,299
Plumbing, heating, air-conditioning	60.2	512	398	9,861	7,477	33,521	28,846	16,962
Painting, paperhanging, decorating	24.8	136	121	1,676	1,589	4,688	4,399	3,360
Electrical work	39.6	435	352	9,107	7,347	28,441	25,252	15,123
Masonry and other stonework	20.2	121	110	1,551	1,344	4,333	4,046	2,667
Plastering, drywall, insulation	16.4	200	172	3,573	2,930	10,206	9,215	6,009
Carpentering	30.8	133	117	1,612	1,352	5,512	4,759	2,929
Roofing and sheet metal work	21.1	191	159	3,035	2,921	10,034	9,315	5,460
Concrete work	20.0	157	138	2,310	1,902	8,377	7,447	4,492
Structural steel erection	3.7	62	53	1,291	1,056	3,650	3,233	2,376
Excavating and foundation work	19.6	136	115	2,152	1,757	8,473	7,337	5,507
Installing building equipment, n.e.c	3.8	60	49	1,449	1,145	4,256	3,971	2,952
Special trade contractors, n.e.c	25.1	172	136	2,960	1,931	9,379	8,324	5,306
Subdividers and developers, n.e.c	5.9	40	15	569	157	3,425	1,263	1,019

[1] Construction receipts less payments for construction work subcontracted to others, not shown separately. [2] Total receipts less (*a*) payments for materials, components, and supplies, (*b*) payments for construction work subcontracted to others, not shown separately. [3] Includes other industries each with less than $3.0 billion in total receipts, not shown separately.

Source: U.S. Bureau of the Census, *Census of Construction Industries, 1972, 1977,* and *1982,* series CC.

No. 1287. Construction Materials—Producer Price Indexes: 1970 to 1984

[**1967=100, except as noted.** For discussion of producer price index, see text, p. 467. Covers materials incorporated as integral part of a building or normally installed during construction and not readily removable. Excludes consumer durables such as kitchen ranges, refrigerators, etc. See also *Historical Statistics, Colonial Times to 1970,* series N 140-155]

Commodity	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
All materials	**112.5**	**174.0**	**187.7**	**204.9**	**228.3**	**251.4**	**266.4**	**283.0**	**288.0**	**297.7**	**306.4**
Softwood lumber: Douglas fir	108.7	212.0	250.7	291.4	339.7	383.9	353.0	311.8	266.2	361.5	328.1
Southern pine	114.7	175.3	217.4	262.5	304.6	324.2	297.4	291.6	285.9	319.9	319.8
Hardwood lumber	114.6	160.3	176.0	200.3	235.8	260.0	252.0	255.2	262.4	283.7	319.7
Millwork	116.0	160.4	176.9	193.7	235.4	254.3	260.4	273.4	279.4	302.3	307.8
Plywood	108.4	161.2	187.0	212.2	235.6	250.5	246.5	245.7	232.1	244.1	241.6
Building paper and board	101.0	127.1	138.8	157.0	187.4	182.4	206.2	231.7	239.5	250.0	259.0
Prepared paint	112.4	166.9	174.4	182.4	192.3	204.4	235.3	249.8	262.8	264.7	272.5
Finished steel products:											
Line pipe, carbon	113.2	227.8	234.6	260.5	296.6	303.4	336.3	394.2	416.8	406.4	405.6
Reinforcing bars [1]	42.9	77.4	70.9	72.2	80.9	101.4	106.7	107.0	99.7	92.4	98.9
Galvanized sheets and strip [1]	34.0	58.7	63.6	69.2	75.3	83.8	86.1	97.9	100.0	106.3	113.7
Wire nails, 8d common	114.8	241.4	243.6	261.3	273.5	298.5	331.9	356.9	365.3	358.0	363.0
Nonferrous metal products	124.7	171.6	181.6	195.4	207.8	261.7	305.0	285.8	283.6	276.1	277.1
Aluminum drawn tube, 6,000 alloy [2]	100.7	159.9	163.1	174.1	189.7	216.1	242.2	265.9	282.9	285.5	310.5
Plumbing fixtures	111.2	162.3	174.1	186.6	199.1	217.1	246.7	267.5	278.7	289.3	302.7
Heating equipment	110.6	150.7	158.0	165.5	174.4	187.1	206.5	224.2	237.2	243.6	252.9
Metal doors, sash, trim	113.0	162.5	171.3	188.7	207.6	229.6	255.2	278.8	290.5	298.8	309.6
Concrete ingredients	112.6	172.3	186.7	199.0	217.7	244.0	274.0	296.3	310.0	313.3	325.7
Concrete products	112.2	170.5	180.1	191.8	214.0	244.1	273.9	291.2	297.8	302.0	309.6
Structural clay products	109.9	151.2	163.5	179.8	197.2	217.9	231.5	249.8	260.8	277.8	286.8
Gypsum products	99.7	144.0	154.4	163.5	229.1	252.3	256.3	256.2	256.1	286.0	346.7
Asphalt roofing	102.7	225.9	238.3	253.0	292.0	325.3	396.8	407.5	398.4	384.0	399.5
Insulation materials	123.2	196.2	212.6	235.9	250.7	256.3	287.9	(NA)	356.6	369.7	370.7

NA Not available. [1] June 1982=100. [2] Dec. 1969=100.

Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes,* monthly and annual.

No. 1288. Price and Cost Indexes for Construction: 1970 to 1984

[1977=100. Excludes Alaska and Hawaii, except as noted. Indexes of certain of these sources are published on bases different from those shown here. See *Historical Statistics, Colonial Times to 1970,* series N 118-137, for construction cost indexes on a 1947-49 base]

ITEM	1970	1975	1976	1978	1979	1980	1981	1982	1983	1984
Price index for new one-family houses sold [1]	55.3	81.7	88.7	114.5	130.8	145.2	157.4	161.5	165.5	171.9
Construction cost indexes:										
Dept. of Commerce composite [2]	56.8	89.3	92.4	113.0	128.8	143.2	151.9	154.2	157.3	163.7
Federal Highway Admin.: Highways [3]	58.0	96.7	93.4	119.4	142.6	163.0	156.7	146.8	146.5	155.0
Environmental Protection Agency:										
Sewers	51.2	88.5	94.1	109.5	123.2	133.6	142.2	(NA)	(NA)	(NA)
Sewage treatment plant	51.6	89.8	94.3	109.5	120.4	131.3	142.5	(NA)	(NA)	(NA)
Federal Energy Regulatory Commission:										
Pipeline	54	93	98	112	121	133	145	147	149	151
American Appraisal Co.: Building construction [4]	57	86	94	109	118	125	132	(NA)	(NA)	(NA)
Turner Construction Co.: Building construction [5]	62	95	97	106	118	131	144	156	164	172
E. H. Boeckh, building cost index: [6]										
Small residential structures	56.5	84.7	91.7	109.0	119.0	128.9	136.0	147.5	156.2	165.1
Apartments, hotels, and office buildings	57.5	85.6	92.4	106.5	114.7	125.1	137.4	150.0	159.6	166.8
Commercial and factory buildings	55.6	85.3	92.6	107.5	117.1	127.7	140.1	151.9	159.9	166.2
Engineering News-Record: [7]										
Building construction	54.1	84.6	92.3	108.4	117.8	125.9	135.9	144.7	154.4	158.6
General construction	53.8	85.8	93.1	107.7	116.5	125.6	137.3	148.5	157.8	161.0
Handy-Whitman public utility: [8]										
Building	53	93	95	109	121	135	142	142	146	152
Electric light and power [9]	52	88	94	106	116	127	139	146	151	154

NA Not available. [1] Includes value of site. [2] Covers both building and nonbuilding construction, excluding maintenance and repair. Represents a weighted average of various indexes used for different types of construction. [3] Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforcing steel, structural steel, and structural concrete). [4] Average for 30 cities of 4 types of buildings: Wood-frame, brick-wood frame, brick-steel frame, and reinforced concrete. Covers materials and labor costs in structural portion of buildings but excludes those for plumbing, heating, lighting, sprinklers, and elevators. Reflects employee-benefit costs, and allows for contractors' overhead and profit. [5] Eastern cities. Based on firm's cost experience with respect to labor rates, materials prices, competitive conditions, efficiency of plant and management, and productivity. Reflects payment of sales taxes and employee-benefit costs. [6] Average of 20 cities for types shown. Weights based on surveys of building costs. Wage rates used for both common and skilled labor. Reflects payment of sales taxes and Social Security payroll taxes. [7] Building construction index computed on basis of hypothetical unit of construction requiring 6 bbl. of portland cement, 1,088 M bd. ft. of 2" x 4" lumber, 2,500 lb. of structural steel, and 68.38 hours of skilled labor. General construction index based on same materials components combined with 200 hours of common labor. [8] Based on data covering public utility construction costs for 95 items in 6 geographic regions. Covers skilled and common labor; does not reflect tax payments nor employee-benefit costs. [9] As derived by U.S. Bureau of the Census. Covers steam production plants only; excludes hydraulic plants.

Source: U.S. Bureau of the Census. In U.S. Department of Commerce, International Trade Administration, *Construction Review,* bimonthly.

No. 1289. Value of New Construction Put in Place: 1960 to 1984

[**In millions of dollars.** Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. For methodology, see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series N 1-29 and N 66-68]

YEAR	CURRENT DOLLARS					CONSTANT (1977) DOLLARS				
	Total	Private			Public	Total	Private			Public
		Total	Residential buildings	Nonresidential buildings			Total	Residential buildings	Nonresidential buildings	
1960	54,738	38,875	22,975	10,149	15,863	(NA)	(NA)	(NA)	(NA)	(NA)
1965	74,096	52,034	27,934	16,509	22,062	169,981	118,136	62,738	37,834	51,845
1966	76,772	52,765	25,715	18,279	24,007	169,075	115,211	55,605	40,020	53,865
1967	78,452	52,916	25,568	17,589	25,536	166,676	111,552	53,544	36,937	55,124
1968	87,474	59,869	30,565	18,164	27,605	176,224	119,529	60,436	35,973	56,695
1969	94,271	66,318	33,200	21,153	27,952	176,604	123,210	61,314	38,441	53,394
1970	95,204	67,114	31,864	21,412	28,090	167,618	118,405	57581	35,692	49,213
1971	110,301	80,433	43,267	22,478	29,867	182,228	133,660	73,935	34,706	48,568
1972	124,421	94,248	54,288	24,036	30,173	193,998	147,589	86,701	35,294	46,409
1973	138,428	105,927	59,726	27,583	32,501	198,850	152,480	87,033	37,510	46,370
1974	139,221	100,886	50,376	29,637	38,334	170,289	126,032	66,393	33,379	44,258
1975	135,941	95,057	46,472	26,407	40,884	152,198	108,556	56,074	28,011	43,642
1976	151,084	111,961	60,520	26,091	39,123	163,457	122,083	67,737	27,642	41,374
1977	173,829	135,655	80,956	28,695	38,174	173,395	135,299	80,689	28,640	38,097
1978	205,561	159,665	93,424	36,293	45,896	181,987	141,171	81,226	32,224	40,816
1979	230,413	181,621	99,030	47,298	48,792	178,951	141,354	75,958	36,064	37,597
1980	230,712	175,699	87,261	52,434	55,013	161,098	123,559	60,911	35,444	37,539
1981	239,111	185,762	86,566	60,816	53,349	157,387	122,246	55,893	39,356	35,141
1982	236,934	186,092	80,609	65,134	50,842	153,626	120,089	50,900	41,656	33,537
1983	268,732	218,017	121,308	60,309	50,715	170,869	137,534	74,973	38,322	33,335
1984	312,988	257,801	145,059	74,147	55,187	191,225	156,095	85,681	45,396	35,130

NA Not available.

Source: U.S. Bureau of the Census, *Construction Reports,* series C 30.

No. 1290. Value of New Construction Put in Place: 1970 to 1984

[In **millions of dollars, except percent.** Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. For methodology, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series N 1–29 and N 66–69]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total	**95,204**	**135,941**	**173,829**	**205,561**	**230,413**	**230,712**	**239,111**	**236,934**	**268,732**	**312,988**
Average annual percent change [1]	5.2	7.4	13.1	18.3	12.1	.1	3.6	−.9	13.4	16.5
Private	**67,114**	**95,057**	**135,655**	**159,665**	**181,621**	**175,699**	**185,762**	**186,092**	**218,017**	**257,801**
Percent of total	70.5	69.9	78.0	77.7	78.8	76.2	77.7	78.5	81.1	82.4
Residential buildings (incl. farm)	31,864	46,472	80,956	93,424	99,030	87,261	86,566	80,609	121,308	145,059
New housing units	24,272	34,408	65,749	75,808	78,587	63,139	62,664	57,715	95,682	114,620
Structures with—										
1 unit	14,754	27,423	55,271	62,385	60,790	45,662	44,401	41,462	72,203	85,101
2 or more units	9,518	6,986	10,478	13,422	17,798	17,476	18,263	16,253	23,479	29,519
Additions, alterations	6,234	10,925	14,209	16,349	18,236	21,125	20,025	16,673	20,260	23,440
Nonhousekeeping	1,358	1,139	998	1,267	2,206	2,997	3,876	4,221	5,366	7,000
Nonresidential buildings [2]	21,412	26,407	28,695	36,293	47,298	52,434	60,818	65,134	60,309	74,147
Industrial	6,537	8,018	7,712	10,994	14,950	13,637	17,030	17,343	12,861	13,745
Office	9,753	4,973	5,269	6,574	9,461	13,318	17,473	23,049	20,768	25,940
Other commercial		7,833	9,514	11,991	15,463	16,627	16,775	14,235	15,025	22,167
Hospital and institutional	2,529	3,209	3,290	3,347	3,530	4,046	4,907	5,875	6,559	6,297
Religious	929	867	1,046	1,248	1,548	1,637	1,665	1,543	1,780	2,132
Educational	864	567	660	729	806	1,175	1,171	1,356	1,412	1,411
Other nonresidential	800	939	1,203	1,410	1,540	1,794	1,798	1,733	1,905	2,455
Public utilities	11,017	17,379	20,272	23,455	28,258	29,480	32,499	35,388	31,681	33,822
Telephone, telegraph	2,968	3,683	4,345	5,418	6,343	6,793	7,074	7,110	6,471	7,174
Other public utilities	8,049	13,696	15,926	18,037	21,910	22,747	25,424	28,278	25,210	26,648
Electric light, power [3]	5,807	9,688	12,432	14,384	17,480	17,647	19,827	21,884	19,512	19,473
Gas	1,654	1,350	1,560	1,929	2,650	3,035	3,631	3,422	2,290	3,233
Railroads	304	514	737	1,190	1,189	1,256	1,224	2,595	2,951	3,671
Petroleum pipelines	284	1,944	1,197	534	591	809	742	377	457	271
Farm (nonresidential)	1,875	3,731	4,431	5,209	5,588	5,274	4,612	3,692	3,255	2,860
All other private	946	1,068	1,301	1,283	1,452	1,250	1,268	1,269	1,464	1,912
Public	**28,090**	**40,884**	**38,174**	**45,896**	**48,792**	**55,013**	**53,349**	**50,842**	**50,715**	**55,187**
Percent of total	29.5	30.1	22.0	22.3	21.2	23.8	22.3	21.5	18.9	17.6
Buildings	10,656	15,474	12,799	15,241	15,558	18,517	17,792	16,997	17,276	17,883
Educational	5,619	7,760	5,459	6,264	6,903	8,050	6,737	5,927	5,374	5,557
Hospital	838	1,745	1,793	1,822	1,648	1,785	2,083	1,991	2,098	2,039
Industrial	498	918	1,070	1,184	1,112	1,441	1,655	1,632	1,809	1,828
Housing, redevelopment	1,106	754	908	1,053	1,211	1,648	1,722	1,658	1,700	1,636
Other public buildings	2,594	4,296	3,629	4,919	4,684	5,593	5,595	5,789	6,295	6,822
Highways and streets	9,982	10,854	9,380	10,706	11,997	13,770	13,599	13,292	14,142	16,294
Conservation, development	1,907	3,257	3,862	4,457	4,587	5,090	5,300	5,027	4,820	4,654
Military facilities	717	1,389	1,429	1,502	1,647	1,880	1,964	2,205	2,544	2,839
Other public construction	4,827	9,911	10,704	13,989	15,002	15,755	14,693	13,320	11,933	13,516
Sewer systems	1,543	4,801	5,374	6,765	7,298	7,171	5,935	5,529	5,260	6,241
Water supply facilities	1,093	1,765	1,810	2,661	2,490	3,266	3,004	2,902	2,083	2,621
Miscellaneous	2,192	3,345	3,520	4,563	5,215	5,318	5,754	4,889	4,590	4,654
Public ownership:										
State and local government	24,798	34,566	30,855	37,497	40,227	45,372	42,935	40,834	40,158	43,994
Buildings	9,753	13,580	10,501	12,764	13,215	15,699	14,641	14,012	13,886	14,088
Highways and streets	9,728	10,547	8,984	10,285	11,468	13,314	12,848	12,774	13,675	15,825
Conservation, development	540	618	774	597	673	821	896	908	820	727
Other	4,777	9,821	10,595	13,851	14,872	15,538	14,550	13,139	11,777	13,354
Federal government	3,293	6,318	7,320	8,398	8,564	9,641	10,413	10,008	10,557	11,193
Conservation, development	1,367	2,638	3,088	3,860	3,915	4,270	4,404	4,119	4,000	3,927
Buildings	903	1,894	2,298	2,477	2,343	2,818	3,151	2,986	3,390	3,796
Military facilities	717	1,389	1,429	1,502	1,647	1,880	1,964	2,205	2,544	2,839
Misc. (incl. highways and streets)	305	397	505	559	659	673	894	699	624	631

[1] Change from prior year shown; for 1970, change from 1965. Minus sign (−) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Excludes building by privately owned public utilities.
[3] Includes construction with Rural Electrification Administration (REA) funds.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1291. Value of New Construction Put in Place in Constant (1977) Dollars: 1970 to 1984

[In millions of dollars, except percent. For details on derivation of constant values and description of revised series, see source. For description of nature of revisions and deflators used, see *Construction Reports*, series C30-80S]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
New construction	167,618	152,198	173,395	181,987	178,951	161,098	157,387	153,626	170,869	191,225
Average annual percent change [1]	−.3	−1.9	6.7	5.0	−1.7	−10.0	−2.3	−2.4	11.2	11.9
Private	118,405	108,556	135,299	141,171	141,354	123,559	122,246	120,089	137,534	156,095
Percent of total	70.6	71.3	78.0	77.6	79.0	76.7	77.7	78.2	80.5	81.6
Residential buildings [2]	57,581	56,074	80,688	81,226	75,958	60,911	55,893	50,900	74,973	85,681
New housing units	43,873	41,506	65,472	65,891	60,268	44,080	40,484	36,443	59,122	67,689
Structures with—										
1 unit	26,656	33,051	55,016	54,223	46,630	31,858	28,686	26,188	44,608	50,247
2 or more units	17,217	8,455	10,456	11,668	13,638	12,223	11,798	10,255	14,514	17,442
Additions, alterations	11,252	13,190	14,218	14,231	14,003	14,739	12,911	11,793	12,533	13,853
Nonhousekeeping	2,456	1,378	1,000	1,104	1,687	2,092	2,497	2,664	3,318	4,139
Nonresidential buildings [3]	35,692	28,011	28,640	32,224	36,064	35,444	39,356	41,856	38,322	45,396
Industrial	10,895	8,506	7,698	9,734	11,425	9,360	11,018	11,145	8,176	8,418
Office	16,255	5,273	5,263	5,838	7,205	8,995	11,305	14,811	13,197	15,861
Other commercial		8,310	9,486	10,651	11,766	11,242	10,858	9,147	9,543	13,566
Hospital, institutional	4,217	3,404	3,290	2,991	2,702	2,734	3,176	3,775	4,168	3,860
Religious	1,550	920	1,044	1,107	1,160	1,106	1,078	991	1,131	1,305
Educational	1,442	601	659	649	614	793	758	871	897	864
Other nonresidential	1,334	996	1,199	1,255	1,172	1,214	1,164	1,114	1,210	1,503
Public utilities	20,328	19,376	20,249	21,927	23,943	22,792	23,175	24,113	21,191	22,023
Telephone, telegraph	5,050	4,181	4,340	5,136	5,436	5,243	5,117	4,906	4,313	4,695
Other public utilities	15,278	15,195	15,909	16,792	18,508	17,549	18,058	19,206	16,878	17,330
Electric light, power [4]	11,146	11,143	12,414	13,539	14,913	13,830	14,247	14,894	13,056	12,630
Gas	3,065	1,448	1,558	1,721	2,189	2,266	2,491	2,322	1,541	2,131
Railroads	541	547	734	1,060	917	849	809	1,734	1,974	2,390
Petroleum pipelines	526	2,057	1,203	472	489	604	511	256	307	179
Farm (nonresidential)	3,126	3,959	4,425	4,640	4,268	3,562	2,984	2,372	2,068	1,752
All other private	1,678	1,137	1,296	1,155	1,121	849	838	848	980	1,243
Public	49,213	43,642	38,097	40,816	37,597	37,539	35,141	33,537	33,335	35,130
Percent of total	29.4	28.7	22.0	22.4	21.0	23.3	22.3	21.8	19.5	18.4
Buildings	17,922	16,530	12,788	13,550	11,895	12,540	11,515	10,904	10,951	10,917
Educational	9,367	8,235	5,453	5,569	5,273	5,432	4,361	3,808	3,416	3,403
Hospital	1,399	1,852	1,734	1,630	1,261	1,205	1,348	1,280	1,333	1,250
Industrial	831	973	1,069	1,058	852	974	1,071	1,049	1,150	1,120
Housing, redevelopment	1,999	910	909	911	929	1,150	1,112	1,047	1,051	987
Other public buildings	4,325	4,559	3,624	4,382	3,580	3,779	3,621	3,720	4,000	4,178
Highways and streets	17,670	11,146	9,332	9,215	8,585	8,462	8,634	8,995	9,669	10,682
Conservation, development	3,406	3,603	3,855	4,104	3,821	3,821	3,666	3,328	3,165	3,007
Military facilities	1,243	1,489	1,431	1,331	1,248	1,251	1,271	1,439	1,640	1,752
Other public construction	8,972	10,874	10,690	12,616	12,047	11,465	10,057	8,871	7,909	8,772
Sewer systems	2,992	5,379	5,366	6,146	5,971	5,409	4,163	3,658	3,451	4,031
Water supply facilities	2,074	1,935	1,808	2,395	2,048	2,456	2,090	1,946	1,385	1,710
Miscellaneous	3,906	3,559	3,516	4,076	4,029	3,601	3,804	3,267	3,073	3,031

[1] Change from prior year shown; for 1970, change from 1965. Minus sign (−) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Including farm. [3] Excludes building by privately owned public utilities. [4] Includes construction with Rural Electrification Administration (REA) funds.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1292. Value of Privately Owned Nonresidential Building Projects, by Construction Status, 1975 to 1984, and by Type of Project, 1984

[In billions of dollars]

CONSTRUCTION STATUS	1975	1977	1978	1979	1980	1981	1982	1983	1984			
									Total	Industrial	Office building	Other commercial	Other [1]
Value of projects—													
Started	20.1	29.3	38.7	49.0	48.3	65.8	55.5	57.1	73.4	12.4	27.3	23.3	10.4
Completed	28.0	27.7	31.7	40.1	48.4	52.7	56.3	56.3	61.2	11.4	20.5	17.9	11.4
Under construction at year end	41.9	44.6	55.2	68.3	73.5	92.6	97.8	100.7	117.8	26.0	48.4	22.4	21.0

[1] Privately owned religious, educational, hospital and institutional, and miscellaneous nonresidential building projects.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1293. Construction Contracts—Value of Construction, and Floor Space of Buildings, by Class of Construction: 1970 to 1984

[Includes new structures and additions, and major alterations to existing structures which affect only valuation, since no additional floor area is created by "alteration." See also *Historical Statistics, Colonial Times to 1970*, series N 78-100]

YEAR	Total	Residential buildings	Nonresidential buildings								Nonbuilding construction
			Total	Commercial [1]	Manufacturing	Educational [2]	Hospital	Public buildings	Religious	Social and recreational [3]	
VALUE (bil. dol.)											
1970	68.3	24.8	24.6	9.1	3.7	5.3	2.8	1.0	.6	2.1	19.0
1971	80.2	34.7	25.5	9.6	2.6	5.6	3.2	1.5	.6	2.4	19.9
1972	91.2	45.4	27.1	11.5	3.0	4.8	3.5	1.5	.6	2.2	18.7
1973	99.3	45.7	31.4	12.8	4.8	5.1	3.3	2.0	.7	2.7	22.1
1974	93.7	33.6	33.2	11.8	5.6	6.3	3.8	2.1	.8	2.8	27.0
1975	92.7	31.3	31.6	9.2	6.8	5.9	3.7	2.1	.8	3.1	29.8
1976	110.1	44.2	30.0	10.2	4.5	4.9	4.5	2.1	.9	3.0	35.9
1977	139.7	62.0	35.1	13.6	5.4	5.2	4.5	2.3	1.0	3.3	42.6
1978	159.9	74.9	45.0	20.6	9.2	5.7	3.8	1.5	1.2	3.0	39.9
1979	168.4	74.6	50.2	24.4	7.6	6.3	4.8	1.6	1.3	4.1	43.7
1980	148.4	63.7	52.5	24.8	8.4	6.8	5.3	1.6	1.2	4.4	32.2
1981	153.5	60.2	60.1	31.7	8.6	5.8	6.4	1.4	1.2	4.9	33.2
1982	156.2	59.2	59.6	28.2	9.5	6.1	7.8	1.9	1.2	4.8	37.4
1983	193.6	93.6	62.3	33.7	5.3	6.2	8.5	2.1	1.5	5.0	37.8
1984	209.9	100.8	73.2	41.3	7.1	7.6	7.2	2.6	1.7	5.6	35.9
FLOOR SPACE (mil. sq. ft.)											
1970	2,938	1,781	1,157	530	212	195	75	29	27	89	(X)
1971	3,437	2,279	1,156	552	175	189	76	40	26	98	(X)
1972	4,082	2,823	1,260	647	211	157	84	38	27	96	(X)
1973	4,013	2,574	1,439	717	293	156	76	49	28	120	(X)
1974	2,938	1,657	1,282	594	246	176	75	47	27	117	(X)
1975	2,390	1,441	949	409	146	152	63	46	28	105	(X)
1976	2,819	1,867	952	440	152	118	71	42	31	99	(X)
1977	3,536	2,440	1,096	564	175	112	66	43	32	105	(X)
1978	4,101	2,815	1,286	758	219	104	53	22	35	96	(X)
1979	3,905	2,528	1,377	816	243	102	57	20	34	106	(X)
1980	3,092	1,892	1,200	688	216	95	54	18	28	101	(X)
1981	2,797	1,620	1,177	733	187	74	60	14	25	85	(X)
1982	2,442	1,497	945	571	119	74	70	19	25	68	(X)
1983	3,379	2,349	1,029	647	110	74	83	20	29	66	(X)
1984	3,601	2,382	1,218	793	143	89	71	23	29	70	(X)

X Not applicable. [1] Includes nonindustrial warehouses. [2] Includes science. [3] Includes miscellaneous.

No. 1294. Construction Contracts—Value, by State: 1980 to 1984

[**In millions of dollars.** See headnote, table 1293. Represents value of construction in States in which work was actually done]

STATE	1980	1982	1983	1984			STATE	1980	1982	1983	1984		
				Total (incl. nonbldg.)	Residential	Nonresidential					Total (incl. nonbldg.)	Residential	Nonresidential
U.S.	148,393	156,240	193,602	209,861	100,763	73,226	MO	2,613	2,391	3,417	3,774	1,694	1,358
							MT	395	635	649	724	281	179
AL	1,918	2,011	2,764	3,040	1,233	931	NE	830	1,028	987	1,145	433	409
AK	706	1,545	1,964	1,752	560	783	NV	1,167	1,210	1,449	1,299	796	295
AZ	3,137	3,856	5,339	5,945	3,695	1,561	NH	477	544	833	1,041	561	306
AR	1,324	1,585	1,540	1,707	910	462	NJ	3,790	3,676	5,621	6,379	2,846	2,605
CA	17,688	15,542	22,643	26,789	14,374	9,883	NM	1,371	1,354	2,040	1,834	756	702
CO	2,791	4,147	4,757	4,725	2,517	1,702	NY	5,860	6,999	8,169	9,256	3,029	3,646
CT	1,440	1,656	2,280	2,726	1,237	1,018	NC	3,471	3,493	4,934	5,626	3,183	1,698
DE	305	375	472	488	220	175	ND	456	3,096	584	597	267	138
DC	510	794	688	782	214	486	OH	5,221	4,844	5,896	6,246	2,309	2,562
FL	12,847	10,820	14,304	16,880	9,929	5,091	OK	2,300	3,179	4,232	3,284	1,749	1,010
GA	3,939	4,975	5,887	6,620	3,694	2,115	OR	1,926	1,380	1,415	1,782	719	508
HI	1,216	931	708	881	377	330	PA	5,246	4,503	4,938	6,681	2,580	2,710
ID	635	508	545	634	307	200	RI	322	250	511	545	238	196
IL	5,313	4,696	6,058	7,099	2,435	2,829	SC	2,522	2,222	2,663	2,938	1,801	770
IN	2,775	2,893	3,188	3,552	1,467	1,500	SD	421	765	430	516	222	125
IA	1,540	1,280	1,530	1,667	590	583	TN	2,789	2,537	3,530	4,189	2,103	1,408
KS	1,887	1,350	1,957	2,293	1,087	652	TX	13,611	17,842	22,459	20,425	10,368	7,129
KY	2,185	2,611	2,623	2,483	1,253	713	UT	1,116	3,320	3,738	1,615	801	494
LA	3,270	5,751	4,333	4,322	1,854	1,470	VT	258	364	363	430	263	91
ME	538	495	625	682	372	148	VA	3,451	3,592	5,121	6,574	3,273	2,284
MD	3,062	2,992	4,297	4,716	2,423	1,614	WA	4,795	3,395	3,668	3,849	1,841	1,271
MA	2,712	2,891	3,820	4,673	1,956	1,930	WV	855	763	858	832	257	209
MI	4,174	2,536	3,490	4,925	1,910	2,049	WI	2,269	1,805	2,622	2,776	1,121	963
MN	2,746	2,985	4,183	3,835	1,665	1,387	WY	644	721	880	570	148	146
MS	1,561	1,103	1,600	1,721	843	402							

Source of tables 1293 and 1294: F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, NY. Figures reported currently in *Dodge Construction Potentials*.

NO. 1295. VALUE OF PRIVATE CONSTRUCTION AUTHORIZED BY BUILDING PERMITS: 1976 TO 1984

[In billions of dollars. "14,000, 16,000, and 17,000 places" series are based on U.S. total of approximately 14,000, 16,000, and 17,000 places identified in 1972, 1978, and 1984 respectively, with local building permit systems]

TYPE OF CONSTRUCTION	14,000 PLACES			16,000 PLACES							17,000 PLACES
	1976	1977	1978	1978	1979	1980	1981	1982	1983	1984	1984
Total	**64.2**	**82.9**	**96.6**	**101.6**	**107.4**	**102.1**	**103.7**	**98.5**	**127.5**	**153.4**	**155.0**
New housing units	35.5	50.0	55.4	58.9	56.3	47.2	41.9	40.5	69.3	76.7	77.7
In structures with—											
1 unit	29.0	40.0	43.2	46.3	42.6	33.1	28.7	27.4	49.1	53.5	54.3
2-4 units	1.8	2.6	3.0	3.1	3.3	3.3	3.2	2.7	4.3	4.8	4.9
5 units or more	4.7	7.4	9.3	9.6	10.4	10.8	10.0	10.4	15.8	18.3	18.4
New nonhousekeeping residential buildings	1.8	1.0	1.3	1.3	1.6	1.6	2.0	2.6	3.1	3.7	3.7
New nonresidential buildings	19.2	23.7	30.8	32.2	38.3	34.8	39.3	34.8	37.0	46.7	47.2
Industrial buildings	3.9	5.5	7.4	7.8	9.3	8.0	7.9	6.1	5.9	9.1	9.2
Office buildings	3.1	4.3	6.6	6.8	9.1	9.9	14.6	12.9	12.6	15.9	16.1
Stores and other mercantile	4.3	5.7	7.3	7.6	9.0	6.7	6.2	5.5	7.4	9.8	9.9
Hospitals and other institutional	2.4	2.0	2.1	2.1	2.3	1.6	1.7	2.0	2.4	2.0	2.1
All other nonresidential	5.4	6.1	7.4	7.9	8.7	8.7	8.9	8.3	8.9	9.9	9.9
Additions and alterations	7.7	8.2	9.1	9.2	11.2	18.5	20.5	20.6	23.5	26.3	25.4

Source: U.S. Bureau of the Census. In U.S. Department of Commerce, International Trade Administration, *Construction Review.*

NO. 1296. NEW PRIVATELY OWNED HOUSING UNITS AUTHORIZED BY STATE: 1984

[Based on about 17,000 places in U.S. having building permit systems]

STATE	HOUSING UNITS (1,000)			VALUATION (mil. dol.)			STATE	HOUSING UNITS (1,000)			VALUATION (mil. dol.)		
	Total	1 unit	5 or more units	Total	1 unit	5 or more units		Total	1 unit	5 or more units	Total	1 unit	5 or more units
U.S.	**1,681.8**	**922.4**	**616.8**	**77,661**	**54,320**	**18,423**	MO	24.8	12.4	9.5	1,018	682	249
AL	15.3	8.2	5.2	468	324	109	MT	2.8	1.6	.7	129	91	21
AK	6.5	3.6	1.3	484	326	72	NE	5.8	3.9	1.4	254	212	26
AZ	79.2	30.7	44.3	3,138	1,860	1,151	NV	13.7	6.7	5.7	589	394	157
AR	9.7	4.5	3.4	354	227	84	NH	11.1	7.2	2.8	510	402	73
CA	224.7	112.9	91.8	13,336	8,772	3,585	NJ	43.8	32.5	9.0	2,321	1,888	336
CO	44.3	23.4	18.4	1,980	1,346	535	NM	16.5	8.0	7.7	684	475	188
CT	17.8	13.3	3.5	956	788	134	NY	44.7	26.8	12.3	2,424	1,597	666
DE	4.4	2.8	1.3	178	130	37	NC	62.7	38.5	18.6	2,505	1,892	443
DC	.4	.1	.3	31	9	21	ND	3.2	1.4	1.4	131	83	35
FL	204.9	103.1	81.2	8,180	4,991	2,553	OH	29.6	16.3	10.2	1,517	1,117	274
GA	70.3	43.6	21.1	2,897	2,200	553	OK	22.9	11.6	9.8	959	689	219
HI	5.4	4.1	1.0	324	262	48	OR	8.0	6.1	1.4	453	403	36
ID	4.3	3.4	.5	225	196	13	PA	39.4	30.2	6.5	1,782	1,514	194
IL	30.2	19.6	8.0	1,717	1,376	254	RI	4.2	3.0	.6	171	141	14
IN	18.9	11.0	6.3	905	681	162	SC	35.9	19.0	13.9	1,415	905	424
IA	7.0	3.9	2.6	295	213	65	SD	3.2	1.6	1.4	110	75	31
KS	16.7	7.1	7.2	717	480	151	TN	36.8	13.8	17.5	1,273	671	435
KY	13.0	6.2	5.6	483	334	120	TX	195.4	84.6	95.1	8,640	5,747	2,365
LA	28.1	15.0	9.8	1,099	767	245	UT	19.7	8.6	9.7	827	523	248
ME	6.6	4.3	1.7	276	201	55	VT	3.9	2.6	.8	175	137	23
MD	38.5	30.1	8.1	1,803	1,510	280	VA	60.2	43.5	14.2	2,598	2,139	380
MA	29.3	21.2	5.9	1,628	1,340	215	WA	30.4	17.2	10.9	1,556	1,143	333
MI	27.7	17.2	8.7	1,324	1,002	252	WV	2.1	1.3	.6	76	54	19
MN	26.7	16.0	8.9	1,456	1,048	335	WI	17.8	11.0	4.3	802	610	109
MS	11.5	6.5	4.0	417	293	95	WY	1.6	1.2	.2	71	63	5

Source: U.S. Bureau of the Census, *Construction Reports,* series C40, annual.

NO. 1297. NEW HOUSING UNITS STARTED: 1960 TO 1985

[Minus sign (−) indicates decrease. See also *Historical Statistics, Colonial Times to 1970,* series N 156-159]

YEAR	Total (1,000)	Percent change	PRIVATELY OWNED (1,000)		Publicly owned (1,000)	YEAR	Total (1,000)	Percent change	PRIVATELY OWNED (1,000)		Publicly owned (1,000)
			Total	1-unit structures					Total	1-unit structures	
1960	1,296	[1] −16.6	1,252	995	44	1976	1,548	32.2	1,538	1,162	10
1965	1,510	[2] −3.3	1,473	964	37	1977	2,002	29.3	1,987	1,451	15
1966	1,196	−20.8	1,165	779	31	1978	2,036	1.7	2,020	1,433	16
1967	1,322	10.5	1,292	844	30	1979	1,760	−13.6	1,745	1,194	15
1968	1,545	16.9	1,508	899	38	1980	1,313	−25.4	1,292	852	20
1969	1,500	−2.9	1,467	811	33	1981	1,100	−16.2	1,084	705	16
1970	1,469	−2.1	1,434	813	35	1982	1,072	−2.6	1,062	663	10
1971	2,085	41.9	2,052	1,151	32	1983	1,712	59.7	1,703	1,068	9
1972	2,379	14.1	2,357	1,309	22	1984	1,756	2.6	1,750	1,084	6
1973	2,057	−13.5	2,045	1,132	12	1984, Jan.-July [3]	(NA)	(NA)	1,878	1,161	(NA)
1974	1,353	−34.2	1,338	888	15	1985, Jan.-July [3] [4]	(NA)	(NA)	1,764	929	(NA)
1975	1,171	−13.4	1,160	892	11						

NA Not available. [1] Change from 1959. [2] Change from 1964. [3] Average seasonally adjusted annual rate. [4] Preliminary.

Source: U.S. Bureau of the Census, *Construction Reports,* series C20.

NO. 1298. NEW PRIVATELY-OWNED HOUSING UNITS STARTED—SELECTED CHARACTERISTICS: 1970 TO 1984

[**In thousands.** For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970,* series N 156-163 and 170]

YEAR	Total units [1]	STRUCTURES WITH—			REGION				CONDOMINIUM UNITS [2]			TYPE OF ASSIST-ANCE [3]	
		One unit	2-4 units	5 or more units	North-east	Mid-west	South	West	Total	Single-family	Multi-family	FHA	VA
1970	1,434	813	85	536	218	294	612	311	(NA)	(NA)	(NA)	421	61
1971	2,052	1,151	120	781	264	434	869	486	(NA)	(NA)	(NA)	528	94
1972	2,357	1,309	141	906	330	443	1,057	527	(NA)	(NA)	(NA)	371	104
1973	2,045	1,132	118	795	277	440	899	429	241	69	172	163	86
1974	1,338	888	68	382	183	317	553	285	175	46	130	95	73
1975	1,160	892	64	204	149	294	442	275	65	20	45	98	77
1976	1,538	1,162	86	289	169	400	569	400	95	30	64	144	100
1977	1,987	1,451	122	414	202	465	783	538	118	41	77	178	131
1978	2,020	1,433	125	462	200	451	824	545	156	42	114	178	127
1979	1,745	1,194	122	429	178	349	748	471	198	43	156	178	122
1980	1,292	852	110	331	125	218	643	306	186	35	150	177	95
1981	1,084	705	91	288	117	165	562	240	181	36	145	145	75
1982	1,062	663	80	320	117	149	591	205	170	40	130	152	73
1983	1,703	1,068	113	522	166	218	935	382	276	77	199	121	107
1984	1,750	1,084	121	544	204	243	866	436	291	96	194	63	97

NA Not available. [1] For 1970-1976, characteristics such as type of structure, and region, include data for publicly owned units. [2] Type of ownership under which the owners of the individual housing units are also joint owners of the common areas of the building or community, includes a small number of cooperatively-owned units. [3] Source: U.S. Department of Housing and Urban Development, 1970-1979, *HUD Statistical Yearbook;* thereafter unpublished data.

Source: Except as noted, U.S. Bureau of the Census, *Construction Reports,* series C20.

NO. 1299. NEW PRIVATELY-OWNED HOUSING UNITS STARTED, BY STATE: 1981 TO 1984

[**In thousands of units**]

REGION, DIVISION AND STATE	1981	1982	1983	1984, prel.	DIVISION AND STATE	1981	1982	1983	1984, prel.
United States	**1,085.0**	**1,062.0**	**1,702.9**	**1,747.9**	**South Atlantic—Con.**				
Region:					Maryland	16.9	20.3	36.0	36.9
Northeast	117.0	117.0	167.8	203.7	District of Columbia	.9	.3	.3	.4
Midwest	166.0	148.0	218.1	244.7	Virginia	29.4	29.9	53.8	62.8
South	562.0	591.2	934.8	866.0	West Virginia	5.2	2.2	2.5	2.8
West	240.0	205.8	382.2	435.5	North Carolina	36.7	32.8	53.6	62.7
					South Carolina	18.8	17.9	28.3	33.1
New England	**40.8**	**42.3**	**59.0**	**76.4**	Georgia	37.3	42.5	72.2	80.0
Maine	4.0	4.4	4.6	6.6	Florida	141.0	100.1	180.4	196.7
New Hampshire	5.3	5.6	7.9	12.5					
Vermont	4.0	2.9	5.1	7.4	**East South Central**	**55.1**	**40.1**	**84.0**	**92.1**
Massachusetts	15.9	16.0	22.4	26.5	Kentucky	12.0	8.4	14.9	15.7
Rhode Island	2.8	2.8	3.7	4.4	Tennessee	17.0	15.8	37.5	42.4
Connecticut	8.8	10.6	15.3	18.8	Alabama	17.0	9.0	18.9	20.1
					Mississippi	9.1	6.9	12.7	13.9
Middle Atlantic	**76.3**	**74.8**	**108.8**	**127.3**					
New York	27.9	27.1	36.2	43.4	**West South Central**	**218.4**	**302.3**	**420.4**	**294.1**
New Jersey	19.5	21.7	36.7	43.7	Arkansas	9.0	6.7	12.5	12.7
Pennsylvania	28.9	26.0	35.9	40.2	Louisiana	25.3	22.4	40.2	30.8
					Oklahoma	21.2	34.8	50.2	28.5
East North Central	**99.9**	**82.9**	**127.3**	**141.4**	Texas	162.9	238.4	317.5	222.1
Ohio	28.0	19.9	31.6	33.5					
Indiana	16.9	14.0	20.2	23.5	**Mountain**	**95.4**	**91.7**	**161.3**	**172.0**
Illinois	19.4	20.2	34.2	35.0	Montana	1.8	1.8	2.6	3.4
Michigan	19.7	14.9	23.4	30.1	Idaho	3.8	2.3	4.1	4.3
Wisconsin	15.9	13.9	17.9	19.3	Wyoming	3.9	2.8	2.8	2.0
					Colorado	28.2	29.3	50.0	41.9
West North Central	**66.0**	**65.1**	**90.7**	**103.3**	New Mexico	7.4	7.9	11.1	16.2
Minnesota	20.8	21.7	28.2	30.4	Arizona	32.0	33.3	62.6	73.1
Iowa	7.6	6.9	7.9	7.7	Utah	8.6	6.8	13.0	18.2
Missouri	15.7	15.2	22.5	30.8	Nevada	9.7	7.5	15.1	12.9
North Dakota	3.2	4.0	5.5	3.9					
South Dakota	2.6	1.9	3.1	4.5	**Pacific**	**144.4**	**114.2**	**221.0**	**263.7**
Nebraska	5.2	4.6	6.7	7.1	Washington	23.2	15.7	27.6	29.4
Kansas	10.9	10.8	16.8	18.9	Oregon	12.3	7.0	8.9	8.6
					California	98.7	77.9	166.5	212.9
South Atlantic	**288.5**	**248.8**	**430.5**	**479.7**	Alaska	4.4	8.6	12.7	7.5
Delaware	2.3	2.8	3.4	4.3	Hawaii	5.8	5.0	5.3	5.3

Source: National Association of Home Builders, Economics Division, Washington, DC. Data provided from the Econometric Forecasting Service.

No. 1300. Characteristics of New Privately Owned One-Family Houses Completed: 1970 to 1984

[**Percent distribution, except as indicated.** Data beginning 1975 show percent distribution of characteristics for all houses completed (includes new houses completed, houses built for sale completed, contractor-built and owner-built houses completed, and houses completed for rent). Data for 1970 cover contractor-built, owner-built, and houses for rent for year construction started and houses sold for year of sale. Percents exclude houses for which characteristics specified were not reported]

CHARACTERISTIC	1970	1975	1980	1983	1984
Total houses (1,000)	793	875	957	924	1,025
Financing	100	100	100	100	100
Mortgage	84	82	81	81	81
FHA-insured	30	9	16	20	13
VA-guaranteed	7	8	8	9	6
Conventional	47	58	55	50	61
Farmers Home Administration		7	3	2	2
Cash or equivalent	16	18	18	19	19
Floor area	100	100	100	100	100
Under 1,200 sq. ft.	36	25	21	22	19
1,200–1,599 sq. ft.	28	30	29	31	30
1,600–1,999 sq. ft.	16	34	22	21	21
2,000–2,399 sq. ft.	21		13	12	12
2,400 sq. ft. and over		11	15	15	17
Average (sq. ft.)	1,500	1,645	1,740	1,725	1,700
Median (sq. ft.)	1,385	1,535	1,595	1,565	1,605
Number of stories	100	100	100	100	100
1	74	65	60	58	54
2 or more	17	23	31	36	40
Split level	10	12	8	6	6
Bedrooms	100	100	100	100	100
2 or less	13	14	17	24	24
3	63	65	63	59	58
4 or more	24	21	20	18	18
Bathrooms	100	100	100	100	100
1 or less	32	24	18	18	14
1½	20	17	10	10	10
2	32	40	48	48	48
2½ or more	16	20	25	24	28
Foundation	100	100	100	100	100
Full or partial basement	37	45	36	32	32
Slab	36	35	45	51	50
Crawl space	27	20	19	17	18
Heating fuel	100	100	100	100	100
Electricity	28	49	50	49	48
Gas	62	40	41	43	45
Oil	8	9	3	2	2
Other	1	2	5	6	5
Central air-conditioning	100	100	100	100	100
With	34	46	63	70	71
Without	66	54	37	30	29
Parking facilities	100	100	100	100	100
Garage	58	67	69	68	69
Carport	17	9	7	7	5
No garage or carport	25	24	24	25	25

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Construction Reports*, series C25, *Characteristics of New Housing* (a joint publication).

No. 1301. New Privately Owned One-Family Houses Sold, by Region and Type of Financing 1970 to 1984, and by Sales Price, 1984

[**In thousands.** Based on a national probability sample of monthly interviews with builders or owners of 1-family houses for which building permits have been issued or, for nonpermit areas, on which construction has started. For details, see source. For composition of regions, see fig. I, inside front cover]

YEAR AND SALES-PRICE GROUP	NUMBER SOLD					FINANCING TYPE			
	Total	Northeast	Midwest	South	West	Conventional	FHA and VA	Farmers Home Administration	Cash
1970	485	61	100	203	121	[1] 213	244	[1]	27
1971	656	82	127	270	176	[1] 314	314	[1]	28
1972	718	96	130	305	187	[1] 447	242	[1]	30
1973	634	95	120	257	161	[1] 465	134	[1]	34
1974	519	69	103	207	139	[1] 378	112	[1]	28
1975	549	71	106	222	150	363	122	43	22
1976	646	72	128	247	199	458	134	23	31
1977	819	86	162	317	255	592	166	24	38
1978	817	78	145	331	262	575	174	28	43
1979	709	67	112	304	225	469	186	18	36
1980	545	50	81	267	145	302	196	14	32
1981	436	46	60	219	112	244	142	14	36
1982	412	47	48	219	99	193	173	11	34
1983	623	76	71	323	152	350	217	8	49
1984 total	**639**	**94**	**76**	**309**	**160**	**423**	**149**	**9**	**58**
Under $50,000	47	3	7	34	3	26	10	7	3
$50,000 to $59,999	75	8	6	50	10	46	21	2	7
$60,000 to $69,999	101	11	10	59	20	60	33	(Z)	7
$70,000 to $79,999	98	13	11	45	29	54	36	(Z)	8
$80,000 to $99,999	126	22	14	51	38	76	36	(Z)	14
$100,000 to $119,999	57	10	8	23	15	47	5	(Z)	4
$120,000 and over	136	25	21	46	44	115	6	(Z)	14

Z Less than 500 units. [1] Houses financed by Farmers Home Administration included under conventional financing.

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Construction Reports*, series C25, *Characteristics of New Housing*, annual; and *New One-Family Houses Sold and For Sale*, monthly.

No. 1302. Median Sales Price of New Privately Owned One-Family Houses Sold, by Region: 1965 to 1984

[In dollars. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

YEAR	U.S.	North-east	Mid-West	South	West	YEAR	U.S.	North-east	Mid-West	South	West
1965	20,000	21,500	21,600	17,500	21,600	1975	39,300	44,000	39,600	37,300	40,600
1966	21,400	23,500	23,200	18,200	23,200	1976	44,200	47,300	44,800	40,500	47,200
1967	22,700	25,400	25,100	19,400	24,100	1977	48,800	51,600	51,500	44,100	53,500
1968	24,700	27,700	27,400	21,500	25,100	1978	55,700	58,100	59,200	50,300	61,300
1969	25,600	31,600	27,600	22,800	25,300	1979	62,900	65,500	63,900	57,300	69,600
1970	23,400	30,300	24,400	20,300	24,000	1980	64,600	69,500	63,400	59,600	72,300
1971	25,200	30,600	27,200	22,500	25,500	1981	68,900	76,000	65,900	64,400	77,800
1972	27,600	31,400	29,300	25,800	27,500	1982	69,300	78,200	68,900	66,100	75,000
1973	32,500	37,100	32,900	30,900	32,400	1983	75,300	82,200	79,500	70,900	80,100
1974	35,900	40,100	36,100	34,500	35,800	1984 [1]	79,900	88,600	85,400	72,000	87,300

[1] 1985, U.S. total: 1st qtr., $82,800 2d qtr., $84,100.

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Construction Reports*, series C25, *Characteristics of New Housing*, annual; and *New One-Family Houses Sold and For Sale*, monthly.

No. 1303. New Mobile Homes Placed for Residential Use and Average Sales Price, by Region: 1974 to 1984

[A mobile home is a moveable dwelling, 10 feet or more wide and 35 feet or more long, designed to be towed on its own chassis and without need of a permanent foundation. Excluded are travel trailers, motor homes, and modular housing. Based on a probability sample and subject to sampling variability; see source. For composition of regions, see fig. I, inside front cover]

YEAR	UNITS PLACED (1,000)					AVERAGE SALES PRICE ($1,000)				
	Total	North-east	Mid-west	South	West	Total	North-east	Mid-west	South	West
1974	332.0	23.3	67.5	170.8	70.4	9.3	9.4	9.3	8.3	11.6
1975	229.3	14.7	48.5	110.8	55.2	10.6	10.5	10.7	9.0	13.6
1976	249.6	16.8	51.5	114.8	66.5	12.3	11.6	11.6	10.6	16.0
1977	257.5	16.7	50.7	112.5	77.7	14.2	12.9	13.5	12.1	18.1
1978	279.9	17.4	49.5	135.3	77.7	15.9	14.3	15.1	13.7	20.6
1979	279.9	16.9	47.3	145.2	70.5	17.6	15.8	16.1	15.6	23.1
1980	233.7	12.3	32.3	140.3	48.7	19.8	18.5	18.6	18.2	25.4
1981	229.2	12.0	30.1	143.5	43.6	19.9	19.0	18.9	18.4	25.6
1982	234.1	12.4	25.6	161.1	35.0	19.7	19.8	20.0	18.5	24.7
1983	278.1	16.3	34.3	186.0	41.4	21.0	21.4	20.4	19.7	27.0
1984	287.9	19.8	35.2	193.4	39.4	21.5	22.2	21.1	20.2	27.4

Source: U.S. Bureau of the Census, *Construction Reports*, series C20.

No. 1304. Existing One-Family Houses Sold and Price, by Region: 1970 to 1984

[Based on data (adjusted and aggregated to regional and national totals) reported by participating real estate multiple listing services. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

YEAR	HOUSE SOLD (1,000)					MEDIAN SALES PRICE ($1,000)				
	Total	North-east	Mid-west	South	West	Total	North-east	Mid-west	South	West
1970	1,612	251	501	568	292	23.0	25.2	20.1	22.2	24.3
1971	2,018	311	583	735	389	24.8	27.1	22.1	24.3	26.5
1972	2,252	361	630	788	473	26.7	29.8	23.9	26.4	28.4
1973	2,334	367	674	847	446	28.9	32.8	25.3	29.0	31.0
1974	2,272	354	645	839	434	32.0	35.8	27.7	32.3	34.8
1975	2,476	370	701	862	543	35.3	39.3	30.1	34.8	39.6
1976	3,064	439	881	1,033	712	38.1	41.8	32.9	36.5	46.1
1977	3,650	515	1,101	1,231	803	42.9	44.4	36.7	39.8	57.3
1978	3,986	516	1,144	1,416	911	48.7	47.9	42.2	45.1	66.7
1979	3,827	526	1,061	1,353	887	55.7	53.6	47.8	51.3	77.4
1980	2,973	403	806	1,092	672	62.2	60.8	51.9	58.3	89.3
1981	2,419	353	632	917	516	66.4	63.7	54.3	64.4	96.2
1982	1,990	354	490	780	366	67.8	63.5	55.1	67.1	98.9
1983	2,719	493	709	1,035	481	70.3	72.2	56.6	69.2	94.9
1984	2,868	511	755	1,073	529	72.4	78.7	57.1	71.3	95.8

Source: National Association of REALTORS®, Washington, DC, *Existing Home Sales*, monthly. (Copyright.)

NO. 1305. MEDIAN SALES PRICE OF EXISTING ONE-FAMILY HOMES, BY SELECTED METROPOLITAN AREA: 1982 TO 1984

[Areas are metropolitan statistical areas (MSAs) except as indicated; for definitions and components, see Appendix II]

METROPOLITAN AREA	MEDIAN SALES PRICE ($1,000)			PERCENT CHANGE		METROPOLITAN AREA	MEDIAN SALES PRICE ($1,000)			PERCENT CHANGE	
	1982	1983	1984	1982-1983	1983-1984		1982	1983	1984	1982-1983	1983-1984
U.S., all areas	67.8	70.3	72.4	3.7	3.0	Memphis, TN-AR-MS	59.3	61.6	64.1	3.9	4.1
Albany-Schenectady-Troy, NY	47.1	49.4	52.9	4.9	7.1	Miami-Hialeah, FL PMSA	(NA)	(NA)	79.5	(NA)	(NA)
Anaheim-Santa Ana, CA PMSA	133.0	134.9	133.7	1.4	-.9	Milwaukee, WI PMSA	65.8	68.0	68.2	3.3	.3
Atlanta, GA	55.3	63.0	66.2	13.9	5.1	Minneapolis-St. Paul, MN-WI	72.4	73.6	74.0	1.7	.5
Baltimore, MD	62.0	(NA)	66.1	(NA)	(NA)	Nashville-Davidson, TN	(NA)	61.0	62.9	(NA)	3.1
Birmingham, AL	60.6	62.8	65.1	3.6	3.7	New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	70.5	88.9	105.3	26.1	18.4
Boston, MA PMSA	80.2	82.6	100.0	3.0	21.1	Oklahoma City, OK	58.4	61.6	63.9	5.5	3.7
Chicago, IL PMSA	73.0	76.4	79.5	4.7	4.1	Philadelphia, PA-NJ PMSA	58.1	59.6	60.3	2.6	1.2
Cincinnati, OH-KY-IN PMSA	(NA)	57.2	58.9	(NA)	3.0	Providence, RI PMSA	49.7	54.7	59.6	10.1	9.0
Cleveland, OH PMSA	(NA)	(NA)	62.7	(NA)	(NA)	Rochester, NY	49.5	54.8	59.7	10.7	8.9
Dallas, TX PMSA	74.0	76.0	82.2	2.7	8.2	St. Louis, MO-IL	57.0	58.9	61.8	3.3	4.9
Denver, CO PMSA	76.2	78.3	82.7	2.8	5.6	Salt Lake City-Ogden, UT	64.6	64.3	65.8	-.5	2.3
Detroit, MI PMSA	47.5	47.5	48.5	-	2.1	San Antonio, TX	58.3	62.6	67.5	7.4	7.8
Ft. Lauderdale-Hollywood-Pompano Beach, FL PMSA	74.2	73.9	73.1	-.4	-1.1	San Diego, CA	98.6	98.9	100.2	.3	1.3
Houston, TX PMSA	77.2	79.9	77.6	3.5	-2.9	San Francisco-Oakland-San Jose, CA CMSA	124.9	129.5	129.9	3.7	.3
Indianapolis, IN	50.6	52.8	53.1	4.3	.6	San Jose, CA PMSA	122.6	127.6	123.1	4.1	-3.5
Kansas City, MO-KS	58.1	58.8	59.1	1.2	.5	Tampa-St Petersburg-Clearwater, FL	53.9	55.9	58.4	3.7	4.4
Los Angles-Long Beach, CA PMSA	113.4	112.7	115.3	-.6	2.3	Washington, DC-MD-VA	87.2	89.4	93.0	2.5	4.0
Louisville, KY-IN	46.0	47.4	48.9	3.0	3.2						

- Represents zero. NA Not available.

Source: National Association of REALTORS, *Existing Home Sales,* February 1985. (Copyright.)

NO. 1306. GROSS HOUSING PRODUCT—SUMMARY: 1970 TO 1983

[**In billions of dollars.** For definition of current and constant dollars, see Guide to Tabular Presentation]

ITEM	CURRENT DOLLARS						CONSTANT (1972) DOLLARS					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Total value of housing output [1]	90.3	144.5	256.3	291.2	322.1	350.8	98.1	123.8	154.8	159.8	162.6	166.3
Nonfarm housing	87.3	139.1	245.1	279.0	309.3	338.4	94.5	120.6	152.4	157.7	160.7	164.7
Owner-occupied	61.3	99.5	181.4	206.8	229.3	250.6	66.4	86.3	112.8	116.9	119.2	122.0
Tenant-occupied	26.0	39.5	63.7	72.2	80.0	87.8	28.1	34.3	39.6	40.8	41.6	42.7
Farm housing	3.0	5.4	11.1	12.2	12.9	12.4	3.7	3.2	2.4	2.1	1.8	1.6
Less: Intermediate goods and services consumed	*12.4*	*22.4*	*40.6*	*43.3*	*45.2*	*47.7*	*13.5*	*19.0*	*23.8*	*23.0*	*22.1*	*22.0*
Equals: Gross housing product	77.9	122.1	215.6	247.9	276.9	303.1	84.6	104.8	131.0	136.8	140.5	144.4

[1] Equals personal consumption expenditures (see text, pages 427 and 428) for housing, less expenditures for transient hotels, motels, clubs, schools, and other group housing.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business,* July issues.

NO. 1307. RESIDENTIAL CAPITAL—STOCKS AND AVERAGE AGE: 1960 TO 1984

[**As of Dec. 31.** Data based on fixed residential capital formation components of the gross national product. For nonresidential business capital, see table 897. See also *Historical Statistics, Colonial Times to 1970,* series F 528-534 and N 200-223]

ITEM	CURRENT DOLLARS (bil. dol)					CONSTANT (1972) DOLLARS (bil. dol.)					AVERAGE AGE [1] (years)			
	1960	1970	1980	1983	1984	1960	1970	1980	1983	1984	1960	1970	1980	1984
Gross stocks [2]	664	1,163	3,852	4,522	4,815	941	1,262	1,679	1,777	1,823	28.1	25.9	24.6	24.9
Private nonfarm: 1-4 units	552	931	3,013	3,534	3,764	786	1,012	1,306	1,379	1,413	27.5	26.6	26.0	26.3
5 or more units	46	122	502	606	655	65	132	218	236	246	27.9	18.3	17.3	18.1
Farm (1-4 units)	41	52	122	131	134	59	56	53	51	50	45.0	45.9	45.4	46.0
Private nonhousekeeping	5	10	23	25	26	7	11	10	10	10	21.8	14.6	19.3	21.6
Mobile homes	4	15	73	86	88	3	14	38	41	43	4.7	4.7	7.1	7.9
Public: Federal, State and local	12	26	90	106	112	17	28	38	40	41	11.7	15.2	20.3	22.2
Net stocks [2 3]	418	754	2,505	2,905	3,094	593	818	1,091	1,140	1,169	18.1	17.0	16.9	17.5
Private nonfarm: 1-4 units	357	605	1,960	2,275	2,423	508	657	850	888	910	17.7	17.8	17.9	18.4
5 or more units	26	87	365	432	467	37	95	158	168	175	20.1	11.1	12.2	13.3
Farm (1-4 units)	18	22	51	53	54	26	24	22	21	20	30.7	30.5	28.5	29.1
Private nonhousekeeping	2	7	12	13	12	3	7	5	5	5	12.7	9.0	16.0	16.3
Mobile homes	3	10	41	45	46	2	10	21	22	22	3.5	3.3	5.3	5.5
Public: Federal, State and local	10	20	61	69	72	14	21	25	26	26	10.2	12.9	17.0	18.4

[1] Constant-dollar stocks. [2] Includes equipment, not shown separately. [3] Based on straight-line depreciation.

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925-79, Survey of Current Business,* October 1982, August 1983, August 1984, and unpublished data.

No. 1308. Housing Units—Summary of Characteristics: 1960 to 1983

[**In thousands, except as indicated.** As of **April**, except **1983** as of **fall**. For information on methodology, see Appendix III. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

Characteristic	1960	1970	1980	1983				
				Total	Regions			
					Northeast	Midwest	South	West
All housing units	**58,326**	**68,672**	**86,411**	**93,519**	**20,053**	**23,874**	**31,150**	**18,443**
All year-round units	56,584	67,699	86,693	91,675	19,352	23,421	30,700	18,201
Occupied units	53,024	63,445	80,390	84,638	18,221	21,618	27,931	16,868
Owner occupied	32,797	39,886	51,795	54,724	11,009	14,935	18,825	9,955
Percent of all occupied	61.9	62.9	64.4	64.7	60.4	69.1	67.4	59.0
Renter occupied	20,227	23,560	28,595	29,914	7,212	6,683	9,106	6,912
Vacant year-round	3,560	4,254	6,303	7,037	1,131	1,803	2,769	1,334
For sale only	522	501	948	955	120	275	364	196
Homeowner vacancy rate	1.6	1.2	1.8	1.7	1.1	1.8	1.9	1.9
For rent	1,453	1,666	2,179	1,906	303	470	753	381
Rental vacancy rate	6.7	6.8	7.1	5.9	4.0	6.4	7.5	5.1
Other vacant	1,084	2,087	3,176	4,176	708	1,058	1,652	756
Vacant, seasonal and migratory	1,742	973	1,718	1,845	700	453	450	241
Cooperatives and condominiums:								
Owner occupied	(NA)	(NA)	(NA)	1,749	422	341	496	489
Cooperatives	(NA)	(NA)	(NA)	360	227	58	35	40
Condominiums	(NA)	(NA)	1,225	1,389	195	284	461	449
Vacant for sale only	(NA)	(NA)	(NA)	145	14	25	65	41
Public or subsidized housing: [1]								
Units in public housing project	(NA)	(NA)	(NA)	2,160	639	525	707	309
Private housing unit with government rent subsidy	(NA)	(NA)	(NA)	1,199	381	252	293	273
Units in structure [2]—								
1-unit	43,758	46,791	57,183	61,482	10,884	16,546	22,298	11,754
Percent of total units	77.3	69.1	65.9	67.1	56.2	70.6	72.6	64.6
2-4 units	7,552	9,007	9,682	11,373	3,847	2,969	2,516	2,041
5 or more units	6,238	9,829	15,478	14,820	4,274	3,149	4,028	3,369
Mobile home or trailer	767	2,073	4,416	3,999	348	756	1,858	1,037
Year structure built: [2]								
April 1970 or later	(X)	(X)	[3] 22,744	23,686	2,633	4,926	10,301	5,826
1960–March 1970	(X)	16,956	[4] 17,087	18,144	3,082	4,242	6,763	4,058
1950–1959	16,046	14,499	14,871	14,331	2,628	3,544	5,013	3,147
1940–1949	8,640	8,788	9,642	8,101	1,549	1,782	3,051	1,719
1939 or earlier	33,632	27,458	22,414	27,413	9,461	8,927	5,573	3,452
Percent built prior to 1940	57.7	40.6	25.8	29.9	48.9	38.1	18.2	19.0
Units with [2]—								
1-3 rooms	11,400	11,028	13,598	13,533	3,498	2,768	3,834	3,433
4 rooms	12,435	14,113	16,969	17,828	3,409	4,100	6,356	3,963
5 rooms	14,323	16,998	20,017	21,937	3,812	5,909	8,160	4,055
6 rooms	11,141	13,609	16,945	18,324	3,868	4,940	6,330	3,184
7 or more rooms	9,020	11,950	19,164	20,053	4,764	5,703	6,020	3,566
Median number of rooms	4.9	5.0	5.1	5.1	5.2	5.3	5.1	4.9
Persons per unit (median):								
Owner occupied	3.1	3.0	2.6	2.5	2.7	2.6	2.5	2.4
Renter occupied	2.6	2.3	2.0	2.0	2.0	1.9	2.2	2.1
Units lacking some or all plumbing facilities [2]	7,899	4,398	2,334	2,233	371	463	1,174	225
Percent	13.2	6.5	2.7	2.4	1.9	2.0	3.8	1.2
Percent of units with—								
Telephone [5]	78.5	87.0	93.0	90.4	91.3	92.2	88.3	90.5
Air conditioning [2]	12.4	36.7	55.0	59.1	46.8	61.7	78.2	37.2
Central system [2]	1.9	10.7	27.5	29.2	9.6	29.5	45.4	23.0
Public sewer [2]	(NA)	70.2	74.1	74.3	76.9	76.5	65.6	83.3
Public or private company water [1]	(NA)	81.7	83.6	84.4	85.8	81.0	81.5	92.1
Year householder moved into unit:								
April 1970 or later	(NA)	(NA)	(NA)	61,655	12,038	15,259	20,665	13,692
1965–March 1970	(NA)	(NA)	(NA)	7,004	1,698	1,852	2,325	1,129
1960–1964	(NA)	(NA)	(NA)	5,090	1,301	1,379	1,643	768
1950–1959	(NA)	(NA)	(NA)	6,397	1,827	1,812	1,911	847
1949 or earlier	(NA)	(NA)	(NA)	4,493	1,358	1,316	1,387	433

NA Not available. X Not applicable. [1] Refers to specified renter-occupied units. [2] For 1960, all housing units, based on a complete count, but tabulated on a 20-percent sample basis. For 1970, 1980, and 1983 all year-round units. For 1980 and 1983, air conditioning based on occupied housing units. [3] January 1970 or later. [4] 1960 to 1969. [5] Occupied housing units.

Source: U.S. Bureau of the Census, *U.S. Census of Housing: 1960*, vol. I.; *1980 Census of Housing*, vol. I, chapters A and B; and *Current Housing Reports*, series H-150-83, Annual Housing Survey, part A.

NO. 1309. HOUSING UNITS—SELECTED CHARACTERISTICS, BY STATE: 1980

[As of April 1]

STATE	Total housing units (1,000)	YEAR-ROUND HOUSING UNITS										
			Percent with—			Occupied housing units						
			Structure built				Percent—					
		Total (1,000)	1970 to March 1980	1939 or earlier	5 or more units in structure	Total (1,000)	Owner occupied units	With 1.01 or more persons per room	Householder moved into unit 1979 to March 1980	Median value (dol.) specified owner [1]	Median selected monthly owner costs [2] (dol.)	Median gross rent [3] (dol.) specified renter [4]
United States	**88,411**	**86,759**	**25.9**	**26.1**	**17.5**	**80,390**	**64.4**	**4.5**	**22.8**	**47,200**	**365**	**243**
Alabama	1,467	1,451	30.9	16.3	9.1	1,342	70.1	5.4	20.8	33,900	295	188
Alaska	163	154	52.7	4.7	22.1	131	58.3	10.1	38.6	76,300	640	368
Arizona	1,111	1,072	48.6	5.6	16.3	957	68.3	7.2	32.5	54,800	365	263
Arkansas	899	889	32.9	17.3	7.2	816	70.5	5.2	23.1	31,100	280	185
California	9,279	9,223	27.2	14.7	24.0	8,630	55.9	7.4	28.0	84,500	411	283
Colorado	1,194	1,170	39.1	18.0	21.4	1,061	64.5	2.8	33.0	64,100	422	252
Connecticut	1,159	1,145	18.1	32.0	17.5	1,094	63.9	2.6	18.1	65,600	434	261
Delaware	239	230	25.7	20.8	16.7	207	69.1	2.5	21.1	44,400	351	247
District of Columbia	277	277	7.0	39.1	52.7	253	35.5	8.1	20.1	68,800	399	226
Florida	4,379	4,279	43.9	6.7	23.7	3,744	68.3	5.3	26.8	45,100	337	256
Georgia	2,028	2,014	33.3	14.7	14.0	1,872	65.0	5.3	23.9	36,900	340	211
Hawaii	334	332	38.9	10.5	38.1	294	51.7	15.3	26.8	118,100	483	311
Idaho	375	360	38.4	21.9	8.8	324	72.0	4.5	28.8	45,600	332	219
Illinois	4,320	4,304	19.4	34.7	22.3	4,045	62.6	4.2	20.6	52,800	406	246
Indiana	2,092	2,065	22.0	32.1	10.8	1,927	71.7	3.1	21.0	37,200	304	219
Iowa	1,131	1,121	20.5	44.4	10.2	1,053	71.8	2.1	20.6	40,600	348	225
Kansas	955	951	22.7	33.6	9.7	872	70.2	2.4	24.0	37,800	330	219
Kentucky	1,369	1,355	28.7	24.7	10.1	1,263	70.0	4.7	21.2	34,200	298	198
Louisiana	1,548	1,537	30.8	15.9	11.1	1,412	65.5	7.1	23.2	43,000	313	214
Maine	501	428	23.2	47.5	10.0	395	70.9	3.1	20.1	37,900	317	216
Maryland	1,571	1,550	23.6	22.4	22.4	1,461	62.0	3.1	20.6	58,300	413	266
Massachusetts	2,208	2,141	15.4	47.3	20.5	2,033	57.5	2.6	18.2	48,400	424	255
Michigan	3,590	3,451	22.1	27.6	12.5	3,195	72.7	3.1	20.0	39,000	363	250
Minnesota	1,613	1,530	25.2	33.3	17.3	1,445	71.7	2.3	21.8	53,100	375	236
Mississippi	912	905	32.5	15.6	8.0	827	71.0	8.0	20.4	31,400	284	180
Missouri	1,989	1,963	23.9	29.4	11.4	1,793	69.6	3.4	21.3	36,700	317	211
Montana	328	315	30.7	30.3	9.9	284	68.6	3.8	27.8	46,500	347	200
Nebraska	625	619	23.8	38.9	12.3	571	68.4	2.1	22.9	38,000	359	213
Nevada	340	338	51.8	5.7	23.2	304	59.6	4.7	37.7	68,700	454	310
New Hampshire	386	349	27.5	39.0	14.3	323	67.6	2.4	22.0	48,000	408	251
New Jersey	2,772	2,690	16.1	33.4	20.9	2,549	62.0	3.5	16.7	60,200	456	270
New Mexico	508	493	36.5	11.8	12.2	441	68.1	8.6	29.5	45,300	324	216
New York	6,868	6,706	11.9	43.3	35.8	6,340	48.6	4.9	17.1	45,600	430	249
North Carolina	2,275	2,224	32.0	17.3	8.5	2,043	68.4	4.5	20.6	36,000	320	205
North Dakota	259	253	30.9	34.9	14.3	228	68.7	2.7	24.6	43,900	392	206
Ohio	4,108	4,078	20.0	32.8	14.1	3,834	68.4	2.5	20.2	44,900	347	224
Oklahoma	1,237	1,230	30.0	20.2	10.1	1,119	70.7	3.7	26.4	35,600	305	214
Oregon	1,083	1,072	34.2	20.6	15.1	992	65.1	2.9	29.8	56,900	371	257
Pennsylvania	4,596	4,513	16.4	44.8	12.2	4,220	69.9	2.4	15.8	39,100	336	225
Rhode Island	373	363	16.1	43.0	16.4	339	58.8	2.5	19.6	46,800	391	222
South Carolina	1,154	1,123	34.4	15.2	8.4	1,030	70.2	6.0	20.6	35,100	312	206
South Dakota	277	270	26.6	40.7	11.2	243	69.3	3.6	23.5	36,600	352	188
Tennessee	1,747	1,737	31.1	16.7	11.5	1,619	68.6	4.4	22.0	35,600	299	203
Texas	5,549	5,485	35.2	12.2	18.4	4,929	64.3	7.2	29.1	39,100	348	245
Utah	490	481	37.7	18.8	12.5	449	70.7	5.8	28.8	57,300	381	235
Vermont	223	196	24.4	46.9	9.4	178	68.7	2.5	21.6	42,200	336	226
Virginia	2,021	2,000	30.9	17.7	16.2	1,863	65.6	3.4	23.3	48,000	395	259
Washington	1,689	1,652	32.0	21.3	17.2	1,541	65.6	2.9	29.0	59,900	362	254
West Virginia	748	737	24.9	34.2	8.2	686	73.6	4.1	18.0	38,500	290	195
Wisconsin	1,864	1,756	23.1	36.6	12.3	1,652	68.2	2.4	20.7	48,600	381	234
Wyoming	188	182	40.4	22.6	10.0	166	69.2	4.2	34.2	59,800	397	252

[1] "Specified owner-occupied" housing units include one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. [2] "Specified owner with a mortgage". Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.). [3] "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else) in addition to rent. [4] "Specified renter-occupied" housing units include renter-occupied units except one-family houses on 10 or more acres.

Source: U.S. Bureau of the Census, *1980 Census of Housing*, vol. 1, chapters A and B (HC80-1-A and HC80-1-B).

No. 1310. Housing Units—Characteristics for Selected Cities: 1980

[As of April. Cities ranked by size of population enumerated as of April 1, 1980, except Honolulu, ranked by county population]

City	Total housing units (1,000)	YEAR-ROUND HOUSING UNITS										
			Percent with—			Occupied housing units						
			Structure built				Percent—					
		Total (1,000)	1970 to March 1980	1939 or earlier	5 or more units in structure	Total (1,000)	Owner occupied units	With 1.01 or more persons per room	Householder moved into unit 1979 to March 1980	Median value specified owner [1] (dol.)	Median selected monthly owner costs [2] (dol.)	Median gross rent [3] specified renter [4] (dol.)
New York, NY	2,946	2,941	7.3	49.4	64.5	2,789	23.4	8.2	17.1	52,220	441	248
Chicago, IL	1,175	1,174	5.9	51.8	41.7	1,093	38.9	8.1	21.0	47,200	371	231
Los Angeles, CA	1,189	1,189	13.6	22.7	40.9	1,135	40.3	13.0	25.8	96,100	420	262
Philadelphia, PA	686	685	5.5	58.4	18.0	620	61.0	4.2	15.4	23,500	269	217
Houston, TX	678	678	36.5	8.4	39.8	603	47.8	7.7	35.6	49,100	378	276
Detroit, MI	471	471	3.2	45.6	18.7	433	57.9	4.8	18.6	20,900	320	216
Dallas, TX	390	290	28.1	9.8	37.6	355	48.5	6.6	34.1	43,900	338	257
San Diego, CA	342	342	32.8	13.0	29.2	321	49.1	5.9	33.8	89,800	416	274
Phoenix, AZ	308	307	39.7	4.8	22.4	285	64.7	5.6	32.8	54,100	357	279
Baltimore, MD	303	302	5.8	50.3	20.7	281	47.2	5.0	18.8	28,700	293	214
San Antonio, TX	278	278	25.9	14.1	20.8	259	59.5	10.5	26.4	27,300	263	209
Honolulu, HI	252	251	35.2	8.4	41.5	230	49.9	15.5	27.4	129,500	494	315
Indianapolis, IN	283	283	19.6	25.9	22.3	260	58.9	3.3	25.5	35,100	300	226
San Francisco, CA	317	316	6.6	57.7	43.0	299	33.7	7.3	25.8	103,900	394	285
Memphis, TN	244	244	20.5	13.6	22.7	230	56.3	6.6	24.5	35,200	275	198
Washington, DC	277	277	7.0	39.1	52.7	253	35.5	8.1	20.1	68,800	399	226
Milwaukee, WI	253	253	9.7	41.7	22.9	242	47.2	3.4	24.5	45,500	359	238
San Jose, CA	217	217	39.1	7.3	18.6	210	62.1	6.8	30.7	98,100	478	325
Cleveland, OH	240	239	4.4	57.7	22.0	218	48.2	3.3	20.2	30,400	307	195
Columbus, OH	237	237	24.0	24.4	26.6	217	48.8	2.7	30.4	41,300	333	225
Boston, MA	241	241	7.2	63.0	42.8	218	27.2	5.2	25.9	36,000	407	251
New Orleans, LA	226	226	12.3	37.5	19.5	206	39.7	8.6	23.4	50,400	344	210
Jacksonville, FL	214	213	28.5	11.7	19.5	197	62.6	4.4	26.9	31,700	327	240
Seattle, WA	230	230	10.0	40.3	33.3	219	51.0	2.8	27.2	65,100	331	251
Denver, CO	228	228	19.7	29.4	36.6	212	50.2	3.3	33.3	62,000	379	242
Nashville-Davidson, TN	179	179	27.4	14.2	26.0	170	56.4	3.6	26.5	43,800	307	243
St. Louis, MO	202	202	3.7	60.6	21.2	178	45.2	6.9	19.4	26,100	283	186
Kansas City, MO	192	192	12.8	36.5	26.3	175	57.9	3.2	23.7	34,600	301	215
El Paso, TX	134	134	34.6	11.2	25.0	128	59.2	12.4	29.0	39,000	281	196
Atlanta, GA	179	179	12.5	21.0	39.6	163	41.3	6.3	26.0	31,800	335	195

[1] "Specified owner-occupied" housing units include one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. [2] "Specified owner with a mortgage". Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.). [3] "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else) in addition to rent. [4] "Specified renter-occupied" housing units include renter-occupied units except one-family houses on 10 or more acres.

Source: U.S. Bureau of the Census, *1980 Census of Housing*, vol. 1, chapters A and B (HC80-1-A and HC80-1-B).

No. 1311. Occupied Housing Units—Tenure, by Race of Householder: 1920 to 1983

[**In thousands, except as indicated.** As of **April 1**, except **1983**, as of **fall**. Prior to 1960, excludes Alaska and Hawaii. Statistics on the number of occupied units are essentially comparable although identified by various terms—the term "family" applies to figures for 1920 and 1930; "occupied dwelling unit," 1940 and 1950; and "occupied housing unit," 1960 to 1983. For 1920, includes the small number of quasifamilies; for 1930, represents private families only. See also *Historical Statistics, Colonial Times to 1970*, series N 238-245]

Race of householder and tenure	1920	1930	1940	1950	1960	1970	1980	1983
ALL RACES								
Occupied units, total	24,352	29,905	34,855	42,826	53,024	63,445	80,390	84,638
Owner occupied	11,114	14,280	15,196	23,560	32,797	39,886	51,795	54,724
Percent of occupied	45.6	47.8	43.6	55.0	61.9	62.9	64.4	64.7
Renter occupied	13,238	15,624	19,659	19,266	20,227	23,560	28,595	29,914
WHITE								
Occupied units, total	21,826	26,983	31,561	39,044	47,880	56,606	68,810	72,562
Owner occupied	10,511	13,544	14,418	22,241	30,823	37,005	46,671	49,144
Percent of occupied	48.2	50.2	45.7	57.0	64.4	65.4	67.8	67.7
Renter occupied	11,315	13,439	17,143	16,803	17,057	19,601	22,139	23,418
BLACK AND OTHER								
Occupied units, total	2,526	2,922	3,293	3,783	5,144	6,839	11,580	12,076
Owner occupied	603	737	778	1,319	1,974	2,881	5,124	5,580
Percent of occupied	23.9	25.2	23.6	34.9	38.4	42.1	44.2	46.2
Renter occupied	1,923	2,185	2,516	2,464	3,170	3,959	6,456	6,496

Source: U.S. Bureau of the Census, *Census of Housing: 1960*, vol. 1; *1970*, vol. 1; *1980 Census of Housing*, vol. 1, chapter A (HC80-1-A); and *Current Housing Reports*, series H-150-83, Annual Housing Survey: 1983, part A.

No. 1312. Occupied Housing Units—Selected Characteristics, by Race and Spanish Origin of Householder: 1980

[As of April 1]

CHARACTERISTIC	All races	White	Black	American Indian, Eskimo, Aleut	Asian or Pacific Islander	Other races	Spanish origin[1]
Occupied units	**80,389,673**	**68,810,123**	**8,381,668**	**397,252**	**993,458**	**1,807,172**	**4,007,896**
Northeast	17,470,616	15,265,596	1,624,257	25,945	162,672	392,146	788,957
Midwest	20,859,206	18,782,200	1,718,821	67,008	107,002	184,175	342,602
South	26,486,217	21,594,519	4,258,708	113,237	123,273	396,480	1,223,960
West	15,573,634	13,167,808	779,882	191,062	600,511	834,371	1,652,377
Owner occupied	51,794,545	46,670,775	3,724,251	212,209	521,230	666,080	1,738,920
Percent of total occupied	64.4	67.8	44.4	53.4	52.5	36.9	43.4
Renter occupied	28,595,128	22,139,348	4,657,417	185,043	472,228	1,141,092	2,268,976
Median:							
Value[2] (dol.)	47,200	48,600	27,200	35,400	82,900	44,200	44,700
Monthly owner costs:[2 3]							
With a mortgage (dol.)	366	371	307	320	498	320	333
Without a mortgage (dol.)	128	130	115	93	114	92	94
Gross rent[4] (dol.)	243	251	208	226	264	226	231
Household income in 1979 (dol.)	16,745	17,578	10,810	12,200	19,900	12,246	13,347
Percent of units—							
Lacking complete plumbing facilities	2.2	1.7	5.5	10.8	2.7	3.8	3.8
With structure built—							
1970 to March 1980	25.5	26.5	17.9	32.6	31.3	18.7	20.9
Prior to 1940	25.8	25.7	27.6	20.4	18.0	25.8	24.0
One unit in structure	67.0	69.1	54.7	63.5	53.5	47.2	51.9
Five or more units in structure	17.2	15.4	26.7	16.2	33.5	33.7	30.1
With no telephone	7.1	5.5	16.1	27.5	4.8	20.9	16.9
Lacking air conditioning	44.2	41.9	57.3	60.5	56.0	61.8	55.1
Lacking public sewer	25.6	27.6	13.7	33.3	8.7	9.0	11.0
With no vehicle	12.9	10.2	32.6	17.9	15.6	25.4	21.8
Householder moved into unit 1979 to March 1980	22.7	22.2	22.3	33.4	34.1	35.2	31.5

[1] Persons of Spanish origin may be of any race. [2] Specified owner-occupied housing units; see footnote 1, table 1314. [3] See footnote 3, table 1314. [4] Specified renter-occupied housing units; see footnote 4, table 1314.

Source: U.S. Bureau of the Census, *1980 Census of Housing*, vol. 1, chapters A and B (HC80-1-A1 and HC80-1-B1), and unpublished data.

No. 1313. Occupied Housing Units—Selected Characteristics, by Tenure: 1960 to 1983

[**Percent distribution.** As of **April**, except **1983** as of **fall**]

CHARACTERISTIC	1960			1970			1980			1983		
	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter
Rooms in unit:												
1-2 rooms	6	23	14	4	17	10	5	1	12	4	1	10
3-4 rooms	32		51	28		51	29	15	53	29	15	54
5 rooms	26	29	19	26	28	21	23	25	19	24	26	20
6 rooms	20	26	10	22	27	11	20	26	10	21	26	10
7 rooms or more	16	22	6	20	28	7	23	33	6	23	32	6
Units in structure:												
1 unit	76	94	48	74	94	38	70	93	31	73	94	35
2-4 units	13	6	25	14	6	29	12	4	24	12	4	26
5-9 units	11		9	4		11	18	3	45	15	2	39
10 units or more			18	8		22						
With all plumbing facilities	84	89	77	95	97	91	98	99	96	98	99	97
Year structure built:												
1975 or later	(X)	(X)	(X)	(X)	(X)	(X)	12	14	10	26	27	24
1970-1974	(X)	(X)	(X)	(X)	(X)	(X)	13	13	14			
1960-1969	(X)	(X)	(X)	24	26	19	20	20	20	20	21	19
1950-1959	27	34	16	19	24	12	18	19	15	16	19	11
1940-1949	15	16	13	14	14	13	11	10	13	9	9	9
1939 or earlier	58	50	71	43	36	56	26	24	28	29	25	37

X Not applicable.

Source: U.S. Bureau of the Census, *Census of Housing, 1960; 1970;* and *1980;* and *Current Housing Reports*, series H-150-83, Annual Housing Survey: 1983, part A.

No. 1314. Occupied Housing Units—Financial Summary: 1970 to 1983

[**In thousands, except as indicated.** See headnote, table 1308. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. 1 inside fornt cover]

Characteristic	1970	1980	1983				
			Total	Region			
				Northeast	Midwest	South	West
Occupied units, total	63,450	80,390	84,638	18,221	21,618	27,931	16,868
Median income:							
Owner occupied (dol.)	9,700	19,800	24,400	26,300	24,300	21,700	28,000
Renter occupied (dol.)	6,300	10,500	12,400	12,400	11,800	12,400	13,500
Specified owner occupied [1]	31,891	39,470	43,535	8,674	11,906	14,911	8,043
With value of—							
Less than $20,000	19,739	4,777	2,409	362	731	1,218	96
$20,000–$24,999	4,674	2,494	1,486	261	503	637	85
$25,000–$34,999	4,436	5,511	4,207	693	1,468	1,840	206
$35,000–$49,999	2,045	8,496	8,703	1,740	2,846	3,377	740
$50,000–$99,999	996	14,382	19,464	4,272	5,385	6,068	3,739
$100,000 and over		3,810	7,269	1,344	975	1,772	3,176
Median—							
Value (dol.)	17,000	47,200	59,700	61,900	52,500	52,100	89,100
Real estate taxes [2] (dol.)	(NA)	460	564	1,100	635	270	572
Units monthly costs [3]—							
With mortgages (dol.)	(NA)	366	463	503	453	428	500
Owned clear (dol.)	(NA)	128	166	223	178	137	134
Specified renter occupied [4]	22,334	27,252	29,214	7,149	6,469	8,791	6,804
With gross rent of—							
Less than $80	5,466	1,080	646	114	150	302	80
$80–$99	3,701	651	551	116	109	201	125
$100–$119	3,332	818	1,707	448	395	580	285
$120–$149	3,772	1,678					
$150–$199	3,304	4,219	2,364	545	637	805	376
$200–$299	1,194	10,023	7,377	1,854	2,088	2,097	1,338
$300 and over	265	7,516	15,168	3,843	2,804	4,144	4,374
No cash rent	1,300	1,267	1,401	226	286	662	228
Median rent (dol.)	108	243	315	316	286	304	362

NA Not available. [1] Includes only 1-family homes on less than 10 acres and no business on the property. [2] Taxes paid previous year. [3] Covers real estate taxes, property insurance, utilities, fuel, water, garbage and trash collection, and mortgage. [4] Excludes 1-family homes on 10 acres or more.

Source: U.S. Bureau of the Census, *Census of Housing, 1970* and *1980*, vol. 1, and *Current Housing Reports*, H-150-83, Annual Housing Survey: 1983, part A.

No. 1315. Heating Equipment and Fuels for Occupied Units: 1950 to 1983

Item	Number (1,000)					Percent distribution				
	1950	1960	1970	1980	1983	1950	1960	1970	1980	1983
Occupied units, total	42,826	53,024	63,445	80,390	84,638	100.0	100.0	100.0	100.0	100.0
Heating equipment:										
Warm air furnace	11,508 [1]	17,378	27,515	39,279	44,320	26.9 [1]	32.8	43.4	48.9	52.4
Heat pumps				2,835	2,171				3.5	2.6
Steam or hot water	10,071	11,990	13,211	13,859	13,772	23.5	22.6	20.8	17.2	16.3
Floor, wall, or pipeless furnace	(1)	6,088	5,552	4,693	5,977	(1)	11.5	8.8	5.8	7.1
Built-in electric units	–	664	3,236	6,370	6,207	–	1.3	5.1	7.9	7.3
Room heaters with flue	2 15,399	2 11,183	7,209	5,098	3,438	2 36.0	2 21.1	11.4	7.6	4.1
Room heaters without flue	5,268	5,218	3,558	2,736	2,926	12.3	9.8	5.6	3.4	3.5
Fireplaces, stoves, or heaters [3]	(2)	(2)	2,766	3,977	5,152	(2)	(2)	4.4	4.9	6.1
None	581	503	398	541	677	1.4	.9	.6	.7	.8
House heating fuel:										
Utility gas	11,387	22,851	35,014	42,658	46,700	26.6	43.1	55.2	53.1	55.2
Fuel oil, kerosene, etc	9,686	17,158	16,473	14,655	13,031	22.6	32.4	26.0	18.2	15.4
Electricity	283	933	4,876	14,768	15,684	.7	1.8	7.7	18.3	18.5
Bottled, tank, or LP gas	787	2,686	3,807	4,535	3,869	1.8	5.1	6.0	5.6	4.6
Wood and other fuel	4,855	2,460	1,060	2,729	4,245	11.3	4.6	1.7	3.4	5.0
Coal or coke	14,828	6,456	1,821	504	432	34.6	12.2	2.9	.6	.5
None	999	478	395	541	677	2.3	.9	.6	.7	.8
Cooking fuel:										
Electricity	6,403	16,351	25,768	41,906	(NA)	15.0	30.8	40.6	52.1	(NA)
Utility gas	22,084	27,296	31,244	32,375	(NA)	51.6	51.5	49.2	40.3	(NA)
Bottled, tank, or LP gas	3,417	6,491	5,314	5,569	(NA)	8.0	12.2	8.4	6.9	(NA)
Other fuel	10,796	2,603	908	398	(NA)	25.2	4.9	1.4	.5	(NA)
None	124	280	213	142	(NA)	.3	.5	.3	.2	(NA)

– Represents zero. NA Not available. [1] "Floor, wall, or pipeless furnace" included in "Warm air furnace." [2] "Fireplaces, stoves, or portable heaters" included in "Room heaters with flue." [3] Portable heaters.

Source: U.S. Bureau of the Census, *Census of Housing, 1960*, vol. 1, and *1980*, vol. 1; *Current Housing Reports*, series H-150-83, Annual Housing Survey: 1983, part A.

No. 1316. Appliances Used by Households, by Region and Family Income: 1982

[In millions, except percent. As of November. Represents appliances possessed and generally used by the household. See headnote, table 1317]

Type of appliance	Households using appliance		Region				Family income in 1981			
	Number	Percent of total	Northeast	Midwest	South	West	Under $15,000	$15,000–$24,999	$25,000–$34,999	$35,000 and over
Total households	**83.8**	**100.0**	**18.0**	**21.3**	**28.1**	**16.5**	**36.1**	**19.8**	**15.2**	**12.6**
Air conditioners: Room [1]	25.9	30.9	7.3	6.5	9.9	2.2	11.8	6.5	4.6	3.0
Central system	22.7	27.1	2.0	5.8	11.4	3.5	6.0	5.1	5.7	6.0
Clothes washer	59.8	71.4	12.3	15.3	20.6	11.5	21.2	14.3	12.9	11.4
Clothes dryer	50.1	59.8	9.6	14.0	16.6	9.9	15.0	12.1	12.0	11.0
Dehumidifier	7.5	9.0	2.4	3.9	1.1	.1	1.7	1.7	2.4	1.8
Dishwasher	30.3	36.1	5.8	6.8	10.3	7.3	5.4	7.2	8.4	9.3
Evaporative cooler [2]	3.6	4.2	–	.1	.6	2.8	1.5	.9	.7	.4
Freezer	31.0	37.0	5.0	9.1	12.0	4.9	10.6	7.4	7.1	5.9
Humidifier	11.3	13.5	2.5	6.3	1.7	.8	3.1	2.7	2.5	3.0
Microwave oven [3]	17.3	20.7	2.0	5.2	5.7	4.4	3.4	4.1	4.8	5.0
Motor vehicles [4]: One	30.6	36.5	6.4	7.7	10.5	6.0	17.3	7.6	3.5	2.1
Two or more	41.6	49.6	7.3	10.8	14.4	9.0	9.2	10.7	11.5	10.3
Outdoor gas grill	9.4	11.2	3.0	2.1	3.1	1.2	1.2	2.2	2.7	3.3
Outdoor gas light	1.4	1.7	.1	.5	.7	.1	.3	.4	.3	.5
Oven: Electric	43.5	51.9	7.6	11.1	16.1	8.7	15.6	10.7	9.0	8.2
Gas	35.0	41.7	9.1	8.6	10.1	7.2	17.6	8.1	5.4	3.8
Portable electric heater	7.7	9.2	1.4	1.3	3.4	1.6	3.7	1.6	1.2	1.2
Portable kerosene heater	2.8	3.3	1.0	.5	1.2	.1	.9	.5	.8	.5
Range: Electric	44.7	53.3	7.6	11.9	16.5	8.7	16.0	10.8	9.4	8.4
Gas	39.0	46.6	10.3	9.6	11.4	7.7	19.9	9.0	5.9	4.2
Refrigerator: Frost-free	53.2	63.5	10.4	12.9	18.9	11.1	18.2	12.9	11.7	10.5
Non frost-free [5]	36.2	43.2	9.0	10.3	10.5	6.4	19.2	8.2	5.2	3.6
Television set: Color	71.0	84.8	15.5	18.3	22.8	14.4	27.0	17.7	14.3	12.0
Black and white	38.9	46.5	8.9	10.6	13.7	5.8	17.1	8.4	7.1	6.3
Water heater [6]: Gas	42.8	51.1	7.1	12.5	12.6	10.6	16.8	10.0	8.4	7.5
Electric	25.5	30.4	3.4	5.3	12.7	4.0	10.3	6.5	5.0	3.6
Other fuel	3.5	4.2	2.7	.1	.6	.2	1.2	.7	.8	.7
Whole house cooling fan	6.5	7.8	1.3	1.8	2.8	.6	1.8	1.4	1.5	1.8
Window or ceiling fan	23.5	28.0	5.0	6.5	10.0	1.9	9.5	5.7	4.6	3.6

– Represents or rounds to zero. [1] Includes small amount of households that have both central air conditioners and room units. [2] An air-cooling unit used in dry climates that turns air into moist, cool air by saturating the air with water vapor. [3] Microwave is first or second most used oven. [4] All motorized vehicles used by U.S. households for personal transportation excluding motorcycles, mopeds, large trucks, and buses. [5] Includes refrigerators without freezer compartments. [6] Excludes water heaters that serve more than one household.

No. 1317. Housing Units—Characteristics, by Primary Heating Fuel and Equipment: 1982

[In millions. As of November. Excludes Alaska and Hawaii. Covers year-round units only. For composition of regions, see fig. I, inside front cover. Based on Residential Energy Consumption Survey; see Appendix III]

Characteristic	Total occupied housing units [1]	Primary heating fuel					Primary heating equipment					
		Natural gas	Fuel oil, kerosene	Electricity	LPG [2]	Wood	Warm air furnace with ducts	Steam or hot water system	Room heaters [3]	Floor, wall, or pipeless furnace	Built in electric units	Wood or coal stove
Total	**83.8**	**47.5**	**12.0**	**13.4**	**3.8**	**5.6**	**39.5**	**14.2**	**6.4**	**7.5**	**5.0**	**5.3**
Region:												
Northeast	18.0	7.5	7.6	1.3	.2	1.0	5.9	9.2	.4	.2	.9	1.1
Midwest	21.3	15.5	1.6	2.1	1.0	1.1	14.0	3.3	.8	.9	1.0	.8
South	28.1	13.3	2.5	6.8	2.3	2.6	12.5	1.1	4.4	2.3	1.6	2.6
West	16.5	11.1	.4	3.1	.4	.9	7.1	.6	.9	4.1	1.5	.8
Type:												
Single-family detached	53.8	30.5	7.2	6.9	2.7	5.2	28.1	5.1	4.9	4.7	2.4	4.9
Single-family attached	3.9	2.7	.4	.6	.1	.1	1.8	1.1	.1	.4	.3	.1
2–4 unit building	10.1	7.0	1.8	1.1	.1	.1	3.8	3.1	1.0	1.1	.4	.1
5 or more unit building	12.2	6.2	2.1	3.9	–	(NA)	3.2	4.9	.3	1.1	1.9	(NA)
Mobile home	3.7	1.1	.6	.9	.9	.3	2.6	–	.2	.1	–	.3
Year house built:												
1939 or earlier	23.6	14.0	5.4	.7	1.2	1.8	8.6	6.7	3.4	2.3	.4	1.7
1940 to 1949	7.0	4.4	1.4	.3	.2	.5	3.1	1.3	1.0	.7	.1	.4
1950 to 1959	13.4	9.1	2.0	.9	.5	.7	6.5	2.2	1.0	2.1	.3	.5
1960 to 1969	16.7	10.4	1.7	2.7	.6	1.0	8.8	2.3	.7	1.3	1.2	1.0
1970 to 1974	10.2	5.0	.7	3.0	.6	.8	5.7	.8	.1	.6	1.4	.9
1975 or later	12.9	4.7	.8	5.7	.7	.9	6.6	1.0	.3	.5	1.5	.8

– Represents zero or rounds to zero. NA Not available. [1] Includes types of fuel and equipment not shown separately. [2] Liquid petroleum gas. [3] With or without flue.

Source of tables 1316 and 1317: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Housing Characteristic, 1982*, August 1984.

No. 1318. Housing Units—Characteristics, by Square Footage of Floor Space: 1980 to 1982

[See headnote, table 1317]

Characteristic	Average number of square feet per household				Households by measured heated square footage of residence (mil.)				
	Total		Heated		Total	Less than 1,000	1,000 to 1,599	1,600 to 2,399	2,400 and over
	Mean	Median	Mean	Median					
1980, total	1,745	1,488	1,499	1,260	81.6	28.6	24.0	17.8	11.3
1981, total	1,734	1,452	1,482	1,247	83.1	29.0	25.2	18.0	11.0
1982, total	**1,698**	**1,463**	**1,449**	**1,222**	**83.8**	**30.3**	**25.1**	**17.7**	**10.6**
Northeast	1,914	1,790	1,583	1,373	18.0	6.0	4.5	4.5	2.9
Midwest	1,874	1,782	1,592	1,344	21.3	6.8	5.5	5.2	3.9
South	1,557	1,305	1,345	1,170	28.1	10.6	9.9	5.2	2.4
West	1,474	1,280	1,296	1,103	16.5	6.9	5.2	2.9	1.4
Single family detached	2,061	1,872	1,717	1,525	53.8	10.2	18.3	15.5	9.7
Single family attached	1,787	1,745	1,535	1,513	3.9	.9	1.3	1.3	.3
2-4 unit building	1,137	929	1,025	843	10.1	6.2	2.8	.7	.5
5 or more unit building	795	736	784	733	12.2	10.2	1.7	.1	.2
Mobile home	860	780	846	773	3.7	2.8	.9	–	(NA)
Year house built:									
1939 or earlier	1,742	1,498	1,426	1,210	23.6	8.9	7.1	4.7	3.0
1940–1949	1,665	1,488	1,379	1,166	7.0	2.8	2.1	1.4	.7
1950–1959	1,663	1,519	1,460	1,302	13.4	4.0	4.8	3.2	1.4
1960–1969	1,709	1,440	1,474	1,209	16.7	6.0	4.9	3.6	2.2
1970–1974	1,639	1,344	1,444	1,196	10.2	4.2	2.7	2.0	1.4
1975–1979	1,750	1,543	1,526	1,300	10.0	3.3	2.7	2.4	1.6
1980 or later	1,534	1,250	1,374	1,120	2.9	1.2	.8	.5	.3

– Represents zero or rounds to zero. NA Not available.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Housing Characteristics, 1982,* August 1984 and earlier issues.

No. 1319. Low-Income Public Housing Units, by Progress Stage: 1960 to 1984

[**In thousands.** As of **Dec. 31.** Housing for the elderly intended for persons 62 years old or over, disabled, or handicapped. Includes Puerto Rico and Virgin Islands. Covers units subsidized by HUD under annual contributions contracts. See also *Historical Statistics, Colonial Times to 1970,* series N 186–191]

Year	Total	Occupied units [1]	Under construction	Other [2]	Year and program	Total	Occupied units [1]	Under construction	Other [2]
1960	**593.3**	**478.2**	**36.4**	**78.8**	**1982**	**1,432.2**	**1,231.4**	**66.7**	**134.1**
Elderly	18.9	1.1	4.1	13.7	Elderly	392.0	328.4	27.7	35.9
1970	**1,155.3**	**893.5**	**126.8**	**135.0**	**1983**	**1,483.3**	**1,262.5**	**86.7**	**134.1**
Elderly	249.4	143.4	65.7	40.3	Elderly	410.0	338.4	35.7	35.9
1975	**1,316.7**	**1,180.4**	**52.9**	**83.4**	**1984**	**1,524.9**	**1,287.8**	**102.9**	**134.2**
Elderly	336.3	288.3	24.3	23.7	Elderly	425.5	347.7	41.7	36.1
1980	**1,321.1**	**1,195.6**	**20.9**	**104.6**	New construction	1,296.2	1,154.1	93.4	48.7
Elderly	358.3	317.7	11.5	29.1	Conventional [3]	980.8	885.1	57.9	37.8
1981	**1,404.0**	**1,229.3**	**51.5**	**123.2**	Turnkey [4]	315.4	269.0	35.5	10.9
Elderly	385.4	327.7	21.8	35.9	Acquistion [5]	47.7	31.4	4.2	12.1
					Leased housing [6]	181.0	102.3	5.3	73.4
					New	54.3	37.7	3.2	13.4

[1] Under management or available for occupancy. [2] To be constructed or to go directly "under management" because no rehabilitation needed. [3] New housing constructed on the Local Housing Authority (LHA) site pursuant to a contract let by the LHA. [4] New housing purchased by the LHA from a private developer upon completion of construction pursuant to an earlier agreement. [5] Existing housing acquired by the LHA. [6] Existing housing leased by LHA from an owner under a contract permitting LHA to sub-lease the units.

Source: U.S. Dept. of Housing and Urban Development, unpublished data.

No. 1320. New Apartments Completed and Rented in 3 Months, by Region: 1980 to 1984

[Structures with 5 or more units, privately financed, nonsubsidized, unfurnished apartments. Based on sample and subject to sampling variability]

Year and rent	Number (1,000)					Percent rented in 3 months				
	Total	Northeast	Midwest	South	West	Total	Northeast	Midwest	South	West
1980	196.1	14.2	43.8	91.5	46.6	75	77	77	74	75
1981	135.3	4.9	36.9	68.4	25.1	80	85	86	78	75
1982	117.0	4.6	21.9	66.8	23.7	72	74	79	70	72
1983	191.5	3.5	41.1	115.1	31.8	69	73	86	63	69
1984	**313.9**	**3.8**	**41.0**	**194.5**	**74.6**	**67**	**65**	**79**	**63**	**70**
Less than $300	36.0	.6	9.3	23.0	3.2	70	15	72	68	87
$300–$349	54.7	.5	9.7	34.6	10.0	72	82	85	68	75
$350–$399	75.9	.5	10.0	50.0	15.4	67	81	81	64	68
$400–$449	51.1	.3	5.0	32.0	13.8	63	70	87	58	66
$450–$499	42.9	.4	2.0	27.4	13.2	61	58	81	61	59
$500 or more	53.1	1.5	5.0	27.5	19.1	67	71	67	62	75

Source: U.S. Bureau of the Census, *Current Housing Reports,* series H-131-84-A, and unpublished data.

No. 1321. Vacancy Rates for Housing Units—Characteristics: 1980 to 1984

[**In percent.** Annual averages. Based on Current Population Survey and Quarterly Household Survey. Rate is relationship between vacant housing for rent or for sale and the total rental and homeowner supply, which comprises occupied units, units rented or sold and awaiting occupancy, and vacant units available for rent or sale. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series N 249-258]

RENTAL UNITS	1980	1981	1982	1983	1984	HOMEOWNER UNITS	1980	1981	1982	1983	1984
Total rental units	5.4	5.0	5.3	5.7	5.9	**Total homeowner units**	1.4	1.4	1.5	1.5	1.7
Inside SMSAs	5.2	4.8	5.0	5.5	5.7	Inside SMSAs	1.3	1.4	1.5	1.6	1.6
Outside SMSAs	6.1	5.7	6.2	6.3	6.4	Outside SMSAs	1.4	1.3	1.5	1.5	1.8
Northeast	4.2	3.7	3.7	4.0	3.7	Northeast	1.1	1.1	1.0	1.0	.8
Midwest	6.0	5.9	6.3	6.1	5.9	Midwest	1.6	1.4	1.6	1.5	1.6
South	6.0	5.4	5.8	6.9	7.9	South	1.3	1.3	1.6	1.8	2.0
West	5.2	5.1	5.4	5.2	5.2	West	1.6	1.7	1.9	1.8	2.0
Units in structure: 1 unit	3.4	3.3	3.6	3.7	3.8	Units in structure: 1 unit	1.2	1.1	1.2	1.3	1.4
2 or more	6.4	6.0	6.2	6.7	7.0	2 or more	4.3	5.4	6.1	5.2	6.1
5 or more	7.1	6.4	6.5	7.1	7.5	5 or more	8.7	10.8	12.2	8.8	10.6
Units with: 3 rooms or less	6.9	6.9	7.2	7.2	7.5	Units with: 3 rooms or less	3.5	3.5	3.9	3.3	4.8
4 rooms	5.2	4.8	5.0	5.7	6.3	4 rooms	1.7	2.0	2.4	2.4	2.6
5 rooms	4.3	3.8	4.0	4.4	4.6	5 rooms	1.2	1.4	1.4	1.4	1.6
6 rooms or more	3.8	3.2	3.5	3.7	3.5	6 rooms or more	1.3	1.1	1.2	1.3	1.4
Monthly rent: Less than $80	2.5					Value: Less than $10,000	1.5	1.8	2.3	2.3	2.5
		3.0	3.4	2.5	2.7	$10,000–$19,999	.9				
$80–$99	3.4					$20,000–$24,999	.9	1.1	1.2	1.2	1.3
$100 or more	6.0	5.2	5.4	5.7	5.9	$25,000 or more	1.3				
Year built: 1960 or later	5.8	5.1	5.3	5.9	6.6	Year built: 1960 or later	1.8	1.6	1.8	1.8	2.0
1965 or later	6.2	5.3	5.6	6.2		1965 or later	2.1	1.8	2.1	1.9	1.2
1940–1959	4.7	4.9	5.2	5.4	5.6	1940–1959	.8	.8	.9	1.1	
1939 or earlier	5.5	5.2	5.5	5.6	5.3	1939 or earlier	1.5	1.6	1.6	1.7	1.7
Plumbing: With all facilities	5.2	4.8	5.1	5.5	5.7	Plumbing: With all facilities	1.3	1.4	1.5	1.5	1.6
Lacking facilities	10.6	12.3	12.2	11.8	13.6	Lacking facilities	4.2	3.3	3.9	3.6	5.3

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-111.

No. 1322. Expenditures by Residential Property Owners for Improvements and Maintenance and Repairs: 1970 to 1984

YEAR AND TYPE OF EXPENDITURE	Unit	All properties	1-unit properties with owner occupant	Other properties	ADDITIONS AND ALTERATIONS			Major construction replacements	Maintenance and repairs
					Total	Residential	Other property		
1970: Total expenditures	**Mil. dol.**	**14,770**	**9,469**	**5,301**	**6,246**	**4,950**	**1,296**	**2,629**	**5,895**
Average per property	Dollars	297	265	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1975: Total expenditures	**Mil. dol.**	**25,239**	**15,684**	**9,556**	**10,997**	**8,815**	**2,182**	**4,484**	**9,758**
Average per property	Dollars	459	382	685	200	160	40	82	178
1980: Total expenditures	**Mil. dol.**	**46,338**	**31,481**	**14,857**	**21,336**	**15,376**	**5,960**	**9,816**	**15,187**
Average per property	Dollars	761	698	994	355	256	99	163	253
1981: Total expenditures	**Mil. dol.**	**46,351**	**30,201**	**16,150**	**20,414**	**15,111**	**5,303**	**9,915**	**16,022**
Average per property	Dollars	758	661	1,047	334	247	87	162	262
1982: Total expenditures [1]	**Mil. dol.**	**45,291**	**29,779**	**15,512**	**18,774**	**13,352**	**5,423**	**9,707**	**16,810**
Average per property	Dollars	701	630	896	291	207	84	150	260
Heating and air-conditioning [2]	Mil. dol.	3,230	2,041	1,189	687	687	(NA)	1,707	836
Plumbing	Mil. dol.	4,258	2,199	2,059	710	710	(NA)	1,748	1,799
Roofing	Mil. dol.	5,105	3,257	1,848	(NA)	(NA)	(NA)	3,780	1,324
Painting	Mil. dol.	5,734	3,194	2,540	(NA)	(NA)	(NA)	(NA)	5,734
1983: Total expenditures [1]	Mil. dol.	**49,295**	**32,524**	**16,771**	**20,271**	**16,412**	**3,859**	**10,895**	**18,128**
Average per property	Dollars	761	681	984	313	253	59	168	280
Heating and air-conditioning [2]	Mil. dol.	3,714	2,643	1,071	701	701	(NA)	2,022	991
Plumbing	Mil. dol.	3,982	2,054	1,928	557	557	(NA)	1,741	1,684
Roofing	Mil. dol.	5,093	3,161	1,932	(NA)	(NA)	(NA)	3,579	1,514
Painting	Mil. dol.	6,317	3,529	2,788	(NA)	(NA)	(NA)	(NA)	6,317
1984: Total expenditures [1]	**Mil. dol.**	**63,174**	**37,523**	**26,650**	**23,604**	**18,504**	**5,100**	**15,785**	**23,784**
Average per property	Dollars	956	773	1,523	357	280	77	239	360
Heating and air conditioning [2]	Mil. dol.	6,265	3,869	2,398	961	961	(NA)	4,062	1,243
Plumbing	Mil. dol.	5,915	2,366	3,549	678	678	(NA)	2,651	2,586
Roofing	Mil. dol.	6,303	3,891	2,412	(NA)	(NA)	(NA)	4,120	2,183
Painting	Mil. dol.	7,974	4,052	3,922	(NA)	(NA)	(NA)	(NA)	4,052

NA Not available. [1] Includes types of expenditures not separately specified. [2] Central air-conditioning.

Source: U.S. Bureau of the Census, *Construction Reports*, series C50.

No. 1323. Recent Home Buyers—General Characteristics and Downpayments: 1976 to 1984

[As of **October.** Based on a sample survey; subject to sampling variability]

ITEM	Unit	1976	1978	1979	1980	1981	1982	1983	1984
Median price of house purchased	Dollars	43,340	54,750	58,100	68,714	78,220	82,500	90,100	89,400
First-time buyers	Dollars	37,670	46,700	50,800	61,450	63,180	58,900	73,100	81,500
Repeat buyers [1]	Dollars	50,090	59,180	64,600	75,750	82,220	98,300	101,800	100,400
Average monthly mortgage payment	Dollars	329	384	449	599	694	732	794	868
Percent of income	Percent	24.0	26.0	28.2	32.4	35.5	33.0	32.5	30.3
Percent buying—									
New houses	Percent	15.1	14.4	17.8	22.4	25.2	23.2	26.4	22.3
Existing houses	Percent	84.9	85.6	82.2	77.6	74.8	76.8	73.6	77.7
Single-family houses	Percent	88.8	86.6	87.5	82.4	78.3	76.6	87.8	89.9
Multiple-family houses	Percent	4.8	7.6	5.3	5.5	6.9	6.5	4.6	2.5
Condominiums	Percent	6.4	5.6	6.8	12.1	13.4	16.9	7.6	7.6
For the first time	Percent	44.8	36.7	36.6	32.9	39.4	40.6	40.5	37.7
Average age of first-time buyers	Years	28.1	28.3	28.4	28.3	28.4	28.6	28.9	29.1
Average age of repeat buyers [1]	Years	35.9	35.5	34.7	36.4	36.4	37.1	37.3	37.8
Source of downpayment for—									
First-time buyer:									
Entirely from savings and investments	Percent	70.9	73.5	43.8	51.1	63.8	67.6	73.2	65.9
Help from relatives	Percent	20.4	8.7	32.6	32.6	17.0	11.3	19.5	19.9
Repeat buyers: [1]									
Entirely from savings and investments	Percent	21.2	19.2	14.8	27.7	22.6	27.5	29.1	32.7
Entirely from previous home sale	Percent	45.5	56.6	55.8	39.7	46.2	52.9	39.4	28.9
Downpayment to sales price	Percent	25.2	21.4	24.9	28.0	24.1	22.4	22.9	20.9
First-time buyers	Percent	18.0	12.4	17.6	20.5	19.4	15.1	15.7	13.2
Repeat buyers [1]	Percent	30.8	27.8	29.0	32.7	27.1	27.3	27.8	25.6

[1] Buyers who previously owned a home.

Source: Chicago Title Insurance Company, Chicago, IL, *The Guarantor,* bimonthly. (Copyright.)

No. 1324. Volume of Long-Term Mortgage Loans Originated, by Type of Property, 1970 to 1984, and by Lender, 1984

[**In billions of dollars.** Covers credit extended in primary mortgage markets for financing real estate acquisitions]

TYPE OF PROPERTY	1970	1975	1979	1980	1981	1982	1983	1984, BY LENDER					
								Total [1]	Savings and loan	Commercial banks	Mortgage companies	Fed. credit agencies	Mutual savings
Loans, total	**59.8**	**120.7**	**258.2**	**197.2**	**158.1**	**153.9**	**293.9**	**310.5**	**129.6**	**79.1**	**50.8**	**11.6**	**18.1**
1-4 unit family home	35.6	77.9	186.6	133.7	98.3	97.0	201.9	202.2	96.2	40.5	47.6	3.2	12.7
New units	12.6	24.6	60.5	49.1	37.3	30.6	47.4	53.4	23.4	8.7	16.2	2.0	2.1
Existing units	23.0	53.3	126.1	84.6	61.0	66.4	154.5	148.8	72.8	31.7	31.4	1.2	10.6
Multifamily residential	8.8	10.7	15.8	12.5	12.0	11.4	19.7	23.2	13.2	3.1	.4	2.4	2.1
New units	7.0	5.8	8.4	6.6	8.0	6.1	7.1	7.2	3.0	.5	.1	2.3	.3
Existing units	1.8	4.9	7.4	3.9	4.0	5.3	12.6	16.0	10.1	2.6	.3	.1	1.8
Non-residential	12.5	24.2	41.0	35.9	32.5	34.3	62.4	74.7	20.1	31.7	2.8	.7	3.4
Farm properties	3.0	7.9	14.8	15.0	15.4	11.2	9.9	10.4	.1	3.9	–	5.3	–

– Represents zero. [1] Includes life insurance companies and other lenders not shown separately.

Source: U.S. Dept. of Housing and Urban Development, *Survey of Mortgage Lending Activity, 1970–1979,* and monthly and quarterly press releases based on the Survey of Mortgage Lending Activity.

No. 1325. Mortgage Status of Nonfarm Dwelling Units: 1940 to 1983

[**In millions, except percent.** Prior to 1960, excludes Alaska and Hawaii. For 1940 and 1950, mortgage data are for owner-occupied dwelling units in 1- to 4-dwelling unit structures without business; for 1960, properties with 1- to 4-dwelling units; for 1971–1981, properties with 1 housing unit. See also *Historical Statistics, Colonial Times to 1970,* series N 302–307]

ITEM	1940	1950	1960	1971	1974	1975	1976	1977	1978	1979	1980	1981	1983
Owner occupied units	11.4	19.8	27.9	33.2	36.2	37.2	37.9	38.8	40.1	41.3	41.9	43.3	43.5
Reporting mortgage status	10.6	17.8	27.9	33.2	36.2	37.2	37.9	38.8	40.1	41.3	41.9	43.3	43.5
Mortgaged	4.8	7.8	15.8	20.1	23.0	23.4	24.1	24.9	25.6	26.4	27.1	27.9	27.8
Percent	45.3	44.0	56.8	60.6	63.5	63.0	63.5	64.2	63.9	64.0	64.6	64.5	63.8
Not mortgaged	5.8	10.0	12.0	13.1	13.2	13.8	13.8	13.9	14.5	14.9	14.9	15.4	15.8

Source: U.S. Bureau of the Census, *Census of Housing: 1950,* vol. I; *1960* and *1970,* vol. V; and *Current Housing Reports,* series H-150, Annual Housing Survey, part C.

No. 1326. Characteristics of Conventional First Mortgage Loans for Purchase of Single-Family Homes: 1970 to 1984

[Annual averages, except as indicated. Refers to loans originated directly (rather than through correspondents) by savings and loan associations, mortgage companies, commercial banks, or mutual savings banks]

Loan characteristic	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
NEW HOMES												
Contract interest rate	Percent	8.3	8.8	8.8	8.8	9.3	10.5	12.3	14.1	14.5	12.1	11.9
Initial fees, charges [1]	Percent	1.03	1.53	1.42	1.32	1.39	1.66	2.09	2.66	2.96	2.39	2.66
Term to maturity	Years	25.1	27.0	27.3	27.9	28.0	28.5	28.1	27.7	27.5	26.7	27.8
Loan to price ratio	Percent	71.7	76.2	75.7	76.3	75.2	73.8	73.2	74.8	76.6	77.3	78.6
Purchase price	$1,000	35.5	44.7	49.1	54.4	62.8	74.4	83.2	90.3	94.1	93.9	96.8
EXISTING HOMES												
Contract interest rate	Percent	8.2	9.0	8.9	8.8	9.4	10.6	12.5	14.5	14.8	12.3	12.0
Initial fees, charges [1]	Percent	.92	1.16	1.14	1.17	1.26	1.44	1.91	2.27	2.55	2.40	2.54
Term to maturity	Years	22.8	24.2	24.6	25.8	26.4	27.1	26.9	25.9	24.9	25.9	26.5
Loan to price ratio	Percent	71.1	73.5	73.8	75.1	75.0	74.0	73.5	72.9	71.9	74.3	76.8
Purchase price	$1,000	30.0	39.2	42.0	47.6	54.5	64.8	68.3	68.5	70.7	79.3	82.2

[1] Rate applies to any general or specific charges paid by borrower or seller, in order to obtain a loan, except those for mortgage, credit, life, or property insurance; for property transfer; and for title search and insurance.

Source: U.S. Federal Home Loan Bank Board, monthly news releases.

No. 1327. Residential Finance—Selected Characteristics of Properties: 1981

[Covers nonfarm, privately owned residential properties. A mortgaged property is defined as all of the buildings and land covered by a single first mortgage. Based on a sample of properties and subject to sampling varability]

Type of property, mortgage insurance status, and holder of mortgage	Number of properties (1,000)					Outstanding mortgage debt (bil. dol.)				
	All properties	Homeowner		Rental and vacant		All properties	Homeowner		Rental and vacant	
		Total	1 unit	Total	1 unit		Total	1 unit	Total	1 unit
ALL PROPERTIES										
Total	**53,663**	**43,986**	**41,209**	**9,677**	**7,198**	(X)	(X)	(X)	(X)	(X)
Nonmortgaged	22,593	17,302	16,092	5,290	4,193	(X)	(X)	(X)	(X)	(X)
Mortgaged	31,070	26,684	25,116	4,386	3,005	966.7	723.7	678.1	243.1	75.8
MORTGAGED PROPERTIES [1]										
Mortgage insurance status:										
FHA-insured	4,573	4,075	3,891	498	425	123.9	88.0	83.6	35.9	8.8
VA guaranteed	3,943	3,532	3,432	411	371	108.3	97.7	95.0	10.6	9.3
Insured conventional	3,488	3,040	2,812	448	360	128.8	108.7	100.3	20.1	11.9
Other conventional	19,066	16,037	14,981	3,029	1,850	605.8	429.3	399.2	176.5	45.8
Holder of first mortgage:										
Commercial bank	4,800	4,102	3,878	697	516	136.7	110.1	102.8	26.6	11.2
Mutual savings bank	2,953	2,638	2,414	315	190	74.4	53.8	48.9	20.6	3.7
Savings and loan assn	12,817	10,965	10,219	1,852	1,186	387.6	306.2	283.3	81.4	31.8
Life insurance company	1,135	1,039	1,023	96	69	35.9	16.2	15.9	19.7	1.0
Federally-secured pool	2,670	2,454	2,377	216	186	90.4	80.1	77.6	10.3	5.6
Other	6,694	5,484	5,205	1,210	857	241.8	157.4	149.6	84.4	22.7

X Not applicable. [1] Refers to first mortgage.

Source: U.S. Bureau of the Census, *1980 Census of Housing, Vol. 5, Residential Finance.*

No. 1328. One-Family Homes, FHA-Insured Mortgages: 1975 to 1984

[Data for sec. 203(b) of National Housing Act only. For definition of median, see Guide to Tabular Presentation]

Characteristic	Unit	New homes							Existing homes						
		1975	1979	1980	1981	1982	1983	1984	1975	1979	1980	1981	1982	1983	1984
Number of mortgages	1,000	35.7	37.0	30.7	23.2	17.5	38.1	36.6	178.9	241.8	198.0	109.6	85.5	328.7	163.3
Avg. purchase transactions:															
Total acquisition cost [1]	$1,000	33.0	50.3	56.0	60.9	62.2	64.2	67.4	26.9	39.4	45.0	47.7	51.1	56.3	54.7
Closing costs	Dollars	672	856	981	1,049	1,144	1,173	1,291	606	846	960	1,054	1,104	1,197	1,244
Market price of site [2]	$1,000	6.4	9.8	11.8	12.4	12.8	12.8	13.5	5.5	8.1	10.1	11.4	11.7	12.8	12.2
Median value and cost:															
Amount of mortgage	$1,000	29.7	45.0	50.1	53.8	54.8	56.4	59.2	24.6	35.4	39.6	41.5	42.4	48.3	47.3
Estimated value	$1,000	32.5	50.4	56.0	60.9	62.5	63.9	66.7	26.2	38.4	44.0	47.0	50.6	56.2	53.3
Annual loan/value ratio [3]	Percent	92.8	93.5	92.6	91.5	91.5	91.7	91.8	94.9	95.1	93.9	93.2	89.4	90.7	94.1
Income of occupant	$1,000	17.1	24.3	27.1	32.2	34.4	33.8	33.5	15.5	21.2	24.7	28.4	32.1	32.2	31.6
Monthly mortgage payment	Dollars	284	469	568	697	766	692	692	245	368	466	545	630	613	573
Average term of mortgage	Years	30.0	29.9	29.9	29.8	29.7	29.0	20.0	29.3	29.5	29.5	29.5	29.1	28.8	28.5
Interest rates [4]	Percent	8.5	10.0	11.5	15.5	15.5	12.5	12.5	8.5	10.0	11.5	15.5	15.5	12.5	12.5

[1] Sales price plus closing costs. [2] Includes street improvements or utilities, rough grading, terracing and retaining walls, if any, for site. [3] Based on 4th quarter data only. [4] Represents maximum rate in effect as of Nov. 1. Sec. 203(b) interest rates deregulated Nov. 30, 1983.

Source: U.S. Dept. of Housing and Urban Development, 1975–1979, *HUD Statistical Yearbook;* thereafter, unpublished data.

No. 1329. Residential Loans Underwritten by FHA: 1970 to 1984

[In millions of dollars. Figures are gross amount of insurance written; do not take account of principal repayments on previously insured loans. See also *Historical Statistics, Colonial Times to 1970*, series N 291-297]

LOAN	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
FHA-insured loans	**11,982**	**7,941**	**13,000**	**16,098**	**22,848**	**22,301**	**14,976**	**14,105**	**31,651**	**17,749**
Home mortgages: New properties	2,667	1,148	1,664	1,881	3,409	4,071	3,177	2,444	4,209	3,704
Existing properties	5,447	5,017	7,177	9,259	14,758	12,387	7,102	5,643	22,363	10,821
Project type mortgages	3,251	976	2,818	3,270	2,719	4,197	3,024	4,464	3,227	1,867
Property improvement loans [1]	617	799	1,341	1,688	1,962	1,646	1,674	1,554	1,852	1,357

[1] Not ordinarily secured by mortgages. Includes mobile home loans.

Source: U.S. Dept. of Housing and Urban Development, 1970-1979, *HUD Statistical Yearbook;* thereafter, unpublished data.

No. 1330. Commercial Buildings—Selected Characteristics, by Square Footage of Floorspace: 1983

[Excludes industrial buildings. Excludes Alaska and Hawaii. Building type based on predominant activity in which the occupants were engaged. Based on a sample survey building representatives conducted between March and August 1983; therefore, subject to sampling variability. For composition of regions, see fig. 1, inside front cover]

CHARACTERISTIC	Number of buildings (1,000)	FLOORSPACE (mil. sq. ft.)							Average sq. ft. per building (1,000)	Median sq. ft. per building (1,000)
		Total	Within all buildings having square footage of —							
			5,000 or less	5,001 to 10,000	10,001 to 25,000	25,001 to 50,000	50,001 to 100,00	100,001 and over		
All buildings	**3,948**	**52,325**	**4,908**	**5,246**	**8,912**	**7,692**	**7,168**	**18,399**	**13.3**	**4.0**
Year constructed:										
1900 or before	288	2,940	406	440	767	530	281	(s)	10.2	4.8
1901 to 1920	388	5,453	514	600	1,049	1,010	942	1,337	14.1	5.1
1921 to 1945	726	8,639	855	950	1,663	1,656	949	2,566	11.9	3.8
1946 to 1960	646	9,612	1,187	1,279	1,699	964	1,265	3,219	10.2	3.1
1961 to 1970	721	9,947	881	860	1,417	1,371	1,533	3,885	13.8	3.4
1971 to 1973	209	3,442	249	320	496	654	556	1,168	16.4	5.1
1974 to 1979	530	6,616	688	635	1,298	1,029	848	2,118	12.5	4.1
1980 to 1983	140	5,675	127	163	523	479	794	3,590	40.5	9.9
Principal activity within building:										
Assembly	457	5,483	485	901	1,390	912	621	(s)	12.0	5.9
Educational	177	6,044	113	182	560	1,322	1,619	2,248	34.2	18.1
Food sales/service	380	2,051	636	343	568	209	179	(s)	5.4	2.8
Health care	61	2,277	80	(s)	(s)	(s)	(s)	1,761	37.6	4.7
Lodging	106	2,241	95	166	310	495	318	856	21.1	6.8
Mercantile/services	1,071	10,427	1,433	1,562	2,013	1,065	1,089	(s)	9.7	3.5
Office	575	8,454	749	803	1,236	976	933	3,757	14.7	4.1
Residential	236	2,454	325	265	748	432	(s)	(s)	10.4	4.4
Warehouse	425	6,791	448	445	1,202	1,203	1,198	2,293	16.0	4.8
Other	179	2,760	176	186	405	350	214	1,429	15.4	3.4
Vacant	281	3,342	368	314	410	582	614	1,054	11.9	3.3
Region:										
Northeast	670	11,615	784	939	1,960	1,915	1,754	4,264	17.3	5.7
Midwest	1,211	16,058	1,526	1,685	2,616	2,334	2,146	5,750	13.3	4.0
South	1,493	17,049	1,971	1,685	2,923	2,176	2,199	6,094	11.4	3.3
West	574	7,602	627	937	1,412	1,267	1,068	(s)	13.2	4.7
Number of establishments in building:										
None	142	1,475	218	(s)	137	187	342	300	10.4	3.1
Single establishment	3,160	35,227	4,077	3,870	6,563	5,710	5,031	9,975	11.1	3.6
Multi-establishment	645	15,623	613	1,202	2,212	1,795	1,794	8,007	24.2	7.5
Government occupancy:										
Government occupied	346	10,099	327	378	959	1,356	1,551	5,529	29.2	7.2
Not Government occupied	3,602	42,225	4,580	4,868	7,953	6,336	5,616	12,871	11.7	3.9
Fuels used alone or in combination:										
Electricity	3,783	51,359	4,701	5,079	8,810	7,491	6,973	18,305	13.6	4.1
Natural gas	2,314	37,090	2,732	3,522	6,081	5,484	4,930	14,342	16.0	5.0
Fuel oil	633	13,313	743	886	1,656	1,425	1,509	7,093	21.0	5.1
Propane	260	3,007	380	285	515	328	209	1,290	11.6	3.5
Purchased steam	60	4,594	(s)	(s)	235	448	645	3,173	76.2	29.2
Other	245	3,997	345	260	497	337	535	2,024	16.3	3.6

S Figure does not meet publication standards.

Source: U.S. Energy Information Administration, *Characteristics of Commercial Buildings, 1983.*

No. 1331. Commercial Buildings and Workers—Selected Building Characteristics, by Floorspace: 1983

[See headnote, table 1330]

Building characteristics	Number of buildings (1,000)							Workers		
		Square footage of—								
	Total	5,000 or less	5,001 to 10,000	10,001 to 25,000	25,001 to 50,000	50,001 to 100,000	100,001 and over	Number (1,000)	Average sq. ft. per worker	Median sq. ft. per worker
All buildings	**3,948**	**2,248**	**725**	**567**	**222**	**107**	**79**	**77,673**	**674**	**714**
Principal activity within building:										
Assembly	457	209	122	86	27	9	4	5,998	914	1,087
Educational	177	45	24	33	37	24	14	6,131	986	971
Food sales/service	380	287	49	35	6	3	(s)	5,670	362	380
Health care	61	31	(s)	(s)	(s)	(s)	7	5,512	413	397
Lodging	106	42	23	19	14	5	3	2,373	944	1,176
Mercantile/services	1,071	666	217	131	30	17	10	13,914	749	735
Office	575	328	109	81	27	14	15	26,174	323	364
Residential	236	131	37	48	13	(s)	(s)	1,371	1,790	1,295
Warehouse	425	221	64	75	36	18	11	5,386	1,261	1,253
Other	179	111	24	25	10	3	5	3,524	762	604
Vacant	281	177	43	29	17	9	5	1,520	2,199	(X)
Region:										
Northeast	670	306	131	130	58	27	18	16,633	698	849
Midwest	1,211	688	234	163	68	31	27	22,659	709	731
South	1,493	955	236	185	60	32	24	26,347	647	677
West	574	299	124	89	37	17	9	12,034	632	604
Government occupancy:										
Government occupied	346	153	51	61	39	23	19	17,149	589	544
Non-government occupied	3,602	2,095	674	507	183	84	59	60,524	698	731

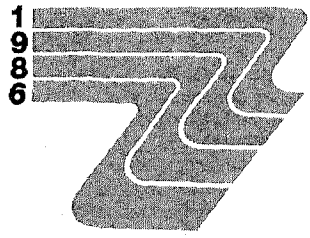
S Figure does not meet publication standards.

No. 1332. Commercial Buildings—Number and Square Footage of Floorspace, by Type of Building and Characteristic: 1983

Building characteristics	All buildings	Assembly	Educational	Food sales/service	Health care	Lodging	Mercantile/services	Office	Residential	Warehouse	Other
NUMBER (1,000)											
All buildings	**3,948**	**457**	**177**	**380**	**61**	**106**	**1,071**	**575**	**236**	**425**	**460**
Year constructed:											
1900 or before	288	51	(s)	24	(s)	(s)	71	35	54	20	22
1901 to 1920	388	66	11	43	(s)	(s)	95	41	45	41	31
1921 to 1945	726	69	24	55	8	15	194	107	69	80	104
1946 to 1960	946	102	58	78	19	35	311	97	38	98	110
1961 to 1970	721	87	45	76	10	27	187	121	(s)	81	72
1971 to 1973	209	19	6	23	(s)	12	52	45	(s)	22	-
1974 to 1979	530	50	20	70	12	7	139	100	(s)	65	57
1980 to 1983	140	14	10	12	3	3	21	28	(s)	18	30
Region:											
Northeast	670	61	28	58	11	13	183	97	97	57	66
Midwest	1,211	149	39	120	21	12	353	176	78	131	130
South	1,493	202	79	145	20	57	383	191	44	170	201
West	574	45	31	57	(s)	24	151	112	16	68	63
Government occupancy:											
Government occupied	346	46	57	(s)	13	(s)	32	79	(s)	20	83
Non-government occupied	3,602	411	120	372	47	101	1,039	496	233	405	376
FLOORSPACE (mil. sq. ft.)											
All buildings	**52,325**	**5,483**	**6,044**	**2,051**	**2,277**	**2,241**	**10,427**	**8,454**	**2,454**	**6,791**	**6,102**
Year constructed:											
1900 or before	2,940	373	(s)	129	(s)	(s)	488	429	609	315	263
1901 to 1920	5,453	791	435	249	(s)	(s)	882	715	517	915	394
1921 to 1945	8,639	799	1,084	206	215	523	1,345	1,388	721	1,096	1,263
1946 to 1960	9,612	1,142	1,623	368	751	301	2,120	966	278	1,348	716
1961 to 1970	9,947	896	1,494	390	346	647	1,979	1,773	(s)	1,406	832
1971 to 1973	3,442	318	357	163	(s)	255	736	625	(s)	363	-
1974 to 1979	6,616	654	674	376	505	213	1,485	1,370	(s)	797	509
1980 to 1983	5,675	(s)	274	171	130	154	(s)	1,189	(s)	552	1,255
Region:											
Northeast	11,615	1,053	1,374	392	502	422	2,040	1,774	1,336	1,224	1,498
Midwest	16,059	1,755	1,834	724	1,015	669	3,219	2,178	717	2,130	1,818
South	17,049	1,835	2,082	616	567	803	3,843	2,903	299	2,288	1,813
West	7,602	(s)	754	320	193	346	1,325	1,599	103	1,149	973
Government occupancy:											
Government occupied	10,099	651	2,625	(s)	552	258	(s)	2,197	(s)	373	1,682
Non-government occupied	42,225	4,831	3,419	1,913	1,725	1,983	8,859	6,257	2,400	6,418	4,420

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Source of tables 1331 and 1332: U.S. Energy Information Administration, *Characteristics of Commercial Buildings, 1983.*



Section 29

Manufactures

This section presents summary data for manufacturing as a whole and more detailed information for major industry groups and selected specific products. The types of measures shown at the different levels include data for establishments; employment and wages; raw materials, fuels, and electricity consumed; plant and equipment expenditures; value and quantity of production and shipments; value added by manufacture; inventories; and various indicators of financial status.

The principal sources of these data are Bureau of the Census reports of the censuses of manufactures conducted every five years; the *Annual Survey of Manufactures;* and the *Current Industrial Reports* series, which presents monthly, quarterly, or annual data on production, shipments, and stocks for particular commodities. Indexes of industrial production are presented monthly in the Federal Reserve Board's *Federal Reserve Bulletin.* Reports on current activities of industries, or current movements of individual commodities, are compiled by such government agencies as the Bureau of Labor Statistics; the Economic Research Service of the Department of Agriculture; the International Trade Administration; and by private research or trade associations such as The Conference Board, Inc., New York, and the American Iron and Steel Institute, Washington, DC.

Data on financial aspects of manufacturing industries are collected by the Bureau of Economic Analysis (BEA) and the Bureau of the Census. Industry aggregates in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and amounts of security issues are published for leading manufacturing corporations registered with the SEC. The BEA issues data on capital in manufacturing industries and capacity utilization rates in manufacturing. See also Section 18, Business Enterprise, in this edition.

Censuses and annual surveys.—The first census of manufactures covered the year 1809. Between 1809 and 1963, a census was conducted at periodic intervals. Since 1967 it has been taken every 5 years (for years ending in "2" and "7"). Census data, either direct reports or estimates from administrative records, are obtained for every manufacturing plant with one employee or more.

The Annual Survey of Manufactures, conducted for the first time in 1949, collects data for the years between censuses for the more general measures of manufacturing activity covered in detail by the censuses. The annual survey data are estimates derived from a scientifically selected sample of establishments. The most recent, 1981, annual survey is based on a sample of about 56,000 establishments of an approximate total of 225,000. It comprises all large plants, which account for approximately two-thirds of total U.S. manufacturing employment, and a representative selection of the more numerous small plants. Government-owned and -operated establishments are excluded.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for both the annual surveys and the census of manufactures. However, the bases for computing average employment vary for different years. For example, beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the 15th of March, May, August, and November, whereas for 1947 such averages were based on 12 monthly employment figures. In 1967, the average employment calculation was revised to the pay periods which include the 12th of March, May, August, and November to provide data more comparable with other statistical series.

Establishments and classification.—The censuses of manufactures for 1947 through 1977 cover operating manufacturing establishments as defined in the *Standard Industrial Classification Manual (SIC),* issued by the U.S. Office of Management and Budget (see text, p. 388). The *Manual* is also used for classifying establishments in the annual surveys. The comparability of manufactures data over time is affected by changes in the official definitions of industries as presented in the *Manual.* It is important to note therefore, that the 1972 edition of the *Manual* was used for the 1972 and 1977 censuses; and the 1972 edition of the *Manual* and the *1977 Supplement* was used for the 1982 census while the 1967 *Manual* was used for the 1967 census. For the censuses from 1947 to 1963, reports were required from all establishments employing one or more persons at any time during the census year. For the 1967 and 1972 censuses, reports were required only from establishments with 10 or more employees and establishments operated by multi-establishment companies. Data for single unit companies with less than 10 employees were estimated on the

basis of government administrative records and industry averages. In the 1982 Census, data were based on administrative records for all establishments with fewer than 5 employees; and, depending on the industry, for those with fewer than 20. Each of the establishments tabulated was classified in one of the approximately 450 manufacturing industries as defined by the *SIC Manual* in 1972, 1977, and 1982. The *Manual* defines an industry as a number of establishments producing a single product or a closely related group of products. In the main, an establishment is classified in a particular industry if its production of a product or product group exceeds in value added its production of any other product group. While some establishments produce only the products of the industry in which they are classified, few within an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect both the primary and secondary activities of the establishments in that industry. For this reason care should be exercised in relating such statistics to the total shipments figures of products primary to the industry.

The censuses for 1947 through 1982 were conducted on an establishment basis. The term "establishment" signifies a single physical plant site or factory. It is not necessarily identical with the business unit or company, which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a separate report for each location. An establishment engaged in distinctly different lines of activity and maintaining separate payroll and inventory records is also required to submit separate reports.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986.* For cross-references, see Appendix VI.

No. 1333. National Income Originating in Manufacturing: 1963 to 1984

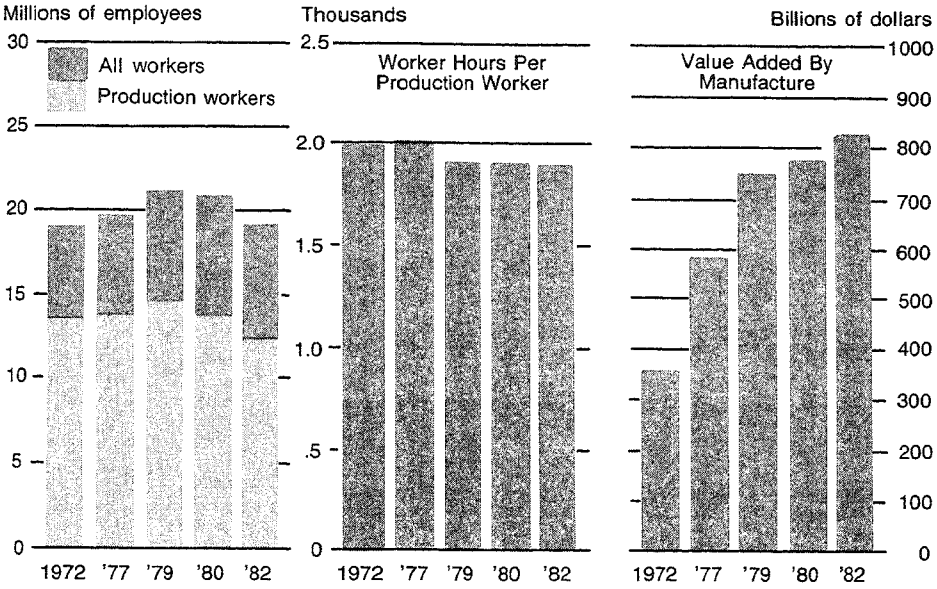
[**In billions of dollars, except percent.** For definition of national income, see text, p. 427. Refers to national income without capital consumption adjustment. Data represent net value added at factor costs. See *Historical Statistics, Colonial Times to 1970,* series F 230, for single-year figures prior to revisions issued in 1981]

ITEM	1963	1967	1972	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total manufacturing	144	194	252	318	367	413	465	509	527	581	550	580	656
Percent of national income	29	29	26	25	26	26	26	25	24	24	22	22	22
Durable goods	86	119	154	186	217	250	286	311	312	340	311	330	387
Percent of total	60	61	61	58	59	60	61	61	59	59	57	57	59
Machinery, except electrical	14	22	28	37	42	49	56	64	68	75	69	64	76
Electric and electronic equipment	12	18	23	27	31	36	41	45	50	54	54	57	68
Fabricated metal products	10	15	19	24	28	32	36	40	41	43	40	41	48
Other transportation equipment	10	14	13	16	18	20	23	26	29	31	32	32	37
Primary metal industries	11	14	18	24	26	28	34	38	38	41	28	29	34
Motor vehicles and equipment	11	13	20	19	27	33	35	32	22	27	25	34	42
Instruments and related products	4	6	7	9	11	12	14	15	17	20	21	22	24
Stone, clay, and glass products	5	6	9	10	12	13	16	17	16	16	14	17	19
Lumber and wood products	4	5	8	8	11	13	16	17	15	14	12	15	18
Miscellaneous manufacturing industries	3	3	5	5	6	7	7	8	8	10	9	9	10
Furniture and fixtures	2	3	4	5	5	6	7	8	8	8	8	9	11
Nondurable goods	57	75	98	132	150	163	179	198	215	241	238	250	269
Food and kindred products	14	16	20	31	31	34	35	38	41	46	46	47	50
Chemicals and allied products	10	13	18	25	29	31	33	35	37	42	42	45	49
Petroleum and coal products	4	6	7	15	19	19	21	28	36	43	40	37	36
Printing and publishing	7	10	14	17	19	21	24	26	28	31	33	37	41
Paper and allied products	5	7	9	12	14	15	17	19	20	21	20	23	26
Rubber and miscellaneous plastic products	4	5	8	9	10	12	14	15	15	17	17	19	21
Apparel and other textile products	6	7	10	11	12	14	15	15	16	18	17	19	20
Textile mill products	5	6	8	9	11	12	13	14	13	14	13	15	16
Tobacco manufactures	1	1	2	2	3	3	3	4	4	4	5	5	6
Leather and leather products	2	2	2	2	3	3	3	3	4	4	4	4	4

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business,* July issues and unpublished data.

Figure 29.1

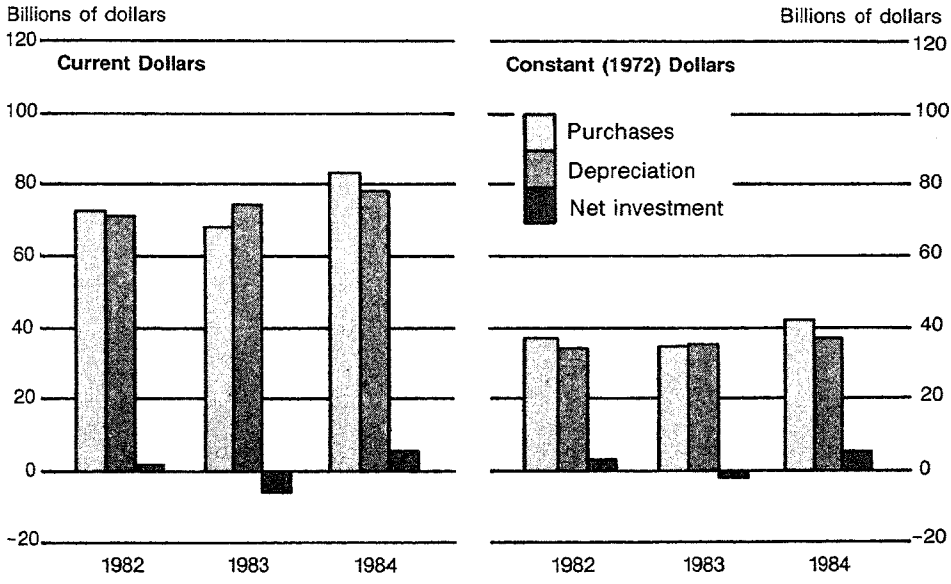
Manufactures—Summary: 1972 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1334.

Figure 29.2

Capital in Manufacturing Establishments: 1982 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1338.

No. 1334. Manufactures—Summary: 1954 to 1983

[1954 excludes Alaska and Hawaii. Census data, except as noted. For establishment coverage, see text, p. 742. Data based on Census of Manufactures. For composition of regions, see fig. 1 inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series P 1–12]

ITEM	Unit	1954	1958	1963	1967	1972	1977	1980 [1]	1981 [1]	1982	1983
ALL ESTABLISHMENTS											
Number of establishments [2]	1,000	[3] **287**	**303**	**312**	**311**	**321**	**360**	(NA)	(NA)	**358**	(NA)
With 20 or more employees	1,000	[3] 90	95	102	110	114	119	(NA)	(NA)	123	(NA)
Form of organization:											
Corporate	1,000	148.5	162.7	176.2	153.9	233.2	284.2	(NA)	(NA)	283.2	(NA)
Noncorporate, total [4]	1,000	138.4	135.4	130.4	33.2	87.5	75.7	(NA)	(NA)	74.0	(NA)
Individual proprietorship	1,000	88.2	91.3	99.2	24.9	42.5	52.3	(NA)	(NA)	45.6	(NA)
Partnership	1,000	47.9	42.0	27.7	6.7	17.7	18.3	(NA)	(NA)	15.0	(NA)
Region:											
Northeast	Percent	(NA)	(NA)	29.8	29.1	26.3	23.7	24.2	(NA)	23.7	(NA)
Midwest	Percent	(NA)	(NA)	35.4	35.0	34.9	34.4	31.1	(NA)	29.8	(NA)
South	Percent	(NA)	(NA)	21.5	22.7	25.5	27.4	28.5	(NA)	29.5	(NA)
West	Percent	(NA)	(NA)	13.3	13.0	13.4	14.5	16.2	(NA)	17.0	(NA)
All employees, [5] **annual average** [6]	**Million**	**16.1**	**16.0**	**17.0**	**19.3**	**19.0**	**19.6**	**20.6**	**20.3**	**19.1**	**18.7**
Payroll, all employees	Bil. dol.	66	78	100	132	174	264	350	379	380	395
Payroll per employee	$1,000	4.1	4.9	5.9	6.8	9.2	13.5	17.0	18.7	19.9	21.1
Production workers, annual average	Million	12.4	11.7	12.2	14.0	13.5	13.7	13.9	13.5	12.4	12.2
Percent of all employees	Percent	77.0	73.1	71.8	72.2	71.1	69.9	67.3	66.8	64.9	65.2
Hours, production workers	Billion	24.3	22.7	24.5	27.8	26.7	26.7	26.7	26.2	23.5	23.6
Hours per worker	1,000	2.0	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
Wages, production workers	Bil. dol.	45	50	62	81	106	157	198	212	205	212
Percent of payroll for all employees	Percent	68.2	64.1	62.0	61.6	60.6	59.5	56.6	56.0	53.9	53.8
Wages per worker	$1,000	3.6	4.3	5.1	5.8	7.8	11.5	14.3	15.7	16.5	17.4
Wages per worker hour	Dollar	1.83	2.19	2.53	2.92	3.95	5.89	7.41	8.09	8.70	8.99
Value added by manufacture [7]	**Bil. dol.**	**117**	**142**	**192**	**262**	**354**	**585**	**774**	**838**	**824**	**882**
Per production worker	$1,000	9.5	12.1	15.7	18.8	26.2	42.7	55.7	61.8	66.5	72.4
Per production worker hour	Dollar	4.81	6.25	7.83	9.41	13.26	21.93	28.98	31.98	35.01	37.38
Per dollar of workers' wages	Dollar	2.60	2.84	2.90	3.22	3.36	3.72	3.91	3.95	4.02	4.16
Cost of materials	Bil. dol.	(NA)	(NA)	230	299	407	782	1,094	1,194	1,130	1,170
Value of shipments [8]	Bil. dol.	(NA)	(NA)	421	557	757	1,359	1,853	2,018	1,960	2,055
Per production worker	$1,000	(NA)	(NA)	34.4	39.9	55.9	99.2	133.3	149.0	158.1	168.6
End-of-year inventories	Bil. dol.	40	49	60	84	108	188	262	279	(NA)	308
Capital expenditures, new [9]	Bil. dol.	8.2	9.5	11.4	21.5	24.1	47.5	70.1	78.6	75.0	61.9
Ratios:											
Value added to shipments	Ratio	(NA)	(NA)	45.6	47.0	46.7	42.9	41.8	41.5	(NA)	(NA)
Inventories to shipments	Ratio	(NA)	(NA)	14.2	15.0	14.2	13.8	14.1	13.8	(NA)	(NA)
Payroll to value added	Ratio	56.4	54.9	52.0	50.3	49.1	45.2	45.3	45.2	(NA)	(NA)
Gross book value of depreciable assets	Bil. dol.	(NA)	(NA)	158	218	301	439	574	630	(NA)	(NA)
Machinery and equipment	Bil. dol.	(NA)	(NA)	(NA)	157	218	328	434	479	(NA)	(NA)
Assets per employee	$1,000	(NA)	(NA)	9.3	11.3	16.4	22.4	27.8	31.1	(NA)	(NA)
MULTIUNIT COMPANIES											
Establishments	1,000	31.8	41.9	45.9	51.7	70.2	81.2	(NA)	(NA)	81.7	(NA)
Employees	Million	9.5	10.1	11.0	13.3	14.3	15.0	(NA)	(NA)	14.3	(NA)
Production workers	Million	7.4	7.2	8.1	9.8	9.8	10.1	(NA)	(NA)	8.8	(NA)
Payroll, all employees	Bil. dol.	40.6	51.8	68.2	93.8	138.8	214.2	(NA)	(NA)	307.5	(NA)
Wages, production workers	Bil. dol.	29.0	33.5	44.7	60.9	81.9	124.9	(NA)	(NA)	159.1	(NA)
Value added by manufacture	Bil. dol.	79.6	105.3	146.6	206.4	286.1	485.0	(NA)	(NA)	678.4	(NA)
Capital expenditures, new	Bil. dol.	6.5	7.5	8.9	18.6	20.0	41.0	(NA)	(NA)	65.2	(NA)
SINGLE UNIT COMPANIES [10]											
Establishments	1,000	255.0	256.3	260.8	254.0	250.5	278.7	(NA)	(NA)	276.3	(NA)
Employees	Million	6.2	5.3	5.2	5.2	4.8	4.6	(NA)	(NA)	4.8	(NA)
Payroll, all employees	Bil. dol.	22.3	21.9	25.1	28.5	35.4	49.8	(NA)	(NA)	72.1	(NA)
Value added by manufacture	Bil. dol.	37.4	37.9	45.5	55.5	67.9	100.1	(NA)	(NA)	145.7	(NA)

NA Not available. [1] Estimated data based on *Annual Survey of Manufactures;* see text, p. 741. [2] Includes administrative and auxiliary units, except as noted. [3] Excludes administrative offices and auxiliary units. [4] Includes forms of organization not shown separately. [5] Includes data for employees of manufacturing establishments engaged in distribution and construction work. [6] Data for most industries in 1954 and for all industries since 1954 are based on pay periods ending nearest 15th of March, May, August, and November. For industries of a seasonal type in 1954, data represent average of 12 monthly figures. [7] Adjusted value added; takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year. [8] Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification. [9] Includes plants under construction and not yet in operation. [10] Beginning 1967, includes data obtained from Federal administrative records.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1954, 1958, 1963, 1967, 1972, 1977,* and *1982;* and *Annual Survey of Manufactures.*

No. 1335. Manufactures—Summary by Industry Group: 1977 and 1982

[Data based on various editions of the *Standard Industrial Classification Manual*, published by the Office of Management and Budget; see text, p. 741. See also *Historical Statistics, Colonial Times to 1970*, series P-58-67]

Industry code [1]	Industry group	1977				1982										
			All employees			Establishments		All employees		Production workers						
		Establishments (number)	Number [2] (1,000)	Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)	Total	With 20 or more employees	Number [2] (1,000)	Payroll (mil. dol.)	Number [2] (1,000)	Hours (mil.)	Wages (mil. dol.)	Value added by manufacture [3] (mil. dol.)	Value of shipments (mil. dol.)	Capital expenditures, new [4] (mil. dol.)	Inventories, end of year (mil. dol.)
(x)	**All manufacturing establishments, incl. central administrative offices**	359,928	19,590	264,013	585,166	358,061	123,163	19,094	379,627	12,401	23,538	204,787	824,118	1,960,206	74,562	306,137
20	**Food and kindred products**	26,656	1,520	18,544	56,062	22,130	10,681	1,488	26,088	1,047	2,033	16,440	88,419	280,529	6,727	23,564
201	Meat products	4,534	309	3,702	7,478	3,623	1,682	318	4,993	265	518	3,857	11,002	67,602	697	1,965
202	Dairy products	3,731	154	1,939	5,648	2,724	1,449	140	2,553	83	167	1,420	8,360	38,771	711	1,721
203	Preserved fruits and vegetables	2,379	235	2,336	7,685	2,093	1,229	220	3,315	182	343	2,472	12,353	29,874	934	6,147
204	Grain mill products	3,043	113	1,576	6,626	2,745	1,063	108	2,197	75	153	1,442	10,333	31,386	884	2,203
205	Bakery products	3,386	222	2,866	7,073	2,663	1,261	217	4,051	124	241	2,085	10,650	17,808	490	564
206	Sugar and confectionery products	1,198	105	1,206	4,151	1,033	506	96	1,661	77	150	1,197	6,234	15,576	470	2,526
207	Fats and oils	869	41	561	1,905	724	432	39	774	27	58	494	2,785	16,752	393	1,594
208	Beverages	3,104	195	2,849	9,901	2,584	1,501	194	4,244	95	190	2,001	16,684	38,801	1,628	4,430
209	Misc. foods and kindred products	4,412	146	1,509	5,596	3,941	1,558	158	2,300	119	214	1,472	10,017	23,959	520	2,415
21	**Tobacco products**	228	61	751	4,334	163	107	58	1,324	45	84	957	8,965	16,061	697	6,110
211	Cigarettes	14	39	568	3,803	14	13	42	1,094	32	59	801	8,098	12,127	571	4,606
212	Cigars	101	8	55	126	60	30	5	59	5	9	45	133	254	7	49
213	Chewing and smoking tobacco	35	3	32	189	29	18	3	52	2	4	37	421	665	8	144
214	Tobacco stemming and redrying	78	11	96	217	60	46	8	120	6	12	73	313	3,015	111	1,311
22	**Textile mill products**	7,202	876	7,881	16,105	6,630	3,663	717	9,046	616	1,159	6,936	18,550	47,515	1,579	6,551
221	Weaving mills, cotton	314	117	1,047	1,945	269	143	77	965	69	127	818	1,638	3,972	298	699
222	Weaving mills, manmade fiber	449	151	1,429	2,791	523	363	141	1,815	123	231	1,447	3,489	8,191	385	1,142
223	Weaving, finishing mills, wool	165	15	137	313	131	71	13	176	11	23	137	349	763	28	151
224	Narrow fabric mills	335	21	172	351	281	161	18	216	15	29	159	465	852	22	137
225	Knitting mills	2,617	236	1,911	3,863	2,334	1,302	205	2,327	175	324	1,753	4,985	10,986	235	1,525
226	Textile finishing, except wool	678	72	734	1,417	753	353	58	834	47	94	607	1,590	4,972	118	552
227	Floor covering mills	592	56	557	1,530	505	243	42	603	33	65	396	1,712	5,808	84	799
228	Yarn and thread mills	798	141	1,184	2,255	714	531	109	1,278	98	183	1,055	2,318	7,036	231	791
229	Misc. textile goods	1,254	68	706	1,641	1,120	496	56	833	44	85	565	2,005	4,935	178	755
23	**Apparel, other textile products**	26,505	1,334	9,659	19,671	24,391	10,907	1,189	12,129	1,010	1,804	8,832	26,061	53,388	654	7,183
231	Men's and boys' suits and coats	737	99	822	1,574	529	344	75	878	65	117	659	1,683	3,062	25	578
232	Men's and boys' furnishings	3,013	365	2,340	4,935	2,544	1,815	299	2,837	259	450	2,138	6,621	12,727	157	1,808
233	Women's and misses' outerwear	11,834	448	3,153	6,430	10,838	5,103	419	4,110	356	641	2,928	8,576	18,225	213	1,805
234	Women's, children's undergarments	878	92	613	1,250	755	519	82	783	69	124	567	1,722	3,323	38	549

See footnotes at end of table.

No. 1335. Manufactures—Summary by Industry Group: 1977 and 1982—Continued

[See headnote, p. 745.]

Industry code [1]	Industry group	1977				1982, prel.										
			All employees		Value added by manufacture [3] (mil. dol.)	Establishments		All employees		Production workers			Value added by manufacture [3] (mil. dol.)	Value of shipments (mil. dol.)	Capital expenditures, new [4] (mil. dol.)	Inventories, end of year (mil. dol.)
		Establishments (number)	Number [2] (1,000)	Payroll (mil. dol.)		Total	With 20 or more employees	Number [2] (1,000)	Payroll (mil. dol.)	Number [2] (1,000)	Hours (mil.)	Wages (mil. dol.)				
	Apparel, other textile products—Con.															
235	Hats, caps, and millinery	409	15	105	186	419	172	16	157	14	24	118	285	522	8	130
236	Children's outerwear	1,002	71	459	879	968	657	71	671	61	109	492	1,446	2,771	30	355
237	Fur goods	620	4	52	113	504	43	3	60	3	5	41	132	419	(Z)	75
238	Misc. apparel and accessories	1,284	56	408	845	1,223	527	50	513	42	74	358	1,098	2,118	25	331
239	Misc. fabricated textile products	6,728	185	1,707	3,459	6,611	1,727	174	2,120	142	261	1,531	4,498	10,281	158	1,553
24	**Lumber and wood products**	**37,302**	**692**	**7,425**	**16,223**	**32,984**	**6,313**	**576**	**8,445**	**479**	**894**	**6,446**	**15,377**	**42,935**	**1,342**	**5,719**
241	Logging camps, log contractors	15,469	83	1,009	2,419	11,658	657	81	1,208	69	121	1,004	2,502	8,274	249	747
242	Sawmills and planing mills	9,000	211	2,228	4,975	7,403	1,909	158	2,306	137	257	1,877	3,748	11,132	436	1,935
243	Millwork, plywood, and structural members	6,149	197	2,216	4,701	6,545	1,733	165	2,596	135	261	1,960	4,460	11,683	262	1,575
244	Wood containers	1,949	39	300	540	2,250	524	36	391	30	55	287	703	1,635	40	191
245	Wood buildings and mobile homes	1,165	80	858	1,789	1,163	612	60	880	46	85	574	1,741	4,955	65	370
249	Misc. wood products	3,570	83	813	1,800	3,965	878	77	1,064	63	115	745	2,223	5,255	291	901
25	**Furniture and fixtures**	**10,235**	**464**	**4,448**	**8,922**	**10,003**	**3,629**	**436**	**6,084**	**351**	**651**	**4,189**	**12,829**	**24,129**	**566**	**3,997**
251	Household furniture	6,161	310	2,669	5,213	5,475	2,076	263	3,162	221	403	2,310	6,455	12,776	246	2,165
252	Office furniture	523	45	543	1,236	700	337	59	1,051	44	85	678	2,477	4,150	147	626
253	Public building, related furniture	420	20	214	415	413	181	19	295	14	26	176	579	1,103	25	204
254	Partitions and fixtures	2,134	57	675	1,311	2,148	687	60	1,025	45	86	674	2,080	3,710	87	592
259	Misc. furniture and fixtures	997	32	347	747	1,267	348	36	551	27	51	352	1,239	2,390	61	411
26	**Paper and allied products**	**6,545**	**629**	**8,943**	**22,171**	**6,381**	**4,090**	**606**	**12,948**	**461**	**923**	**9,040**	**33,376**	**79,895**	**5,098**	**8,923**
261	Pulpmills	45	16	293	906	43	41	17	468	13	25	344	1,114	3,110	659	452
262	Papermills, except building paper	339	127	2,167	5,407	299	281	129	3,431	100	208	2,564	8,954	20,995	1,856	2,247
263	Paperboard mills	249	68	1,176	3,081	222	212	56	1,502	43	89	1,118	3,740	9,531	1,287	760
264	Misc. converted paper products	2,994	207	2,608	7,263	3,006	1,597	213	3,961	162	319	2,666	12,014	26,701	786	3,071
265	Paperboard containers and boxes	2,860	204	2,602	5,296	2,781	1,936	188	3,517	141	276	2,294	7,396	19,192	496	2,349
266	Building paper and board mills	58	7	97	218	30	23	4	71	3	6	55	158	366	15	45
27	**Printing and publishing**	**49,767**	**1,092**	**14,025**	**31,980**	**53,406**	**10,871**	**1,292**	**22,707**	**711**	**1,313**	**11,307**	**54,423**	**85,797**	**3,213**	**7,040**
271	Newspapers	8,867	350	4,306	9,519	8,846	2,554	402	6,555	147	259	2,387	15,275	21,276	1,029	755
272	Periodicals	2,994	70	1,020	3,763	3,328	690	94	1,986	17	32	243	6,911	11,478	195	724
273	Books	2,694	106	1,379	4,291	2,811	727	112	2,090	50	96	780	6,721	10,132	273	1,624
274	Misc. publishing	2,352	42	503	1,291	2,057	430	45	706	18	29	206	1,958	2,871	67	244
275	Commercial printing	26,815	356	4,702	8,551	29,735	4,551	452	8,087	339	636	5,500	15,738	27,700	1,266	2,374
276	Manifold business forms	795	45	575	1,492	810	530	50	934	36	71	634	2,491	5,059	135	572
277	Greeting card publishing	166	18	227	656	154	54	21	344	12	20	155	1,349	1,894	37	221
278	Blankbooks and bookbinding	1,492	56	579	1,149	1,487	631	61	903	50	93	636	1,964	2,803	78	306
279	Printing trades services	3,592	48	735	1,268	4,178	704	56	1,102	42	78	767	2,017	2,584	133	221

28	**Chemicals and allied products**	**12,173**	**880**	**13,839**	**56,721**	**11,901**	**4,779**	**873**	**20,836**	**508**	**1,004**	**10,544**	**77,315**	**170,737**	**9,087**	**23,830**
281	Industrial inorganic chemicals	1,282	110	1,847	6,487	1,365	520	108	2,795	62	124	1,462	8,829	17,280	1,000	2,349
282	Plastics materials, synthetics	551	157	2,471	7,843	606	409	141	3,451	94	183	2,052	9,402	28,428	1,677	3,644
283	Drugs	1,243	156	2,460	9,940	1,281	593	166	3,966	84	163	1,556	16,981	24,695	1,248	3,805
284	Soap, cleaners, toilet goods	2,528	112	1,526	9,407	2,379	804	127	2,581	75	148	1,291	15,282	26,031	650	2,919
285	Paints and allied products	1,579	61	883	2,821	1,441	620	54	1,158	28	54	481	3,953	9,162	219	1,232
286	Industrial organic chemicals	879	153	2,794	12,875	969	550	144	4,005	84	171	2,169	12,341	38,157	3,075	6,045
287	Agricultural chemicals	1,325	54	784	3,808	1,127	417	51	1,156	32	64	644	5,097	14,653	699	2,222
289	Misc. chemical products	2,786	77	1,075	3,539	2,733	866	82	1,725	49	97	889	5,433	12,330	519	1,614
29	**Petroleum and coal products**	**2,206**	**147**	**2,716**	**16,378**	**2,322**	**848**	**152**	**4,339**	**100**	**205**	**2,613**	**22,069**	**208,919**	**6,579**	**17,180**
291	Petroleum refining	349	103	2,055	14,424	433	311	108	3,398	71	148	2,057	19,247	199,357	6,322	16,204
295	Paving and roofing materials	1,297	32	481	1,272	1,307	357	30	629	22	43	424	1,743	5,948	133	419
299	Misc. petroleum and coal products	560	12	180	682	582	180	14	312	7	14	131	1,079	3,614	123	557
	Rubber and miscellaneous plastics products	**11,943**	**721**	**8,536**	**19,740**	**13,449**	**5,978**	**682**	**11,597**	**523**	**996**	**7,691**	**27,619**	**55,416**	**2,199**	**7,201**
301	Tires and inner tubes	200	114	1,832	4,347	164	99	70	1,734	55	101	1,286	4,660	9,340	227	1,173
302	Rubber, plastics footwear	84	20	159	272	65	40	18	197	15	28	149	360	706	12	114
303	Reclaimed rubber	21	1	12	25	25	8	1	11	1	1	8	23	45	(z)	9
304	Rubber and plastics hose, belting	146	34	457	974	162	117	25	503	18	32	330	1,028	1,946	114	407
306	Fabricated rubber products, n.e.c.	1,280	99	1,164	2,352	1,380	686	89	1,561	66	129	991	3,213	6,366	219	859
307	Misc. plastics products	10,212	454	4,912	11,770	11,653	5,028	479	7,591	368	705	4,927	17,935	37,013	1,626	4,639
31	**Leather and leather products**	**3,075**	**243**	**1,860**	**3,719**	**2,735**	**1,313**	**200**	**2,219**	**171**	**304**	**1,623**	**4,773**	**9,719**	**132**	**1,521**
311	Leather tanning and finishing	465	23	255	535	384	172	20	311	16	31	225	580	1,753	33	267
313	Boot, shoe cut stock, findings	190	9	65	109	161	80	7	81	6	10	54	155	368	6	49
314	Footwear, except rubber	811	146	1,032	2,070	751	536	121	1,250	107	187	974	2,809	5,269	66	790
315	Leather gloves and mittens	101	6	34	68	96	54	4	97	3	6	27	73	178	(z)	33
316	Luggage	298	19	164	328	292	131	16	194	13	21	113	433	789	12	151
317	Handbags and other personal leather goods	678	32	242	472	636	235	25	271	21	39	178	564	1,035	9	174
319	Leather goods, n.e.c.	532	9	68	137	415	105	7	76	6	10	53	160	327	6	58

See footnotes at end of table.

NO. 1335. MANUFACTURES—SUMMARY BY INDUSTRY GROUP: 1977 AND 1982—Continued

[See headnote, p. 745]

Industry code [1]	INDUSTRY GROUP	1977				1982										
			All employees			Establishments		All employees		Production workers						
		Establishments (number)	Number [2] (1,000)	Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)	Total	With 20 or more employees	Number [2] (1,000)	Payroll (mil. dol.)	Number [2] (1,000)	Hours (mil.)	Wages (mil. dol.)	Value added by manufacture [3] (mil. dol.)	Value of shipments (mil. dol.)	Capital expenditures, new [4] (mil. dol.)	Inventories, end of year (mil. dol.)
32	**Stone, clay, and glass products**	**17,744**	**614**	**7,943**	**19,130**	**16,545**	**4,753**	**532**	**10,097**	**408**	**796**	**7,164**	**22,986**	**45,181**	**2,309**	**6,710**
321	Flat glass	62	22	401	931	69	33	15	414	12	25	322	847	1,666	98	287
322	Glass, pressed or blown	508	117	1,548	3,592	459	229	97	2,032	81	158	1,627	4,482	7,941	531	1,374
323	Products of purchased glass	1,101	36	429	960	1,337	387	41	696	32	61	467	1,484	2,977	119	476
324	Cement, hydraulic	201	28	485	1,672	237	160	25	636	19	37	474	1,816	3,542	422	800
325	Structural clay products	711	45	486	1,058	628	371	30	491	23	46	347	989	1,868	57	521
326	Pottery and related products	934	43	460	894	910	238	37	598	31	57	442	1,174	1,762	80	322
327	Concrete, gypsum, plaster products	10,844	184	2,367	5,391	9,933	2,362	167	2,995	123	245	2,007	6,603	14,947	569	1,152
328	Cut stone and stone products	993	13	132	238	711	132	11	156	9	17	119	295	555	24	70
329	Misc. nonmetallic mineral products	2,390	126	1,635	4,395	2,261	841	109	2,079	79	153	1,360	5,296	9,924	410	1,708
33	**Primary metal industries**	**7,375**	**1,114**	**18,745**	**37,568**	**7,061**	**3,909**	**854**	**20,603**	**638**	**1,167**	**14,466**	**33,291**	**104,667**	**4,666**	**23,858**
331	Blast furnace and basic steel products	1,216	530	10,086	18,318	1,068	708	366	10,262	267	471	7,272	14,722	46,720	2,425	12,502
332	Iron and steel foundries	1,465	222	3,329	6,237	1,438	1,002	157	3,113	124	222	2,248	5,362	9,642	483	1,251
333	Primary nonferrous metals	160	57	1,032	3,619	161	94	44	1,307	32	62	928	2,311	11,321	413	2,476
334	Secondary nonferrous metals	460	19	270	769	458	212	19	402	14	26	246	620	4,852	146	842
335	Nonferrous rolling and drawing	1,002	177	2,640	5,902	1,022	735	167	3,636	122	233	2,450	6,822	25,463	933	5,830
336	Nonferrous foundries	1,892	82	1,044	1,960	1,907	785	75	1,385	61	114	1,003	2,458	4,603	172	489
339	Misc. primary metal products	1,180	26	345	763	1,007	368	26	498	19	37	318	998	2,066	94	468
34	**Fabricated metal products**	**33,712**	**1,556**	**21,036**	**45,512**	**35,560**	**13,642**	**1,460**	**28,283**	**1,073**	**2,070**	**18,456**	**58,928**	**119,444**	**3,686**	**21,138**
341	Metal cans, shipping containers	587	72	1,247	3,644	566	403	59	1,533	48	96	1,203	4,443	12,172	270	1,504
342	Cutlery, handtools, hardware	2,137	169	2,179	5,177	2,238	939	141	2,585	106	200	1,723	6,041	10,082	536	2,086
343	Plumbing and heating, exc. electric	1,015	53	637	1,574	1,177	398	48	821	34	64	499	2,023	4,003	97	795
344	Fabricated structural metal products	11,817	426	5,492	11,785	12,681	4,669	422	7,897	300	587	4,956	15,466	34,904	752	5,847
345	Screw machine products, bolts, etc	2,627	105	1,414	2,864	2,690	1,093	94	1,727	71	134	1,148	3,309	5,834	187	1,242
346	Metal forgings, stampings	3,715	288	4,511	8,913	4,019	1,892	236	5,110	184	354	3,645	9,710	20,057	945	2,882
347	Metal services, n.e.c	5,095	94	1,009	1,963	5,070	1,405	97	1,518	77	152	1,036	2,897	5,125	200	518
348	Ordnance and accessories, n.e.c	346	70	992	1,737	349	155	79	1,760	51	95	941	3,442	4,993	138	887
349	Misc. fabricated metal products	6,373	279	3,556	7,855	6,770	2,688	284	5,312	202	388	3,306	11,598	22,274	761	5,378
35	**Machinery, exc. electrical**	**48,200**	**2,083**	**30,558**	**67,223**	**52,912**	**14,264**	**2,189**	**46,911**	**1,358**	**2,597**	**25,093**	**102,270**	**187,896**	**8,537**	**47,181**
351	Engines and turbines	315	130	2,238	4,960	341	208	112	2,850	71	133	1,654	6,069	13,040	728	3,278
352	Farm and garden machinery	2,159	151	2,197	5,490	2,078	704	114	2,386	75	138	1,405	6,146	13,108	392	2,772
353	Construction and related machinery	3,229	333	5,097	11,836	3,952	1,865	326	7,392	198	365	3,976	16,453	32,038	1,578	11,894
354	Metalworking machinery	10,630	298	4,514	8,747	10,981	2,642	283	6,086	197	383	3,863	11,285	18,150	713	4,396
355	Special industry machinery	4,090	185	2,616	5,271	4,226	1,641	183	3,748	108	211	1,954	7,415	13,128	393	3,497
356	General industrial machinery	4,947	314	4,451	9,673	4,981	2,039	314	6,493	197	376	3,642	13,587	24,459	904	6,374
357	Office and computing machines	1,317	259	3,949	9,921	2,169	1,073	404	9,437	174	337	2,882	23,386	43,028	2,648	9,978
358	Refrigeration, service machinery	2,114	192	2,516	5,963	1,937	899	172	3,344	116	219	2,024	8,121	16,450	415	2,998
359	Misc. machinery, except electrical	19,399	223	2,980	5,362	22,247	3,193	282	5,235	221	436	3,694	9,806	14,497	767	1,995

36	**Electric and electronic equipment**	**14,973**	**1,723**	**22,544**	**50,366**	**16,453**	**7,834**	**1,915**	**38,414**	**1,198**	**2,269**	**19,281**	**84,605**	**147,944**	**7,542**	**30,004**
361	Electric distributing equipment	947	115	1,431	3,336	942	498	105	1,995	73	135	1,179	4,584	8,108	220	1,594
362	Electrical industrial apparatus	1,646	198	2,543	5,614	1,980	1,019	191	3,706	125	236	2,067	7,919	13,825	680	3,342
363	Household appliances	666	162	1,898	5,276	630	335	129	2,223	98	180	1,530	5,776	12,644	305	2,299
364	Electric lighting and wiring equipment	2,009	165	1,925	4,741	1,993	980	159	2,718	117	218	1,739	6,619	12,048	340	2,151
365	Radio and TV receiving equipment	1,290	98	1,097	3,078	1,032	310	66	1,154	47	89	706	3,200	7,833	177	1,078
366	Communication equipment	2,385	459	6,995	14,130	2,721	1,466	601	13,979	314	598	5,847	28,299	46,426	2,298	10,761
367	Electronic components, accessories	4,455	374	4,557	9,260	5,455	2,464	516	9,770	325	626	4,645	21,214	34,517	3,013	6,436
369	Misc. electrical equipment, supplies	1,575	152	2,098	4,930	1,700	762	147	2,869	99	187	1,569	6,994	12,544	510	2,343
37	**Transportation equipment**	**10,176**	**1,768**	**30,673**	**64,291**	**9,443**	**3,800**	**1,596**	**40,812**	**1,060**	**2,051**	**24,379**	**84,932**	**201,346**	**7,214**	**42,283**
371	Motor vehicles and equipment	4,234	876	16,038	37,023	3,867	1,749	616	15,393	485	923	11,522	34,294	112,270	4,264	8,453
372	Aircraft and parts	1,173	431	7,621	14,732	1,471	730	539	14,718	289	573	6,987	29,402	52,027	1,680	27,641
373	Ship and boat building and repairing	2,795	220	2,940	4,681	2,566	762	205	4,326	162	319	3,194	7,509	13,326	496	1,817
374	Railroad equipment	201	56	889	1,883	200	107	35	790	23	39	479	1,492	3,457	142	776
375	Motorcycles, bicycles, parts	350	16	169	370	273	67	13	225	10	19	169	403	1,341	23	286
376	Guided missiles, space vehicles	109	120	2,427	4,422	105	86	146	4,481	60	120	1,483	9,857	14,398	462	2,082
379	Misc. transportation equipment	1,314	49	591	1,181	961	299	43	879	31	58	545	1,977	4,528	147	1,228
38	**Instruments and related products**	**7,481**	**559**	**7,520**	**18,762**	**8,045**	**3,015**	**624**	**12,883**	**363**	**696**	**5,917**	**33,672**	**51,798**	**2,103**	**10,925**
381	Engineering, scientific instruments	786	42	584	1,287	771	272	43	869	26	50	440	2,101	3,046	103	822
382	Measuring and control devices	2,079	200	2,666	5,242	2,483	1,060	228	4,646	124	235	1,947	10,007	14,633	602	3,686
383	Optical instruments and lenses	545	30	421	897	638	294	50	1,026	26	50	428	2,368	3,757	151	987
384	Medical instruments and supplies	2,355	114	1,319	3,262	2,711	894	141	2,492	94	181	1,283	6,978	10,863	440	2,226
385	Ophthalmic goods	634	30	314	656	410	122	26	409	17	35	213	874	1,273	41	322
386	Photographic equip. and supplies	780	112	1,900	6,732	795	286	119	3,193	64	124	1,457	10,860	17,038	753	2,601
387	Watches, clocks, and watchcases	302	32	317	685	237	87	17	248	12	22	150	484	1,188	15	281
39	**Misc. manufacturing**	**17,259**	**441**	**4,406**	**10,291**	**15,871**	**3,568**	**383**	**5,647**	**281**	**523**	**3,414**	**14,059**	**26,891**	**629**	**5,220**
391	Jewelry, silverware, and plated ware	3,118	61	638	1,449	2,882	504	50	770	35	65	448	1,784	4,379	52	1,207
393	Musical instruments	450	25	253	488	452	137	18	258	14	26	177	495	916	20	271
394	Toys and sporting goods	2,910	119	1,112	3,000	2,570	784	99	1,389	74	138	838	4,610	8,256	195	1,520
395	Pens, office and art goods	987	32	331	868	1,026	267	32	485	24	45	304	1,269	2,372	75	454
396	Costume jewelry and notions	1,514	51	451	1,002	1,356	379	42	528	32	62	336	1,156	2,110	64	395
399	Misc. manufactures	8,280	152	1,623	3,485	7,585	1,497	142	2,217	102	187	1,311	4,751	8,860	223	1,374
(X)	**Administrative and auxiliary** [6]	**9,171**	**1,074**	**21,981**	(X)	**9,676**	**5,204**	**1,276**	**38,220**	(X)	(X)	(X)	(X)	(X)	(X)	(X)

X Not applicable. Z Less than $500,000. [1] *Standard Industrial Classification Code*; see text, pp. 741 and 742. [2] "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 15th of March. [3] See footnote 6, table 1334. [4] Includes expenditures for plants in operation and plants under construction but not yet in operation. [5] Total number of establishments does not include data for industry 2092 (fresh or frozen packaged fish). [6] Manufacturing concerns often reported separately for central offices or auxiliaries which serve the manufacturing establishment of a company, rather than the general public. Separate reports were obtained from such units if at a different location or if they serviced more than one establishment.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977* and *1982, General Summary*, MC77(1)-1 and MC82(1)-1.

NO. 1336. MANUFACTURES SUMMARY,

[Sum of State totals may not add to U.S. total

	STATE	1972				1977				1982			
		Establishments, total [1]	All employees [2] Number [3] (1,000)	All employees [2] Payroll (mil. dol.)	Value added by manufacture [4] (mil. dol.)	Establishments, total [1]	All employees [2] Number [3] (1,000)	All employees [2] Payroll (mil. dol.)	Value added by manufacture [4] (mil. dol.)	Establishments [1] Total	Establishments [1] With 20 or more employees	All employees, number [2 3]
1	U.S	320,710	19,029	174,206	353,994	359,928	19,590	264,013	585,166	358,061	123,163	19,094
2	N.E	23,731	1,363	11,908	22,508	25,737	1,391	17,603	35,588	25,659	9,413	1,445
3	ME	2,075	100	699	1,383	2,157	103	1,078	2,343	2,009	615	110
4	NH	1,434	90	663	1,279	1,825	95	1,029	2,175	1,981	721	107
5	VT	860	37	311	576	1,030	42	498	1,050	1,104	310	47
6	MA	10,770	619	5,486	10,678	11,133	614	7,819	16,349	11,017	4,290	643
7	RI	2,756	118	888	1,764	3,107	125	1,327	2,737	2,855	940	114
8	CT	5,836	399	3,860	6,828	6,485	412	5,852	10,934	6,693	2,537	424
9	M.A	73,872	3,933	37,123	70,331	71,009	3,617	49,843	103,160	65,443	23,923	3,353
10	NY	41,684	1,679	16,222	30,404	36,578	1,510	20,876	44,290	32,651	10,670	1,419
11	NJ	13,790	836	8,107	16,409	15,696	778	10,924	22,853	15,126	5,756	754
12	PA	18,398	1,418	12,794	23,519	18,735	1,329	18,043	36,017	17,666	7,497	1,180
13	E.N.C	64,667	4,933	50,960	99,951	69,237	4,974	76,908	160,224	67,378	24,958	4,337
14	OH	16,390	1,346	13,810	27,171	17,354	1,331	20,356	43,055	16,960	6,515	1,102
15	IN	7,354	704	6,882	14,112	8,061	706	10,439	22,718	7,960	3,134	585
16	IL	18,617	1,306	12,801	25,849	19,517	1,286	18,741	40,279	18,618	7,102	1,069
17	MI	14,461	1,076	12,745	23,376	15,627	1,116	20,054	37,566	15,158	5,010	884
18	WI	7,845	501	4,722	9,443	8,678	535	7,318	16,606	8,682	3,197	697
19	W.N.C	21,467	1,202	10,923	23,586	24,321	1,297	17,388	40,666	23,940	7,977	1,272
20	MN	5,698	302	2,889	5,524	6,637	332	4,693	9,605	6,775	2,214	350
21	IA	3,387	216	2,039	4,758	3,783	240	3,383	8,684	3,598	1,223	213
22	MO	6,732	434	3,897	8,169	7,355	433	5,709	13,087	7,069	2,457	406
23	ND	482	10	79	201	571	14	162	473	587	142	15
24	SD	606	17	135	285	740	23	251	612	748	205	25
25	NE	1,723	85	704	1,733	1,965	88	1,075	2,867	1,928	633	92
26	KS	2,839	137	1,181	2,915	3,270	168	2,115	5,338	3,235	1,103	171
27	S.A	41,533	2,741	20,645	44,361	47,692	2,823	33,504	72,306	48,855	17,195	2,930
28	DE	567	69	755	1,292	619	67	1,141	1,596	632	243	68
29	MD	3,579	256	2,386	4,707	3,937	243	3,420	7,116	3,883	1,382	234
30	DC	564	19	220	389	555	19	298	610	514	127	17
31	VA	4,837	376	2,826	6,178	5,519	395	6,442	10,882	5,568	2,036	391
32	WV	1,733	121	1,098	2,647	1,857	117	1,621	3,880	1,662	559	96
33	NC	8,632	744	4,929	11,015	9,954	765	7,519	18,231	10,133	4,378	799
34	SC	3,719	345	2,345	4,966	4,229	374	3,805	8,187	4,206	1,723	368
35	GA	7,627	468	3,336	7,386	8,623	485	5,125	12,549	8,534	3,148	503
36	FL	10,275	343	2,750	5,787	12,399	358	4,133	9,255	13,723	3,599	454
37	E.S.C	16,525	1,249	9,211	21,234	19,187	1 328	14,506	36,214	18,573	7,162	1,241
38	KY	3,167	259	2,160	5,682	3,548	278	3,452	9,546	3,502	1,354	247
39	TN	5,647	467	3,352	7,662	6,487	490	5,219	12,663	6,417	2,617	462
40	AL	4,984	323	2,397	5,065	5,863	341	3,773	8,406	5,528	1,968	330
41	MS	2,727	200	1,302	2,825	3,289	219	2,062	5,619	3,126	1,223	202
42	W.S.C	24,012	1,239	10,286	24,571	29,796	1,442	18,319	52,043	31,876	10,740	1,648
43	AR	2,897	181	1,152	2,800	3,595	197	1,932	4,882	3,313	1,151	190
44	LA	3,651	179	1,601	4,273	4,276	195	2,683	9,418	4,107	1,335	202
45	OK	3,042	143	1,188	2,270	3,818	164	2,051	4,662	4,168	1,248	197
46	TX	14,422	736	6,345	15,228	18,107	886	11,653	33,081	20,288	7,006	1,059
47	Mt	10,119	388	3,469	7,446	13,808	461	5,992	13,621	14,854	3,711	556
48	MT	943	21	185	463	1,168	24	312	802	1,090	176	20
49	ID	1,190	43	340	821	1,495	52	625	1,430	1,404	354	48
50	WY	377	7	57	144	505	9	111	381	511	115	10
51	CO	2,841	133	1,298	2,504	3,948	153	2,125	4,472	4,406	1,157	192
52	NM	926	24	157	358	1,323	29	297	734	1,223	299	33
53	AZ	2,037	94	855	1,880	2,892	111	1,463	3,333	3,407	854	150
54	UT	1,358	57	486	1,069	1,748	70	867	1,974	1,962	579	83
55	NV	447	10	92	208	729	15	192	495	851	177	20
56	Pac	46,829	1,983	19,685	39,966	59,106	2,255	31,929	71,245	61,483	17,998	2,518
57	WA	5,345	226	2,306	4,721	6,723	265	4,054	8,955	6,788	1,707	291
58	OR	4,670	179	1,627	3,490	5,716	202	2,760	6,138	5,659	1,443	185
59	CA	35,699	1,546	15,483	31,175	45,289	1,752	24,672	54,862	47,625	14,467	2,005
60	AK	342	8	75	170	429	11	166	504	445	144	13
61	HI	773	25	191	410	949	25	277	786	966	237	24

X Not applicable. [1] Includes central administrative offices and auxiliary units. [2] Includes employment and payroll at administrative offices and auxiliary units. [3] "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 12th of March. "Production workers" represents the average of the employment for the payroll periods ended nearest the 12th of March, May, August, and November.

BY STATE: 1972 TO 1982

because U.S. and State figures were independently derived]

1982—Con.								
All employees, payroll [2 3] (mil. dol.)	Production workers [2]			Value added by manufacture [4] (mil. dol.)	Value of shipments [5] (mil. dol.)	Capital expenditures, new [6] (mil. dol.)	Leading major industry groups ranked by value added by manufacture, 1982	
	Number [3] (1,000)	Hours (mil.)	Wages (mil. dol.)					
379,627	**12,401**	**23,538**	**204,787**	**824,118**	**1,960,206**	**74,562**	**Mach. exc. elec.; food; trans. equip.**	1
27,603	**916**	**1,768**	**13,874**	**56,213**	**105,938**	**3,932**	(X)	2
1,775	86	166	1,237	4,038	8,649	510	Paper; leather; food	3
1,792	75	145	1,055	4,004	7,636	246	*Machinery exc. elec.; elec. equip.; paper*	4
863	30	56	434	2,037	3,730	271	Elec; equip; mach., exc. elec.; fabricated metal	5
12,353	397	765	6,001	25,968	48,204	1,667	Machinery, exc. elec.; elec equip.; instruments	6
1,760	83	157	1,052	3,793	7,652	184	Misc. mfg.; fab. metal; elec. equip.	7
9,060	245	479	4,095	16,373	30,067	1,054	*Trans. equip; mach., exc. elec.; elec. equip.*	8
68,316	**2,048**	**3,892**	**33,333**	**139,387**	**294,829**	**9,719**	(X)	9
29,156	836	1,613	13,270	62,907	121,469	4,267	Printing and publishing; instruments; elec. equip.	10
15,845	440	843	7,207	31,656	70,420	2,051	Chemicals; food; electrical equipment.	11
23,315	772	1,436	12,856	44,824	102,940	3,391	Machinery, exc. elec.; food; primary metal	12
92,400	**2,664**	**5,053**	**52,063**	**184,757**	**440,702**	**14,871**	(X)	13
24,740	695	1,326	13,816	49,641	112,278	4,216	Trans. equip.; mach., exc. elec., fab. metal	14
12,559	406	759	7,821	25,747	63,332	2,233	Electrical equip.; primary metal.; trans. equip.	16
22,681	670	1,256	11,931	47,705	112,929	3,372	Machinery, exc. elec.; food; elec. equipment.	16
22,223	564	1,091	12,505	39,118	99,715	3,503	Trans. equip; mach. exc. elec.; fabricated metal	17
10,197	329	621	5,990	22,546	52,448	1,547	Machinery, exc. elec.; food; paper	18
25,430	**802**	**1,505**	**13,652**	**60,413**	**155,543**	**4,243**	(X)	19
7,423	201	376	3,428	15,367	35,321	1,193	Machinery exc. elec.; food; fabricated metal	20
4,403	140	259	2,649	12,078	31,397	689	Machinery, exc. elec.; food; electrical equip.	21
8,013	256	477	4,199	16,334	41,459	1,340	Transportation equip.; food; chemicals	22
246	10	18	141	652	2,465	101	Food; mach., exc. elec.; printing and publishing	23
398	18	33	262	1,100	3,005	62	Food; mach., exc.; elec. equip.	24
1,624	64	124	1,015	4,445	15,143	245	*Food; machinery, exc. elec.; chemicals*	25
3,323	113	218	1,958	8,437	26,753	613	Transportation equip.; food; printing and publishing	26
48,588	**2,081**	**3,917**	**28,351**	**112,850**	**256,625**	**33,987**	(X)	27
1,743	32	61	557	2,467	8,383	322	Chemicals; food; instruments	28
4,859	146	271	2,551	10,134	21,282	718	*Electronic equip.; food; chemicals*	29
394	6	12	125	929	1,537	55	Printing and publishing; food; machinery, exc. electric	30
6,649	287	541	4,192	17,256	36,803	1,523	Tobacco; chemicals; food	31
2,007	65	122	1,233	4,049	9,869	394	*Chemicals; primary metal; stone, clay, glass*	32
11,717	605	1,116	7,297	28,492	64,176	25,589	Textiles; tobacco; electrical equipment.	33
5,540	279	522	3,576	12,219	27,836	1,503	Textiles; chemicals; machinery; exc. elec.	34
7,906	369	705	4,864	19,192	48,056	1,922	Textiles; food; chemicals	35
7,773	292	567	3,956	18,112	38,683	1,961	*Food; electrical equip.; transportation equip.*	36
20,132	**924**	**1,729**	**13,053**	**49,514**	**119,698**	**5,753**	(X)	37
4,639	174	320	2,874	11,820	29,639	997	Food; machinery, exc. elec.; chemicals	38
7,978	338	630	4,603	17,823	40,777	2,062	Chemicals; food; machinery, exc. elec.	39
5,234	254	480	3,598	12,046	29,794	1,540	*Paper; chemicals; textiles*	40
2,881	158	299	1,978	7,825	19,488	1,154	Transportation equip; food; electric equip.	41
32,573	**1,082**	**2,100**	**17,961**	**81,011**	**271,595**	**12,297**	(X)	42
2,824	149	279	1,932	7,755	19,747	701	Food; electionic equipment; paper	43
4,304	142	281	2,731	11,755	57,058	2,562	*Chemicals; petroleum; food*	44
4,010	121	234	2,065	8,143	23,116	841	Mach; exc. elec.; fab. metal; rubber, plastic	45
21,435	670	1,306	11,233	53,356	171,674	8,193	Machinery, exc. elec.; chemicals; food	46
10,863	**342**	**646**	**5,569**	**23,134**	**56,997**	**2,456**	(X)	47
379	15	27	265	714	3,668	75	Lumber; food; *petroleum and coal*	48
865	34	63	545	2,077	5,370	147	Food; machinery, exc. elec.; chemicals	49
183	7	13	115	408	2,558	49	Chemicals; mach., exc. elec.; food	50
3,983	110	208	1,877	8,057	17,963	892	Machinery, exc. elec.; instruments; food	51
521	22	42	297	1,398	3,815	120	*Petroleum and coal; electric equipment;* food	52
3,037	87	165	1,423	6,162	12,907	765	Elec. equip.; machinery exc. elec.; trans. equip.	53
1,539	54	103	837	3,455	8,960	328	Machinery, exc. elec.; trans. equip; food	54
356	13	25	210	863	1,756	80	Food; printing and publishing; fabricated metals	55
53,724	**1,543**	**2,931**	**26,934**	**116,846**	**258,280**	**10,305**	(X)	56
6,681	178	327	3,624	12,596	34,665	1,074	Transportation equip.; food; lumber	57
3,783	130	238	2,334	7,973	17,897	644	Lumber; food; instruments	58
42,630	1,209	2,318	20,561	94,388	199,695	8,499	Elec. equip; trans.; equip.; mach., exc. elec.	59
270	10	18	197	769	2,580	59	*Food; petroleum and coal;* lumber	60
360	16	30	218	1,120	3,443	89	Food; textiles; stone, clay, glass products.	61

[4] For definition, see footnote 6, table 1334. [5] See footnote 7, table 1334. [6] See footnote 4, table 1335.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972, 1977* and *1982.*

NO. 1337. FINANCES OF MANUFACTURING CORPORATIONS: 1970 TO 1984

[In billions of dollars. See tables 913 and 914 for individual industry data]

ITEM	1970	1972	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Net sales	709	850	1,061	1,065	1,203	1,328	1,496	1,742	1,897	2,145	2,039	2,114	2,335
Net operating profit	50	66	84	77	97	107	122	135	129	144	105	125	159
Net profit:													
Before taxes	48	63	92	80	105	115	133	154	145	158	108	133	166
After taxes	29	36	59	49	65	70	81	99	92	101	71	86	108
Cash dividends	15	16	19	20	23	27	29	32	36	40	41	42	45
Net income retained in business	14	20	39	29	42	44	52	66	58	61	30	44	63

Source: Through 1981, U.S. Federal Trade Commission; thereafter, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations*, first quarter report of year subsequent to reported year.

NO. 1338. CAPITAL IN MANUFACTURING ESTABLISHMENTS: 1975 TO 1984

[**In billions of dollars, except percent.** Minus sign (−) indicates decline. Data refer to privately owned manufacturing establishments and are based on the capital expenditures data from the census of manufactures, the Annual Survey of Manufactures, and the inventory investment component of GNP. For details, see source. See *Historical Statistics, Colonial Times to 1970*, series P 107–122, for single-year figures prior to revisions issued in 1981]

ITEM	CURRENT DOLLARS						CONSTANT (1972) DOLLARS					
	1975	1980	1981	1982	1983	1984	1975	1980	1981	1982	1983	1984
Purchases of equipment and structures	39.8	77.2	82.3	72.8	66.1	83.5	30.4	42.7	42.8	37.0	34.9	42.2
Percent equipment	79.4	78.3	78.0	74.7	80.0	81.9	80.6	81.3	80.9	78.1	83.2	85.2
Depreciation (straight line) [1]	31.6	58.0	65.7	71.4	74.7	78.1	24.0	31.3	33.0	34.5	35.6	36.9
Percent equipment	73.6	77.0	78.3	79.1	79.3	79.4	75.1	79.7	80.5	81.0	81.4	82.0
Net investment [2]	8.2	19.2	16.6	1.4	−6.6	5.4	6.4	11.4	9.8	2.5	−.7	5.3
Net stock, end of year [1]	509.1	921.1	999.7	1,008.4	1,011.9	1,055.5	359.8	432.9	445.3	439.7	436.0	450.9
Equipment and structures	319.3	579.7	636.4	665.0	672.4	691.6	232.7	287.0	297.2	300.3	300.1	306.0
Percent equipment	62.1	65.1	66.6	66.3	66.4	66.6	62.0	67.5	68.0	67.8	68.1	68.8
Inventories	189.8	341.4	363.3	343.4	339.5	363.9	127.1	145.9	148.1	139.4	135.9	144.9

[1] Depreciation and net stock estimates are derived using the perpetual inventory method and assuming, in general, service lives of 85 percent of those shown in Internal Revenue Service's Bulletin F, and the straight-line depreciation formula. [2] Represents the difference between purchases and depreciation.

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925–79, Survey of Current Business*, October 1982, August 1983 and 1984, and unpublished data.

NO. 1339. MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS: 1950 TO 1984

[**In billions of dollars, except ratio.** See also *Historical Statistics, Colonial Times to 1970*, series P 74–92]

YEAR	Shipments, total	Inventories, total (Dec. 31)	Ratio of inventories to shipments [1]	New orders, total	Unfilled orders, total (Dec. 31)	YEAR	Shipments, total	Inventories, total (Dec. 31)	Ratio of inventories to shipments [1]	New orders, total	Unfilled orders, total (Dec. 31)
1950	223.6	31.5	1.41	242.1	41.2	1967	557.8	84.4	1.71	564.7	104.0
1951	260.6	39.2	1.78	286.7	66.9	1968	602.7	90.2	1.76	608.2	109.5
1952	270.3	41.5	1.71	278.5	75.5	1969	642.0	97.7	1.81	647.4	114.9
1953	298.1	44.2	1.80	283.0	60.3	1970	633.7	101.2	1.91	624.5	105.7
1954	280.3	41.8	1.71	268.0	48.2	1971	670.9	102.3	1.76	671.8	106.6
1955	317.8	45.2	1.63	329.6	60.0	1972	756.3	107.9	1.58	770.1	120.4
1956	332.9	50.7	1.74	340.4	67.5	1973	875.2	124.3	1.63	912.7	157.9
1957	344.8	51.9	1.90	330.7	53.3	1974	1,017.5	157.6	1.86	1,046.9	187.3
						1975	1,039.1	159.8	1.77	1,022.6	170.9
1958	327.0	50.0	1.75	324.1	46.8	1976	1,185.6	174.9	1.66	1,194.4	179.7
1959	363.4	52.7	1.68	368.8	52.1	1977	1,358.4	188.4	1.58	1,380.4	201.7
1960	370.5	53.6	1.79	362.9	44.5	1978	1,522.9	209.1	1.55	1,578.6	257.4
1961	371.1	54.7	1.67	373.3	46.7	1979	1,727.2	239.1	1.61	1,768.8	299.0
1962	400.3	58.1	1.76	401.2	47.6	1980	1,852.7	261.7	1.61	1,873.9	320.2
1963	420.7	59.9	1.66	426.4	53.3	1981	2,017.5	279.5	1.74	2,013.1	315.8
1964	448.0	63.3	1.62	460.1	65.4	1982	1,908.3	262.0	1.71	1,887.1	294.4
1965	491.9	68.0	1.58	505.3	78.8	1983	2,045.3	257.6	1.40	2,079.1	328.2
1966	538.4	77.7	1.70	556.8	97.2	1984	2,274.9	282.0	1.46	2,299.6	352.9

[1] Ratio based on December seasonally adjusted data.

Source: U.S. Bureau of the Census, *Current Industrial Reports, Manufacturers' Shipments, Inventories, and Orders: 1978–1984*, series M3-1.14, and unpublished data.

No. 1340. Value of Manufactures Shipments and Inventories—Selected Industries: 1978 to 1984

[In billions of dollars. See *Historical Statistics, Colonial Times to 1970*, series P 74-79]

SIC [1] code	INDUSTRY	1978	1979	1980	1981	1982	1983	1984
(X)	**Shipments, total**	**1,522.9**	**1,727.2**	**1,852.7**	**2,017.5**	**1,908.3**	**2,045.3**	**2,274.3**
(X)	**Durable goods industries** [2]	**814.2**	**912.7**	**930.6**	**1,006.5**	**920.3**	**1,019.4**	**1,182.0**
32	Stone, clay, and glass products	41.7	46.0	46.1	48.0	44.0	49.1	55.0
33	Primary metals	116.1	137.4	133.9	141.9	107.0	117.9	131.2
34	Fabricated metal products	101.3	113.6	116.2	123.7	114.0	120.6	139.2
35	Machinery, exc. electrical [2]	143.2	166.5	180.7	201.5	180.6	178.3	210.2
351	Engines and turbines	12.4	13.2	13.7	15.3	12.8	12.2	14.9
352	Farm machinery and equipment	11.9	15.5	15.1	16.0	11.8	10.6	10.5
353	Construction mining and material handling equipment	28.9	31.5	33.6	39.0	34.5	28.4	32.6
357	Office and computing machines	21.0	26.6	32.4	37.8	40.4	46.0	55.4
36	Electrical machinery [2]	100.5	116.0	128.8	140.2	141.1	156.0	182.5
361-2	Elec. transmission and distribution	17.9	20.0	21.3	23.4	21.9	21.9	24.8
363	Household appliances	11.5	12.7	12.9	13.1	12.1	14.9	17.4
365	Radio and TV	7.9	8.1	8.5	8.8	7.8	8.6	10.4
366	Communication equipment	25.7	30.3	36.0	40.3	44.5	48.6	55.3
367	Electronic components	17.9	22.7	27.6	30.4	31.3	35.3	44.9
37	Transportation equipment [2]	188.8	201.6	186.5	205.2	195.1	240.5	288.3
371	Motor vehicles and parts	132.0	131.4	104.6	117.0	112.2	151.9	191.5
372, 6	Aircraft, missiles, and parts	37.5	48.3	58.5	64.8	63.6	70.9	77.0
38	Instruments and related products [2]	33.7	37.7	44.1	48.3	46.9	47.9	53.5
381-4	Scientific and engineering equipment	19.2	21.6	25.6	28.7	28.0	29.3	33.3
386	Photographic goods	11.5	13.4	15.9	16.9	16.6	16.3	17.9
(X)	**Nondurable goods industries** [2]	**708.7**	**814.5**	**922.1**	**1,011.1**	**988.0**	**1,025.9**	**1,092.9**
20	Food and kindred products [2]	216.0	236.0	256.2	272.1	277.3	286.6	295.1
201	Meat products	55.6	61.6	63.0	65.9	66.2	66.8	70.1
207	Fats and oils	16.2	17.7	18.2	17.9	15.4	16.5	15.6
208	Beverages	26.6	29.3	33.0	36.1	40.3	41.7	43.1
21	Tobacco products	10.0	10.6	12.2	13.1	14.5	15.5	16.9
22	Textile mill products	42.3	45.1	47.3	50.3	47.2	52.2	55.1
26	Paper and allied products [2]	57.0	65.2	72.6	80.2	79.0	85.1	95.9
261-3, 6	Paper, pulp, paperboard mill products	24.0	28.0	31.8	35.1	33.5	36.3	41.5
265	Paperboard containers	14.5	16.0	17.2	19.0	18.4	19.1	21.7
28	Chemicals and allied products [2]	129.4	147.7	162.5	180.5	172.8	190.2	211.8
281	Industrial inorganic chemicals	44.8	52.3	57.3	62.7	55.8	59.2	68.7
283-4	Drugs, soaps, toiletries	34.2	36.7	41.9	46.9	48.6	50.4	53.9
29	Petroleum and coal products	103.9	148.4	198.7	224.1	206.4	191.6	200.6
30	Rubber and plastics products	43.2	46.8	47.3	53.2	50.2	50.3	52.1
(X)	**Inventories, total (Dec. 31)**	**209.1**	**239.1**	**261.7**	**279.5**	**262.0**	**257.6**	**282.0**
(X)	**Durable goods industries** [2]	**136.3**	**158.5**	**172.2**	**183.6**	**172.6**	**169.0**	**188.1**
32	Stone, clay, and glass products	4.8	5.4	5.8	6.3	5.8	5.6	5.8
33	Primary metals	19.6	22.6	23.1	25.7	21.5	19.2	20.4
34	Fabricated metal products	17.0	18.8	19.2	19.9	17.3	17.4	18.8
35	Machinery, exc. electrical [2]	31.5	36.8	40.3	43.0	39.7	36.3	40.1
351	Engines and turbines	2.4	2.6	2.6	2.8	2.4	2.0	2.2
352	Farm machinery and equipment	2.5	2.9	2.9	2.7	2.1	1.9	1.9
353	Construction mining and material handling equipment	7.3	8.1	9.2	9.9	9.1	7.1	6.8
357	Office and computing machines	5.0	6.8	8.4	9.2	9.4	9.8	12.5
36	Electrical machinery [2]	18.6	22.6	25.4	27.8	26.1	27.7	32.2
361-2	Elec. transmission and distribution	3.5	4.0	4.1	4.6	4.1	4.0	4.5
363	Household appliances	1.6	1.6	1.8	2.0	1.7	2.0	2.5
365	Radio and TV	1.2	1.2	1.3	1.4	1.0	1.0	1.3
366	Communication equipment	5.5	7.3	8.8	9.9	9.9	11.0	13.0
367	Electronic components	3.3	4.4	5.4	5.7	5.6	5.6	6.4
37	Transportation equipment [2]	25.7	31.1	35.3	37.0	39.9	40.0	46.9
371	Motor vehicles and parts	10.1	10.7	9.6	8.9	8.2	9.3	11.1
372, 6	Aircraft, missiles, and parts	12.1	16.4	21.7	24.1	28.5	27.7	32.5
38	Instruments and related products [2]	6.7	7.7	8.8	9.4	9.0	8.8	9.2
381-4	Scientific and engineering equipment	4.5	5.2	6.0	6.4	6.4	6.3	6.7
386	Photographic goods	1.6	1.9	2.2	2.4	2.0	2.0	2.0
(X)	**Nondurable goods industries** [2]	**72.8**	**80.6**	**89.5**	**95.8**	**89.4**	**88.6**	**93.9**
20	Food and kindred products [2]	18.7	20.6	22.4	22.1	21.3	21.4	22.0
201	Meat products	1.7	1.8	2.0	1.9	1.9	2.0	2.2
207	Fats and oils	1.7	2.0	2.0	1.6	1.4	2.0	1.3
208	Beverages	3.4	3.6	3.8	3.8	3.6	3.3	3.5
21	Tobacco products	3.8	3.6	3.9	4.6	4.7	4.1	3.7
22	Textile mill products	5.8	6.0	6.5	6.7	6.1	6.8	6.9
26	Paper and allied products [2]	6.0	6.8	7.7	8.5	8.5	8.6	9.6
261-3, 6	Paper, pulp, paperboard mill products	2.1	2.4	2.9	3.2	3.4	3.3	3.6
265	Paperboad containers	1.7	1.9	1.9	2.3	2.2	2.3	2.6
28	Chemicals and allied products [2]	15.7	17.3	19.6	22.0	19.8	19.5	21.8
281	Industrial inorganic chemicals	4.9	5.4	6.5	7.3	6.1	5.8	6.7
283-4	Drugs, soaps, toiletries	4.8	5.4	5.9	6.4	6.2	6.1	6.7
29	Petroleum and coal products	5.4	7.7	9.9	10.6	9.3	8.1	8.3
30	Rubber and plastics products	5.4	6.0	6.0	6.5	5.7	5.6	6.9

X Not applicable. [1] Standard Industrial Classification. [2] Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports, Manufactures' Shipments, Inventories, and Orders: 1978-1984*, series M3-114.

No. 1341. Industrial Production Indexes, by Industry: 1970 to 1984

[1977 = 100. Based on 1977 *Standard Industrial Classification Manual* (see text, pp. 741 and 742). See also *Historical Statistics, Colonial Times to 1970*, series P 13 and P 18-39]

SIC [1] CODE	MAJOR INDUSTRY GROUP	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
(X)	**Industrial production**	79	93	85	93	100	107	111	109	111	103	109	122
(X)	**Manufacturing**	77	93	83	92	100	107	112	100	111	102	110	124
(X)	**Durable goods**	78	94	83	91	100	108	114	109	111	100	108	125
33	Primary metals	95	111	88	99	100	107	109	90	95	66	73	82
34	Fabricated metal products	82	95	83	92	100	106	109	102	102	87	89	143
36	Electrical machinery	69	90	77	87	100	113	126	130	134	128	144	172
35	Nonelectrical machinery	73	98	85	89	100	112	123	123	130	116	118	142
37	Transportation equipment	75	90	81	92	100	106	108	97	95	88	99	114
38	Instruments	60	86	81	89	100	112	118	122	126	125	123	137
32	Clay, glass, and stone products	76	94	83	93	100	109	111	102	99	89	99	112
24	Lumber and products	81	87	81	92	100	102	102	93	90	83	100	109
25	Furniture and fixtures	75	94	80	89	100	109	112	109	110	105	118	137
(X)	**Nondurable goods**	76	90	85	93	100	106	108	107	110	106	114	123
22	Textile mill products	81	89	85	94	100	103	104	101	98	89	101	104
31	Leather and products	117	103	102	102	100	102	95	94	93	82	82	77
26	Paper and products	81	98	85	96	100	107	111	111	112	109	120	127
27	Printing and publishing	82	89	84	91	100	108	113	115	119	120	130	148
28	Chemicals and products	67	91	83	93	100	107	111	106	113	104	114	122
29	Petroleum products	80	88	87	93	100	103	102	94	89	84	84	87
30	Rubber and plastics products	58	85	73	85	100	108	115	108	116	110	124	143
20	Food	82	91	90	96	100	104	107	111	114	115	120	127
21	Tobacco products	52	98	99	105	100	105	105	106	109	105	101	101
(X)	**Mining**	99	99	97	97	100	104	106	112	118	109	103	111
(X)	**Utilities**	81	93	94	97	100	103	106	107	107	105	105	111

X Not applicable. [1] Standard Industrial Classifications.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 1342. Index of Manufacturing Capacity and Relation of Output to Capacity: 1950 to 1985

[1977 output = 100. Annual figures are averages of quarterly data. Capacity represents estimated quantity of output, relative to output in 1967, which the *current* stock of plant and equipment in manufacturing industries was capable of producing. Primary processing industries comprise textiles, lumber, paper and pulp, petroleum, rubber, stone, clay, glass, primary metals, fabricated metals, and a portion of chemicals. Advanced processing industries comprise chemical products, food, beverages, tobacco, apparel, furniture, printing and publishing, leather, machinery, transportation equipment, instruments, ordnance, and miscellaneous industry groups]

YEAR	Index of capacity	RELATION OF OUTPUT TO CAPACITY (percent)			YEAR	Index of capacity	RELATION OF OUTPUT TO CAPACITY (percent)		
		All manufacturing	Primary processing	Advanced processing			All manufacturing	Primary processing	Advanced processing
1950	40	83	89	80	1977	123	81	83	81
1955	49	87	92	84	1978	127	84	86	83
1960	60	80	80	81	1979	132	85	87	84
1965	73	90	91	89	1980	137	79	78	80
1970	97	79	81	78	1981	141	78	78	78
1971	101	77	80	76	1982	145	70	68	72
1972	104	83	86	81	1983	149	74	74	74
1973	108	87	91	85	1984	153	81	82	80
1974	112	83	85	82	1985: 1st qtr	157	81	82	80
1975	116	72	72	73	2nd qtr	158	80	82	80
1976	119	77	79	77					

Source: Board of Governors of the Federal Reserve System, *Capacity Utilization In Manufacturing, Mining, Utilities, and Industrial Materials*, G.3., August 1984. (Based on data from Federal Reserve Board, U.S. Dept. of Commerce, U.S. Bureau of Labor Statistics, and McGraw-Hill Information Systems Company, New York, NY; and other sources.)

No. 1343. Large Manufacturing Companies—Adequacy of Capital Facilities to Meet Current Demand: 1970 to 1984

[**Percent distribution.** As of **July**. Number of companies weighted by company assets. Based on replies to the question: In view of the current rate of order bookings and customer inquiries, are your plant-and-equipment facilities now Inadequate, Sufficient, or More than adequate? as part of a quarterly survey conducted among the 1,000 largest manufacturing companies as listed by total assets]

YEAR	Inadequate	Sufficient	More than adequate	YEAR	Inadequate	Sufficient	More than adequate
1970	28	60	12	1978	20	62	18
1971	18	59	23	1979	20	69	11
1972	16	71	13	1980	12	57	31
1973	45	53	2	1981	9	51	40
1974	57	40	3	1982	8	45	47
1975	19	43	38	1983	6	48	46
1976	18	65	17	1984	8	55	37
1977	20	66	14				

Source: The Conference Board, New York, NY, *Quarterly Survey of Capital Investment and Supply Conditions in Manufacturing* (copyright).

No. 1344. Large Manufacturing Companies—Capital Appropriations and Expenditures, by Industry: 1970 to 1984

[**In millions of dollars.** Based on reports submitted by companies responding to The Conference Board's *Quarterly Survey of Capital Appropriations.* This survey is conducted among the 1,000 largest manufacturing companies as listed by total assets. **Appropriations:** Authorizations by management to spend funds for new plant and equipment; **expenditures:** Cost of new plant and equipment]

ITEM AND YEAR	Total	Food and beverages	Paper and allied products	Chemicals and allied products	Petroleum and coal products	Primary iron and steel	Electrical machinery and equip.	Machinery, except electrical	Motor vehicles and equipment	Other manufacturing
Appropriations: 1970	25,337	1,587	1,034	3,036	5,704	1,534	2,584	3,098	1,276	5,484
1975	45,034	3,573	1,902	7,466	13,986	3,102	1,978	3,748	1,015	8,264
1979	88,519	6,640	3,979	10,725	19,526	3,559	5,659	10,236	8,129	19,866
1980	104,631	6,603	3,576	12,170	32,875	2,889	6,544	9,388	7,110	23,496
1981	106,956	5,772	5,010	12,019	36,904	5,210	5,787	12,700	3,489	20,065
1982	87,544	5,792	4,006	9,476	31,524	1,563	6,663	8,710	3,915	15,895
1983	88,180	5,909	3,231	10,002	25,718	2,113	8,869	7,909	5,807	18,622
1984	115,975	7,003	5,935	11,981	25,465	2,116	11,992	10,677	16,698	23,908
Expenditures: 1970	26,321	1,598	1,046	3,143	5,559	1,746	2,408	3,093	1,689	6,039
1975	45,557	3,081	1,905	7,172	11,907	3,552	2,227	4,014	1,808	9,891
1979	*73,126*	*5,037*	*3,018*	*9,309*	*16,876*	*3,243*	*4,918*	*8,400*	*5,335*	16,990
1980	88,209	6,014	3,859	10,918	22,228	3,458	6,271	9,826	5,555	20,080
1981	101,341	6,744	3,746	11,785	31,578	3,405	6,069	11,289	6,688	20,037
1982	98,614	5,802	3,653	11,180	33,317	3,545	6,354	10,906	5,610	18,247
1983	75,710	5,426	3,357	9,340	20,441	2,136	6,964	7,768	4,007	16,271
1984	90,401	5,445	3,840	11,241	21,508	1,970	10,154	8,651	7,001	20,591

Source: The Conference Board, New York, NY, *Quarterly Survey of Capital Appropriations.* (Copyright.)

No. 1345. U.S. Share of World Exports of Manufactures: 1979 to 1984

[*World exports=exports from 15 major trading countries: United States,* Austria, Belgium-Luxembourg, Canada, Denmark, France, Fed. Rep. of Germany, Italy, Japan, Netherlands, Norway, Sweden, Switzerland, and United Kingdom. Percents are calculated from the values of exports of the six commodity groups from each of the 15 countries. Percentage shares are based on values excluding shipments to the United States and are based on current exchange rates. Detail for all countries except Japan are reported according to Revision 2 instead of Revision 1 of the United Nations Standard International Trade Classification (SITC)]

PRODUCT CATEGORY	TOTAL (bil. dol.)						PERCENT OF WORLD EXPORTS					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Total [1]	**116.7**	**144.0**	**154.3**	**139.7**	**132.4**	**143.1**	**17.3**	**18.3**	**20.6**	**19.8**	**19.4**	**20.5**
Nonelectrical machinery	33.2	41.9	47.6	44.2	38.6	42.5	23.9	25.1	28.9	28.4	26.6	28.7
Transport equipment	25.8	28.8	32.8	27.8	28.3	29.7	22.7	23.2	24.7	22.1	23.6	25.0
Chemicals	17.3	20.7	21.2	19.9	19.8	22.3	17.9	18.8	20.6	20.2	19.8	21.1
Electrical machinery	11.6	13.9	15.4	15.2	15.7	17.8	18.5	19.2	21.6	22.2	22.8	24.1
Basic manufactures [2]	16.2	22.3	20.6	16.7	14.9	15.1	9.1	10.6	11.5	10.1	9.4	9.6
Misc. articles [3]	12.6	16.3	16.7	16.0	15.2	15.7	15.1	16.3	17.4	17.2	16.7	17.0

[1] Represents manufactures exports. Excludes mineral fuel products, processed food, fats, oils, firearms of war, and ammunition. [2] Includes semimanufactures of various materials, such as metals, fibers, wood, glass, leather, rubber, and certain finished products of metal. [3] Includes mainly nondurable consumer goods and professional and scientific instruments.

Source: U.S. Dept. of Commerce, International Trade Administration, *Business America,* biweekly; and *Market Share Reports,* annual.

No. 1346. Foreign Direct Investment in the U.S. for Manufacturing: 1980 and 1984

[**In millions of dollars**]

AREA OR COUNTRY	TOTAL [1]		FOOD PRODUCTS		CHEMICALS AND ALLIED PRODUCTS		PRIMARY AND FABRICATED METALS		MACHINERY	
	1980	1984	1980	1984	1980	1984	1980	1984	1980	1984
All countries [2]	**32,993**	**50,664**	**4,869**	**8,141**	**10,439**	**16,749**	**3,576**	**5,725**	**6,988**	**8,950**
Europe [2]	21,953	38,684	2,088	7,482	8,163	14,494	2,194	2,476	4,463	5,773
European communities (10) [2]	17,714	32,697	1,501	6,387	6,943	12,376	1,767	2,037	3,116	4,553
Netherlands	4,777	12,470	225	(D)	2,002	3,340	170	(D)	1,094	1,942
United Kingdom	6,159	9,347	1,098	2,193	2,301	3,302	524	717	1,097	1,467
Germany, Fed. Rep.	3,875	4,431	43	27	1,815	2,346	333	210	832	922
France	2,291	5,402	111	338	633	2,849	555	590	61	141
Belgium and Luxembourg	473	569	(D)	(D)	185	(D)	(D)	(D)	8	15
Italy	50	340	(D)	(D)	(D)	(D)	5	2	14	49
Other Europe [2]	4,239	5,988	587	1,095	1,220	2,118	427	439	1,347	1,219
Switzerland	3,116	4,782	586	(D)	1,154	2,056	264	(D)	681	614
Sweden	994	1,008	1	(D)	67	60	148	(D)	613	553
Canada	5,227	3,888	(D)	89	116	103	801	1,402	1,173	1,201
Latin America	4,571	5,287	101	271	1,929	1,898	412	1,098	1,027	1,435
Japan	1,033	2,262	98	197	224	267	78	535	318	539
Middle East	83	94	(D)	(D)	1	(Z)	(D)	(D)	(Z)	5

D Withheld to avoid disclosure of data of individual companies. Z Less than $500,000. [1] Includes other manufacturing, not shown separately. [2] Includes other countries not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* August 1985.

No. 1347. Employment Related to Manufactured Exports by Industry: 1976 to 1981

[Total employment related to manufactured exports is the sum of employment directly calculated for the plants shipping the exported product, the supplying industries and service organizations and the central administrative offices and auxiliaries. For manufacturing industries, employment is limited to paid employees in manufacturing plants, while for nonmanufacturing it includes an estimate for working proprietors and partners]

Industry	1976			1977			1980			1981		
	Civilian employment (1,000)	Employment related to manufactured exports		Civilian employment (1,000)	Employment related to manufactured exports		Civilian employment (1,000)	Employment related to manufactured exports		Civilian employment (1,000)	Employment related to manufactured exports	
		Number (1,000)	Percent of civilian employment		Number (1,000)	Percent of civilian employment		Number (1,000)	Percent of civilian employment		Number (1,000)	Percent of civilian employment
U.S.	**86,692**	**3,452**	**4.0**	**89,369**	**3,258**	**3.6**	**100,275**	**4,808**	**4.8**	**101,721**	**4,794**	**4.7**
Manufacturing	18,753	2,125	11.3	19,590	1,990	10.2	20,662	2,639	12.8	20,261	2,604	12.9
Nonmfg	68,139	1,327	1.9	69,779	1,268	1.8	79,613	2,170	2.7	81,460	2,190	2.7
Trade	16,025	489	3.1	16,653	489	2.9	19,737	845	4.3	19,937	926	4.6
Business serv	12,851	256	2.0	16,750	215	1.3	17,245	575	3.3	17,641	546	3.1
Transp.[1]	4,584	192	4.2	4,797	185	3.9	6,369	305	4.8	5,803	259	4.5
Agriculture	3,403	137	4.0	3,044	129	4.2	3,225	144	4.5	3,297	147	4.5
Mining	688	35	5.1	747	34	4.6	947	69	7.3	1,157	80	6.9
Other	30,588	218	.7	27,788	216	.8	32,090	233	.7	33,625	232	.7

[1] Includes communications and utilities.

No. 1348. Export-Related Shipments and Employment of Manufacturing Establishments, 1963 to 1981, and by Industry, 1981

[The export-related employment data shown do not include the jobs involved in the export of nonmanufactured goods and various services sold to foreign buyers. Thus, jobs in the manufacturing sector that relate to the export of nonmanufactured goods are excluded from the estimates. In addition, all of the indirect exports being reported are domestically produced, that is, they exclude imports. See source for further details on methodology]

SIC code	Industry group	Manufacturer's shipment value					Manufacturing employment				
		Total[1] (bil. dol.)	Export related			Export related as percent of shipments	Total[4] (1,000)	Export related			Export related as percent of total employment
			Total (bil. dol.)	Direct exports[2] (bil. dol.)	Supporting exports[3] (bil. dol.)			Total[4] (1,000)	Direct exports[5] (1,000)	Supporting exports[4 5] (1,000)	
(X)	1963	420.5		16.5		3.9	16,958		(NA)		(NA)
(X)	1971	671.0		33.1		4.9	18,363		746		*4.1
(X)	1972	756.5		36.7		4.9	19,027		770		4.0
(X)	1976	1,185.7	137.7	83.1	54.1	7.0	18,753	2,125	1,173	952	*11.3
(X)	1977	1,358.4	142.4	85.8	56.6	10.4	19,590	1,990	1,106	884	0.2
(X)	1980	1,852.7	249.8	151.2	98.6	13.5	20,647	2,639	1,486	1,153	12.8
(X)	**1981, total**	**2,017.5**	**271.7**	**164.3**	**107.4**	**13.4**	**20,264**	**2,604**	**1,486**	**1,118**	**12.9**
20	Food and kindred products	272.1	17.7	12.1	5.5	6.4	1,511	76	46	31	5.0
21	Tobacco products	13.1	2.8	2.1	.7	21.4	61	12	9	3	18.9
22	Textile mill products	50.3	5.5	2.6	2.9	10.9	785	80	35	44	10.1
23	Apparel, other textile prod	49.8	2.0	1.3	.7	4.0	1,251	39	25	14	3.1
24	Lumber and wood products	46.8	5.5	2.6	2.8	11.7	649	65	25	40	10.0
25	Furniture and fixtures	23.9	.7	.5	.2	3.0	460	13	9	4	2.8
26	Paper and allied products	80.2	10.0	4.1	5.9	12.5	636	72	23	49	11.2
27	Printing and publishing	77.3	2.3	1.3	1.1	3.0	1,270	33	16	17	2.5
28	Chemical and allied prod	180.5	36.0	19.3	16.7	19.9	892	164	90	74	18.3
29	Petroleum and coal products	224.1	14.2	3.3	10.8	6.3	152	10	3	7	6.8
30	Rubber, misc. plastics prod	53.2	6.1	2.7	3.4	11.4	691	76	31	45	10.9
31	Leather, leather products	10.5	.6	.5	.1	6.0	228	9	7	1	3.7
32	Stone, clay, glass products	48.0	4.3	1.8	2.5	9.0	590	53	21	31	8.9
33	Primary metal industries	141.9	27.4	6.2	21.3	19.3	1,063	199	41	158	18.7
34	Fabricated metal products	123.7	15.4	7.1	8.3	12.4	1,566	192	88	104	12.2
35	Machinery, except electric	201.5	48.1	38.4	9.7	23.8	2,380	517	387	130	21.7
36	Electric, electronic equip	140.2	23.3	16.5	6.8	16.6	1,959	341	240	101	17.4
37	Transportation equipment	205.2	37.6	31.2	6.5	18.3	1,749	313	256	57	17.9
38	Instruments and related products	48.3	9.2	8.0	1.2	18.9	612	119	102	16	19.3
39	Misc. manufacturing	26.9	2.9	2.5	.3	10.6	413	37	32	5	8.9

NA Not available. X Not applicable. [1] Includes total domestic and export shipments for all manufacturing establishments. [2] Includes only the value of manufactured products exported by the producing plants. [3] Includes shipments of components, parts, supplies, etc., used by plants producing the export products. [4] Includes employees of central administrative offices and auxiliaries. [5] Employment is limited to paid employees in manufacturing plants producing the export product. The number of employees related to export shipments was calculated for each establishment, aggregated by industry and by States, and inflated to a level comparable to the plant value of exports reported in the official foreign trade statistics at port value. [6] Manufacturing employment at establishment producing components, parts, supplies, etc. for use by plants producing for export.

Source of tables 1347 and 1348: U.S. Bureau of the Census, *Census of Manufactures, 1963, 1967, 1972,* and *1977;* and *Annual Survey of Manufactures, Origin of Exports of Manufactured Products.*

NO. 1349. EXPORT-RELATED SHIPMENTS AND EMPLOYMENT OF MANUFACTURING ESTABLISHMENTS, BY STATE: 1981

[See headnote, table 1348. Includes employees of central administrative and auxiliary offices]

REGION, DIVISION, AND STATE	MANUFACTUER'S SHIPMENT VALUE					MANUFACTURING EMPLOYMENT				
	Total (bil. dol.)	Export related			Export related as percent of shipments	Total (1,000)	Export related			Export related as percent of total employment
		Total (bil dol.)	Direct exports (bil. dol.)	Supporting exports (bil. dol.)			Total (1,000)	Direct exports (1,000)	Supporting exports (1,000)	
U.S	**2,017.5**	**271.7**	**164.3**	**107.4**	**13.4**	**20,264**	**2,604**	**1,486**	**1,118**	**12.8**
Region:										
Northeast	413.1	54.7	32.9	21.7	13.2	5,136	652	358	296	12.7
Midwest	636.6	84.5	51.3	33.3	13.3	5,941	795	432	360	13.4
South	657.6	83.7	45.8	37.7	12.7	6,032	669	355	313	11.1
West	310.3	48.9	34.4	14.7	15.8	3,159	490	336	152	15.5
N. Eng	**105.5**	**15.7**	**10.1**	**5.5**	**14.9**	**1,550**	**214**	**124**	**91**	**13.8**
ME	9.1	.9	.5	.4	10.1	115	11	6	5	9.9
NH	7.3	1.0	.6	.4	13.6	111	16	10	6	14.1
VT	3.6	.5	.2	.2	12.3	50	6	3	3	11.6
MA	47.9	7.4	5.1	2.3	15.4	692	98	59	39	14.2
RI	7.6	1.0	.6	.4	13.4	127	15	9	7	12.0
CT	30.0	4.9	3.1	1.8	16.2	455	68	37	31	14.9
Mid. Atl	**307.5**	**39.0**	**22.8**	**16.2**	**12.7**	**3,586**	**438**	**234**	**205**	**12.2**
NY	119.3	15.3	10.2	5.1	12.7	1,502	172	98	74	11.4
NJ	73.0	8.2	4.5	3.7	11.2	793	95	46	49	11.9
PA	115.2	15.5	8.1	7.4	13.4	1,291	171	90	82	13.2
E. No. Cent	**479.5**	**66.9**	**40.0**	**27.0**	**14.0**	**4,577**	**635**	**338**	**295**	**13.9**
OH	122.3	18.1	10.4	7.8	14.8	1,219	180	96	84	14.7
IN	70.3	9.7	5.0	4.7	13.7	643	86	45	41	13.3
IL	127.0	17.0	10.4	6.7	13.4	1,210	157	84	73	12.9
MI	105.2	15.5	10.3	5.2	14.7	977	143	74	68	14.6
WI	54.7	6.6	4.0	2.6	12.0	528	69	39	29	13.0
W. No. Cent	**157.1**	**17.6**	**11.3**	**6.3**	**11.2**	**1,364**	**160**	**94**	**65**	**11.7**
MN	35.5	4.1	2.7	1.4	11.6	373	46	26	20	12.4
IA	33.2	3.9	2.7	1.2	11.8	236	29	19	9	12.0
MO	41.2	4.9	3.0	1.8	11.7	430	48	27	21	11.1
ND	2.4	.2	.2	.1	10.2	15	2	1	1	11.1
SD	2.9	.3	.2	.1	9.1	27	2	1	1	7.9
NE	15.4	1.5	.9	.5	9.5	95	10	6	4	10.0
KS	26.5	2.7	1.5	1.2	10.1	188	23	14	9	12.4
So. Atl	**253.7**	**32.8**	**18.9**	**13.8**	**12.9**	**3,045**	**326**	**168**	**158**	**10.7**
DE	9.1	.9	.4	.5	9.4	67	9	3	7	13.5
MD	21.3	2.3	1.2	1.1	11.0	243	26	13	14	10.8
DC	1.3	(Z)	(Z)	(Z)	2.4	16	1	(Z)	(Z)	3.0
VA	35.9	5.2	3.3	1.8	14.3	411	46	27	19	11.1
WV	11.9	2.4	1.2	1.2	19.7	109	16	7	9	14.6
NC	62.2	7.8	4.7	3.1	12.5	822	81	41	39	9.8
SC	27.9	4.2	2.2	2.0	15.0	388	46	22	24	11.7
GA	47.2	5.0	2.5	2.5	10.5	527	51	25	26	9.7
FL	36.8	5.0	3.4	1.6	13.4	462	50	30	20	10.8
E. So. Cent	**122.0**	**15.5**	**8.3**	**7.1**	**12.7**	**1,309**	**135**	**70**	**65**	**10.3**
KY	30.4	3.8	1.9	1.8	12.3	267	29	14	15	10.6
TN	41.3	5.6	3.3	2.3	13.4	492	51	28	24	10.3
AL	30.5	4.0	1.9	2.1	13.1	346	38	19	19	11.0
MS	19.8	2.1	1.2	.9	10.4	204	17	9	7	8.2
W. So. Cent	**281.9**	**35.4**	**18.5**	**16.8**	**12.6**	**1,678**	**208**	**118**	**90**	**12.4**
AR	18.5	2.5	1.6	.9	13.6	197	21	12	9	10.5
LA	57.8	7.4	3.7	3.7	12.8	208	25	14	11	11.9
OK	25.3	2.8	1.5	1.2	10.8	205	26	15	11	12.4
TX	180.3	22.7	11.7	11.0	12.5	1,068	136	77	59	12.7
Mt	**56.8**	**7.0**	**4.1**	**3.1**	**12.3**	**572**	**79**	**49**	**27**	**13.8**
MT	4.3	.3	.1	.3	7.6	23	2	(Z)	1	7.5
ID	5.0	.7	.5	.3	14.7	50	6	3	3	11.7
WY	3.2	.2	(Z)	.2	5.6	11	1	–	1	4.4
CO	17.2	1.9	1.3	.6	11.1	188	24	16	8	12.7
NM	3.2	.2	.1	.2	7.2	34	2	(Z)	1	4.6
AZ	12.5	2.5	1.6	.8	19.7	156	32	24	8	20.5
UT	9.8	1.0	.4	.6	10.6	92	10	5	4	10.3
NV	1.6	.2	.1	.1	13.1	18	2	1	1	10.1
Pac	**253.6**	**41.9**	**30.3**	**11.6**	**16.5**	**2,587**	**411**	**287**	**125**	**15.9**
WA	36.8	10.8	9.0	1.7	29.2	304	80	67	14	26.3
OR	18.8	2.8	1.7	1.1	14.8	204	30	18	11	14.5
CA	192.4	27.4	18.8	8.6	14.2	2,040	296	197	99	14.5
AK	2.0	.7	.7	.1	36.3	13	4	4	(Z)	34.1
HI	3.6	.2	.1	.1	6.9	26	1	1	1	4.5

– Represents zero. Z Less than $50 million or fewer than 500.

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures, Origin of Exports of Manufactured Products* M81(AS)-5.

No. 1350. U.S. Exports and Imports of Manufactured Products: 1974 to 1983

1972 SIC [1] code	Products	Exports				Imports [2]			
		Export value, 1983 (mil. dol.)	Exports/shipment ratio			Import value, 1983, (mil. dol.)	Import penetration ratio [3]		
			1974 (percent)	1981 (percent)	1982 (percent)		1974 (percent)	1981 (percent)	1982 (percent)
	Total manufactured products	**156,801**	**7.8**	**9.5**	**9.1**	**192,344**	**7.2**	**8.3**	**8.5**
20	Food and kindred products	11,022	3.8	5.2	4.3	10,334	4.5	4.3	3.0
21	Tobacco manufactures	1,169	7.2	12.7	10.4	404	.6	2.0	1.8
22	Textile mill products	1,560	5.2	5.9	4.9	2,557	5.0	5.6	5.4
23	Apparel and other textile products	1,049	2.0	3.4	2.4	9,897	7.7	13.9	14.2
24	Lumber and wood products	2,852	6.4	7.0	7.2	4,426	7.9	9.8	8.2
25	Furniture and fixtures	520	1.1	2.5	2.5	1,795	3.1	5.0	5.3
26	Paper and allied products	4,103	6.0	6.2	5.5	5,820	6.3	6.8	6.1
27	Printing and publishing	1,323	1.5	1.9	1.7	657	1.0	.9	.9
28	Chemicals and allied products	19,688	11.1	12.6	12.4	9,333	3.9	4.7	4.6
29	Petroleum refining	5,325	1.8	1.8	3.2	17,395	14.6	7.3	7.2
30	Rubber and misc. plastics products	2,634	4.9	5.9	4.8	3,405	5.0	6.1	5.1
31	Leather and leather products	457	3.1	5.4	5.7	5,296	16.6	40.3	33.9
32	Stone, clay, and glass products	1,779	3.5	4.5	4.3	2,862	3.9	5.4	5.3
33	Primary metal products	4,067	4.6	4.8	5.0	15,079	10.6	15.4	14.6
34	Fabricated metal products	6,731	5.1	7.1	7.3	5,308	3.3	4.1	4.3
35	Machinery, except electrical	33,190	19.2	23.9	23.3	17,373	5.9	8.7	8.5
36	Electrical and electronic equipment	18,032	10.2	13.5	12.6	24,450	9.1	13.9	12.4
37	Transportation equipment	30,864	13.9	16.9	15.2	42,538	11.2	16.5	15.3
38	Instruments and related products	8,271	15.8	19.0	17.6	6,023	7.1	12.7	10.2
39	Miscellaneous manufactures	2,165	10.4	11.9	9.6	7,393	14.5	29.9	24.3

[1] Standard Industrial Classification. [2] Import data for 1974 and 1982 are valued on a customs basis; data for 1981 are valued on a f.a.s. basis. Data for all years have been adjusted to include comparable commodities in each group. [3] Ratio of imports to new supply (domestic product shipments plus imports).

No. 1351. U.S. Exports and Imports For 20-Leading 4-Digit SIC Product Groups: 1982

[In millions of dollars, except as indicated. Ranked by value of 1982 imports and exports]

1972 SIC [1] code	Products	Exports [2]		1972 SIC [1] code	Products	Imports [2]	
		Total (mil. dol.)	Percent of shipments			Total (mil. dol.)	Percent of supply
3573	Electronic computing equipment	8,957	23.9	3711	Motor vehicles and car bodies	25,579	26.6
3721	Aircraft	7,236	25.1	2911	Petroleum refinery products	15,590	7.2
3714	Motor vehicle parts and accessories	6,844	19.1	3312	Blast furnace and steel mill products	8,861	19.4
3711	Motor vehicles and car bodies	6,388	9.0	3714	Motor vehicle parts and accessories	6,045	14.4
2911	Petroleum refinery products	5,957	3.0	3651	Radio and TV receiving sets	5,307	46.5
3533	Oil field machinery	5,130	45.7	3674	Semiconductors and related devices	4,101	23.6
3531	Construction machinery	4,856	41.4	3579	Office machines	3,411	44.8
3728	Aircraft equipment, n.e.c.[3]	4,401	38.8	2621	Paper mill products	3,240	13.3
2869	Industrial organic chemicals	4,387	14.5	3662	Radio and TV communication equip	2,821	7.8
3674	Semiconductors and related devices	3,041	23.0	3339	Primary nonferrous metals	2,746	54.3
3662	Radio and TV communication equip	2,771	8.3	2369	Outerwear	2,123	65.7
2819	Industrial inorganic chemicals	2,497	20.5	3861	Photographic equip. and supplies	2,107	11.0
2821	Plastic materials and resins	2,472	15.7	3915	Lapidary work	1,981	72.6
3861	Photographic equipment and supplies	2,390	14.0	2819	Industrial inorganic chemicals	1,898	13.5
3569	General industrial machinery	2,350	52.1	2421	Sawmill and planing mill products	1,770	14.9
3519	Internal combustion engines, n.e.c.[3]	2,345	25.4	2321	Shirts, nightwear (men's and boys)	1,707	32.9
3724	Aircraft engines and parts	2,308	16.9	2011	Meat products	1,638	3.5
3679	Electronic components, n.e.c.[3]	2,138	15.7	3944	Games, toys, children's vehicles	1,621	26.4
3079	Plastic products, miscellaneous	1,881	5.1	3569	General industrial machinery	1,527	25.3
2075	Soybean oil mill products	1,822	21.0	2611	Pulp mill products	1,493	32.3

[1] Standard Industrial Classification. [2] Imports are valued on a customs basis. Supply equals shipments plus imports. [3] Not elsewhere classified.

Source of tables 1350 and 1351: U.S. International Trade Administration, *1984 U.S. Industrial Outlook.*

No. 1352. Beverage Industry—Summary: 1970 to 1982

Year and item	Unit	Total	Malt beverages	Malt	Wine, brandy, brandy spirits	Distilled liquor, exc. brandy	Soft drinks (bottled, canned)	Flavoring, extracts, sirups
1970: Employees	1,000	228	57	2	9	21	129	11
Payroll	Mil. dol	1,884	616	19	71	171	916	91
Value added by manufacture	Mil. dol	6,144	2,028	56	258	887	2,121	792
Value of shipments	Mil. dol	12,373	3,822	210	591	1,758	4,631	1,361
1975: Employees	1,000	204	47	2	11	16	117	11
Payroll	Mil. dol	2,418	726	24	131	198	1,210	129
Value added by manufacture	Mil. dol	8,110	2,008	122	500	1,056	3,321	1,103
Value of shipments	Mil. dol	20,396	5,641	591	1,197	2,004	8,602	2,361
1980: Employees	1,000	199	43	2	11	14	118	11
Payroll	Mil. dol	3,646	1,122	40	191	253	1,850	191
Value added by manufacture	Mil. dol	13,708	3,639	162	811	1,849	5,348	1,898
Value of shipments	Mil. dol	33,041	9,362	680	2,189	3,389	13,909	3,513
1981: Employees	1,000	199	44	2	11	14	117	11
Payroll	Mil. dol	3,940	1,247	44	206	264	1,972	206
Value added by manufacture	Mil. dol	14,855	3,842	192	888	1,765	6,075	2,094
Value of shipments	Mil. dol	36,075	10,179	743	2,408	3,605	15,286	3,855
1982: [1] Employees	1,000	195	43	2	12	12	114	12
Payroll	Mil. dol	4,237	1,308	43	245	257	2,146	238
Value of shipments	Mil. dol	38,786	11,195	662	2,783	3,072	16,836	4,236

[1] Preliminary. Value added by manufacture not available.

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures* and *Census of Manufactures, 1982.*

No. 1353. Alcoholic Beverages—Summary: 1970 to 1984

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Includes Puerto Rico. Excludes imports. See *Historical Statistics, Colonial Times to 1970,* series P 235 for beer production, and *P 236a for distilled spirits*]

Item	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Beer: Breweries operated	Number	154	117	95	89	86	86	92	82	92	96
Production	Mil. bbl.[1]	135	158	170	176	184	193	195	194	196	93
Imports (incl. ale, etc.) [2]	Mil. bbl.[1]	(NA)	1.7	2.6	3.1	4.1	4.6	5.2	5.8	6.3	7.2
Value of shipments (SIC 2082) [3]	Mil. dol.	3,822	5,641	6,653	7,539	8,353	9,362	10,179	[4] 11,195	(NA)	(NA)
Tax-paid withdrawals	Mil. bbl. [1]	123	147	156	160	167	172	177	176	178	176
Stocks on hand, June 30	Mil. bbl. [1]	15	14	14	14	14	15	14	14	15	14
Per capita consumption [5]	Gallons	28.6	32.8	32.3	33.1	34.0	34.9	35.6	33.4	33.0	32.8
Of domestic output	Gallons	28.4	32.4	31.8	32.4	33.1	34.0	34.5	32.0	31.7	31.5
Distilled spirits:											
Production facilities operated	Number	140	115	96	101	135	143	114	121	121	112
Warehouses operated	Number	274	241	222	220	210	200	198	202	193	202
Production, total [6]	Mil. tax gal.[7]	355	278	225	268	246	236	259	217	181	134
Whisky	Mil. tax gal.[7]	160	50	82	71	104	87	90	96	80	77
Imports [2]	Mil. tax gal.[7]	90.9	113.5	113.1	128.6	123.6	90.7	117.9	106.0	116.4	117.7
Tax-paid withdrawals, total [8]	Mil. tax gal.[7]	256	295	296	321	318	330	321	312	306	301
Whisky	Mil. tax gal.[7]	112	137	126	136	125	42	(NA)	(NA)	(NA)	(NA)
Stocks on hand, June 30, total [6]	Mil. tax gal.[7]	1,091	836	726	670	659	696	691	654	640	636
Whisky	Mil. tax gal.[7]	960	780	668	611	596	566	544	540	523	490
Bottled for consumption, total	Mil. wine gal.[9]	312	357	361	390	379	392	388	375	377	367
Whisky	Mil. wine gal.[9]	192	182	166	170	166	165	162	153	154	141
Per capita [5]	Wine gal.[9]	2.61	2.49	2.67	2.78	2.70	2.90	2.84	2.62	2.71	2.83
Of domestic output	Wine gal.[9]	1.91	1.75	1.93	2.02	1.96	2.00	2.02	1.80	1.79	1.80
Still wines: Production [10]	Mil. wine gal.[9]	713	782	771	731	739	982	901	546	813	691
Imports [2]	Mil. wine gal.[9]	22.1	40.3	56.4	61.3	81.0	90.7	101.1	107.5	58.6	58.8
Tax-paid withdrawals [11]	Mil. wine gal.[9]	204	287	306	313	326	340	363	365	367	376
Stocks on hand, June 30 [12]	Mil. wine gal.[9]	207	325	392	431	485	486	602	519	596	565
Per capita [5]	Wine gal.[9]	1.70	2.20	2.45	2.54	2.60	2.65	2.68	2.81	2.82	2.83
Of domestic output	Wine gal.[9]	1.52	1.96	2.35	2.01	2.02	2.02	2.02	2.14	2.10	2.08
Effervescent wines: [13]											
Production	Mil. wine gal.[9]	20.0	18.0	21.2	23.8	24.4	26.8	31.2	30.6	36.6	34.3
Imports [2]	Mil. wine gal.[9]	2.0	2.1	3.3	4.9	5.0	5.2	7.9	8.7	11.4	15.7
Tax-paid withdrawals	Mil. wine gal.[9]	17.1	17.6	20.3	21.2	22.1	24.1	27.0	26.5	31.7	31.4
Stocks on hand, June 30	Mil. wine gal.[9]	8.1	9.0	10.4	11.4	12.1	11.9	14.4	17.6	21.5	20.1
Per capita [5]	Wine gal.[9]	.15	.13	.16	.15	.15	.17	.19	.22	.22	.21
Of domestic output	Wine gal.[9]	.13	.12	.14	.13	.12	.12	.14	.17	.17	.17

NA Not available. [1] Barrels of 31 wine gallons (see footnote 8). [2] Source: U.S. Bureau of the Census, *Imports for Consumption, General Imports,* FT 246. [3] Source: U.S. Bureau of the Census, *Census of Manufactures, 1977* and *1982,* and *Annual Survey of Manufactures.* [4] Preliminary. [5] Source: U.S. Dept. of Commerce, International Trade Administration. Based on U.S. Bureau of the Census estimated population 18 years old and over, as of July 1, including Armed Forces abroad. [6] Excludes alcohol produced for industrial use. [7] A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon; for spirits of less than 100 proof to the wine gallon. (See footnote 9.) A proof gallon is the alcoholic equivalent of a U.S. gallon at 60°F, containing 50 percent of ethyl alcohol by volume. [8] Includes ethyl alcohol. [9] A wine gallon is the U.S. gallon equivalent to the volume of 231 cubic inches. [10] Production represents total amount removed from fermenters, including distilling material, and includes increase after fermentation (by amelioration, sweetening, and addition of wine spirits). In 1975, 359 million gallons of distilling materials were produced; 1977, 347 million gal.; 1978, 258 mil. gal.; 1979, 259 mil. gal.; 1980, 184 mil. gal.; 1981, 264 mil. gal.; and 1982, 138 mil. gal.; and 1983, 223 mil. gal. and 1984, 169 mil. gal. [11] Includes special natural wines. [12] Excludes distilling materials. [13] Includes champagne, other effervescent wines, and artificially carbonated wines.

Source: Except as noted, U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics,* annual.

No. 1354. Food Manufacturing Industry—Summary: 1970 to 1984

[Covers manufacturers of food and kindred products (Standard Industrial Classification Code 20); based on various editions of the Standard Industrial Classification Manual, see text, p. 388]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total employees [1]	1,000	1,786	1,658	1,711	1,724	1,733	1,708	1,671	1,636	1,615	1,619
Production workers	1,000	1,207	1,120	1,161	1,174	1,191	1,175	1,150	1,126	1,114	1,124
Avg. hourly earnings, prod. workers	Dollars	3.16	4.61	5.37	5.80	6.27	6.85	7.44	7.92	8.19	8.38
Salaries and wages	Bil. dol.	11.7	15.9	18.5	20.3	21.7	23.2	24.7	[2] 26.1	(NA)	(NA)
Value added by manufacture [3]	Bil. dol.	32.3	48.1	56.1	62.9	68.7	75.5	80.8	(NA)	(NA)	(NA)
Value of shipments [4]	Bil. dol.	98.5	172.2	192.9	216.1	236.0	256.2	272.1	[2] 281.0	(NA)	(NA)
Total assets	Bil. dol.	23.8	33.0	38.4	41.7	44.6	48.6	48.8	(NA)	(NA)	(NA)
Capital expenditures, new [5]	Bil. dol.	2.1	3.4	4.2	4.8	5.0	5.8	6.0	[2] 6.8	(NA)	(NA)
Corporate profits before taxes [6]	Bil. dol.	4.8	8.8	9.2	10.2	11.5	13.0	14.3	13.3	14.8	15.5
Corporate profits after taxes [6]	Bil. dol.	2.6	5.2	5.6	6.2	7.3	8.2	9.1	8.4	9.4	9.8
Ratio of profits to stockholders' equity	Percent	10.8	14.4	13.3	13.8	14.7	14.7	14.0	13.0	12.2	13.3
Profits per dollar of sales [7]	Cents	2.5	3.2	3.1	3.2	3.3	3.4	3.2	3.1	3.3	3.3

NA Not available. [1] See headnote, table 700. Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. [2] Preliminary. [3] See footnote [7], table 1334. [4] See footnote [6], table 1334. [5] Includes expenditures for plants in operation and plants under construction but not yet in operation. [6] Source: Through 1981, U.S. Federal Trade Commission, thereafter U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations*. Data are not necessarily comparable from year to year due to changes in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. [7] After tax profit rates are averages of quarterly figures at annual rates.

Source: Except as noted, U.S. Bureau of the Census, *Census of Manufactures, 1977, General Summary; 1982 Census of Manufactures, Preliminary Statistics;* and *Annual Survey of Manufactures.*

No. 1355. Tobacco Manufactures Industry—Summary: 1972 to 1982

[**In millions of dollars, except as indicated.** Represents Standard Industrial Classification Code 21. Includes cigarettes, cigars, chewing and smoking tobacco, and tobacco stemming and redrying]

ITEM	1972 Census	1977 Census	1978 ASM	1979 ASM	1980 ASM	1981 ASM	1982 Census
All employees:							
Number (1,000)	66.3	60.6	59.1	58.6	58.0	61.1	57.9
Payroll	502	751	813	906	1,045	1,219	1,324
Value added by manufacture	2,637	4,334	4,607	5,343	6,148	6,430	6,965
Cost of materials	3,281	4,730	5,375	5,240	6,091	6,691	7,099
Value of shipments	5,920	9,051	9,951	10,601	12,195	13,130	16,061
New capital expenditures	133	182	254	237	367	726	697

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972, 1977,* and *1982;* and *Annual Survey of Manufactures.*

No. 1356. Tobacco Products—Production and Consumption: 1970 to 1984

[Production data are for years ending **June 30.** Excludes cigars produced in customs bonded manufacturing warehouses. See also *Historical Statistics, Colonial Times to 1970,* series P 239-241]

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Production:													
Cigarettes [1]	Billions	562	652	627	688	673	688	707	702	744	711	668	657
Cigars [1]	Billions	8.0	8.7	8.3	6.7	5.8	5.6	5.1	4.9	5.0	4.5	4.3	4.5
Tobacco [2]	Mil. lb	164	152	155	153	155	156	156	163	162	160	159	(NA)
Per capita consumption: [3]													
All products	Lb. [4]	9.6	9.4	9.1	8.7	8.5	8.1	8.3	8.0	7.6	7.5	7.2	7.1
Cigarettes	1,000	4.0	4.1	4.1	4.1	4.1	4.0	3.9	3.8	3.8	3.7	3.5	3.4
Cigars [5]	Number	60	44	39	36	33	30	27	25	23	22	22	21
Tobacco [2]	Lb. [4]	.83	.75	.72	.73	.70	.68	.69	.69	.64	.65	.64	(NA)

NA Not available. [1] Large and small. Source: U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics,* annual. [2] Smoking and chewing tobaccos and snuff. Source: U.S. Dept. of Agriculture, Agricultural Marketing Service, *Manufacture and Sales of Snuff, Smoking, and Chewing Tobacco,* quarterly. [3] Based on U.S. Bureau of the Census estimated population 18 years old and over, as of July 1, including Armed Forces abroad. [4] Unstemmed processing weight equivalent. [5] Weighing over 3 pounds per 1,000.

Source: Except as noted, U.S. Dept. of Agriculture, Economic Research Service, *Tobacco Situation,* quarterly.

No. 1357. Mill Consumption of Natural Fibers: 1965 to 1984

[**In million of pounds.** See *Historical Statistics, Colonial Times to 1970,* series P 229 and P 230, for wool and silk]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984 [1]
Cotton, total [2]	4,522	3,854	3,309	3,027	3,414	3,170	3,041	3,077	3,036	2,715	2,488	2,808	2,681
Wool, total [3]	387	240	94	110	122	108	115	117	123	139	116	138	140
Flax, total	8	6	7	3	4	3	4	5	2	4	8	5	7
Silk, total	6	2	3	1	3	2	2	2	1	2	2	2	1

[1] Preliminary. [2] Reported by U.S. Bureau of the Census. For American cotton, tare as reported by Crop Reporting Board is deducted. For foreign cotton, 15 pounds deducted in 1965, 20 pounds thereafter. [3] Reported by U.S. Bureau of the Census. Excludes consumption in cotton and other spinning systems and consumption in batting and felt manufacture.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Cotton and Wool Outlook and Situation,* April 1985.

No. 1358. Cotton, Wool, and Manmade Fibers—Quantity and Distribution in Selected Consumer Products: 1980 to 1983

[Represents products manufactured by U.S. mills]

End-use and year	Total (mil. lb)	Cotton		Wool		Man-made fibers					
								Cellulosic [1]		Non-cellulosic [2]	
		Total (mil. lb)	Percent end-use	Total (mil. lb)	Percent end-use	Total (mil. lb)	Percent end-use	Total (mil. lb)	Percent end-use	Total (lb)	Percent end-use
Total:											
1980	12,111	3,125	25.8	169	1.4	8,817	72.8	748	6.2	8,069	66.6
1981	11,855	2,909	24.5	194	1.7	8,752	73.8	724	6.1	8,028	67.7
1982	10,484	2,672	25.5	169	1.6	7,643	72.9	529	5.1	7,114	67.8
1983	12,461	2,986	24.0	204	1.6	9,271	74.4	576	4.6	8,695	69.8
Apparel:											
1980	4,726	1,652	35.0	125	2.6	2,951	62.4	298	6.3	2,653	56.1
1981	4,495	1,595	35.5	148	3.3	2,752	61.2	309	6.9	2,443	54.3
1982	4,031	1,511	37.5	127	3.1	2,393	59.4	211	5.3	2,182	54.1
1983	*4,649*	*1,742*	*37.5*	*153*	*3.3*	*2,754*	*59.2*	*229*	*4.9*	*2,525*	*54.3*
Home furnishings:											
1980	3,656	802	22.0	26	.7	2,828	77.3	170	4.6	2,658	72.7
1981	3,522	744	21.1	29	.9	2,749	78.0	156	4.4	2,593	73.6
1982	3,145	677	21.5	26	.9	2,442	77.6	104	3.3	2,338	74.3
1983	3,914	776	19.8	32	.8	3,106	79.4	134	3.5	2,972	75.9
Industrial: [3]											
1980	3,109	412	13.2	11	.3	2,686	86.5	249	8.0	2,437	78.5
1981	3,348	404	12.1	12	.3	2,932	87.6	231	6.9	2,701	80.7
1982	2,972	369	12.4	10	.4	2,593	87.2	195	6.5	2,398	80.7
1983	3,618	377	10.4	14	.4	3,227	89.2	196	5.4	3,031	83.8

[1] Rayon and acetate. [2] Nylon, polyester, acrylic, olefin, saran, spandex, and textile glass. [3] Includes consumer-type products.

No. 1359. Filament Yarn and Staple and Tow Shipments and Trade: 1980 to 1983

[In millions of pounds]

Shipments	1980	1982	1983	Trade	1980	1982	1983
Filament yarn, total	**3,763.2**	**3,046.4**	**3,582.8**	**Exports, total**	**617.5**	**336.2**	**279.6**
Acetate	269.2	169.0	197.6	Man-made fibers	351.8	215.0	183.9
Nylon	1,538.9	1,165.6	1,392.4	Cellulosic	30.8	18.6	17.0
Polyester	1,363.4	1,134.8	1,294.4	Yarn	20.0	11.7	11.0
Olefin	611.7	577.0	698.6	Staple	10.8	6.9	6.0
				Noncellulosic	321.0	196.4	166.9
Staple and tow, total [1]	**3,873.2**	**3,331.3**	**4,005.4**	Yarn	141.0	82.5	70.0
Rayon	390.7	293.7	333.5	Staple	180.0	113.9	96.9
Nylon	711.2	673.3	897.1	Cotton	259.3	114.9	90.6
Acrylic and modacrylic	585.3	457.9	492.2	Wool	6.4	6.3	5.1
Polyester	2,071.0	1,767.5	2,099.2	**Imports, total**	**214.6**	**291.5**	**434.6**

[1] Includes items not shown separately.

Source of tables 1358 and 1359: Textile Economics Bureau, Inc., Roseland, NJ, *Textile Organon*, monthly. (Copyright.)

No. 1360. U.S. Imports and Exports of Textiles and Apparel Products: 1980 to 1984

[**In millions of dollars.** Excludes glass fibers, linoleum, rubber and leather apparel and clothing donated for charity. Minus sign (–) indicates deficit]

Product	1980	1983	1984	Product	1980	1983	1984
Exports	**4,458**	**2,926**	**2,601**	**Imports**	**8,139**	**11,735**	**15,315**
Textile mill products	3,457	2,255	1,956	Textile mill products	2,372	3,086	3,241
Yarn and thread	642	479	471	Yarn and thread	168	301	482
Cotton broad woven fabric	546	189	174	Cotton broad woven fabric	433	560	878
Other broad woven and knit fabric	809	467	455	Other broad woven and knit fabric	784	992	702
Narrow fabric	106	117	61	Narrow fabric	43	63	565
Special fabric	709	517	363	Special fabric	299	303	26
Made-up articles	318	216	212	Made-up articles	362	535	84
Textile floor coverings	327	270	220	Textile floor coverings	283	332	504
Apparel	1,001	671	645	Apparel	5,767	8,649	12,074
				Trade balance	**–3,681**	**–8,809**	**–2,714**

Source: U.S. Bureau of the Census, *U.S. General Imports, Schedule A Commodity by Country*, Report FT135, and *U.S. Exports, Schedule E Commodity by Country*, Report FT410, monthly.

No. 1361. Male and Female Clothing—Production: 1970 to 1983

[See also *Historical Statistics, Colonial Times to 1970,* series P 242 and 243]

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
MALE CLOTHING												
Men's suits [1]	Mil. units	17.7	16.8	13.7	15.7	17.3	17.5	17.0	14.6	13.9	11.6	11.2
Boys' suits [2]	Mil. units	4.7	2.9	2.5	2.7	3.6	4.7	4.5	3.4	3.9	3.5	3.0
Separate trousers (men's)	Mil. units	173.6	156.6	116.9	127.0	128.8	122.7	125.6	125.1	118.2	115.1	112.7
Separate coats [3]	Mil. units	16.1	21.1	13.1	14.7	17.8	16.1	18.3	17.9	18.3	20.0	21.4
Woven shirts, men's [4]	Mil. doz	20.8	20.4	17.4	17.2	18.2	15.0	14.9	13.1	13.1	11.6	10.8
Casual slacks	Mil. units	123.6	207.6	153.3	256.7	287.5	99.5	87.2	89.0	71.3	60.9	57.4
Jeans	Mil. units						191.0	225.5	242.7	214.5	140.8	219.3
Work shirts (incl. flannels)	Mil. doz	4.1	3.4	2.9	3.4	4.0	3.8	3.8	3.6	3.3	3.0	3.0
FEMALE CLOTHING												
Blouses	Mil. doz	13.3	17.2	18.3	19.7	24.7	25.6	27.5	25.6	26.2	28.7	30.9
Dresses	Mil. units	251	190	174	163	193	190	183	176	163	172	167
Suits [5]	Mil. units	8.6	7.8	9.0	33.6	36.5	32.1	24.9	17.6	13.3	13.8	13.0
Slacks	Mil. doz	9.4	18.6	18.3	18.3	18.6	12.4	18.6	18.4	19.8	14.1	14.8
Jeans	Mil. doz						4.4	5.5	5.7	8.2	6.8	7.9
Skirts	Mil. doz	6.9	4.4	4.3	4.7	5.4	5.8	5.6	5.8	8.2	8.7	8.6
Untrimmed coats	Mil. units	17.0	20.5	18.4	19.7	19.0	18.9	18.4	17.0	14.5	12.4	12.7
Fur-trimmed coats	Mil. units	4.7										
Knit outerwear: Sweaters	Mil. doz	5.3	6.3	6.6	6.1	6.6	5.9	4.9	4.1	6.8	6.0	6.1
Sport shirts	Mil. doz	4.0	7.4	7.8	8.4	11.7	11.0	10.7	10.0	8.6	12.2	9.6

[1] Beginning 1975, excludes leisure suits. [2] Includes uniform suits and coats. [3] Includes men's and boys' coats. Beginning 1975, excludes leisure coats. [4] Includes knit and woven dress and woven sport. [5] Beginning 1977, includes pant suits.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* series MA-23E, MA-23F, and MA-23G.

No. 1362. Nonrubber Footwear—Summary: 1965 to 1983

[In millions of pairs, except as indicated. See *Historical Statistics, Colonial Times to 1970,* series P 260-261, for men's and women's shoes]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Apparent consumption	**711.3**	**801.7**	**727.9**	**786.3**	**745.7**	**787.7**	**832.9**	**745.1**	**729.8**	**829.7**	**917.0**
Production, shoes and slippers	626.2	562.3	413.1	422.5	391.1	418.9	398.4	396.9	372.0	359.1	344.3
Percent exported	.4	.4	1.1	1.4	1.3	1.7	2.3	1.6	2.6	2.2	2.3
Value (bil. dol.)	2.5	2.9	3.1	3.5	[1] 3.7	3.8	4.3	4.7	4.5	4.6	4.8
Shoes, sandals, playshoes (production) [2]	533.2	460.8	339.1	355.5	332.0	335.6	320.6	323.5	302.2	305.1	288.1
Men's, youths', boys'	143.8	149.5	121.2	128.1	116.8	116.8	103.8	102.5	98.5	89.1	89.6
Women's	280.0	230.2	154.1	155.9	145.0	145.4	145.9	143.1	135.1	142.5	131.2
Misses'	36.5	23.2	13.1	15.6	13.2	13.1	13.7	11.3	9.9	8.5	7.5
Children's	33.5	25.9	18.5	21.0	18.3	16.2	13.9	14.2	12.9	13.2	11.4
Infants' and babies'	32.5	29.0	24.2	24.9	22.7	23.2	22.8	23.7	23.6	25.4	23.4
Athletic shoes	7.0	9.0	7.9	10.1	16.0	20.9	20.5	24.4	17.8	19.9	19.1
Imports	87.6	241.5	319.4	369.8	360.0	375.7	443.6	403.5	369.0	479.5	580.2
Percent of total consumption	12.3	30.1	43.9	47.0	48.3	47.7	53.3	51.6	50.6	57.8	63.3

[1] Source: U.S. Bureau of the Census, *Census of Manufactures, 1977.* [2] Beginning 1980, includes items not shown separately.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports,* series M31A.

No. 1363. Chemicals and Allied Products—Industry Summary: 1972 to 1982

[In millions of dollars, except as noted]

ITEM	1972	1974	1975	1976	1977	1978	1979	1980	1981	1982 [1]
Employment, total (1,000)	837	865	842	851	880	896	895	910	892	866
Salaries and wages	8,731	10,547	11,227	12,365	13,839	15,287	16,516	18,269	19,723	20,675
Production workers (1,000)	525	542	510	520	544	548	552	545	533	504
Average hourly earnings (dol.)	4.51	5.25	5.85	6.32	6.83	7.42	8.00	8.78	9.59	10.52
Work-hours (million)	1,054	1,085	1,001	1,032	1,090	1,099	1,106	1,080	1,067	995
Workers wages	4,754	5,697	5,858	6,518	7,446	8,156	8,850	9,483	10,230	10,464
Value added	32,414	44,488	44,976	51,408	56,721	61,506	70,356	74,384	80,032	67,860
Supplemental labor cost	1,350	1,872	2,094	2,430	2,892	3,316	3,750	4,160	4,675	5,020
Cost of materials	25,086	41,467	45,151	53,725	62,294	68,352	78,292	89,332	102,329	91,986
Value of shipments [2]	57,350	83,801	89,721	104,139	118,154	129,357	147,674	162,517	180,459	170,085
New capital expenditures	2,728	4,957	6,353	7,122	8,199	7,919	7,976	8,770	9,471	9,080
Inventories	7,107	11,672	12,073	13,214	14,324	15,736	17,323	19,622	21,987	23,833
Assets, total	38,812	44,671	50,565	56,230	65,300	71,712	76,148	82,112	88,769	95,096
Rents, total	293	390	453	487	513	531	542	597	659	644
Export value	4,172	8,833	8,612	9,831	10,654	12,626	17,466	21,095	21,659	20,021
Import value	1,748	3,196	3,099	3,786	4,412	5,593	6,050	7,003	7,871	7,655
Ratio of:										
Cost of materials, supplemental labor cost, and salaries and wages to value of shipments	.61	.64	.65	.66	.67	.67	.67	.69	.70	.69
Cost of materials to value of shipments	.44	.49	.50	.52	.53	.53	.53	.55	.57	.54
Value added to value of shipments	.57	.54	.50	.49	.49	.48	.48	.46	.44	.40
Value added to work-hours	30.8	41.0	44.9	49.8	52.0	56.0	63.6	68.9	75.0	68.2

[1] Estimated. [2] Value of products and services sold by 28 group industries.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972, 1977* and *1982;* and *Annual Survey of Manufactures.*

No. 1364. Chemicals—Production, by Kind: 1982 and 1983

[**In thousands of short tons, except as indicated.** Data for chemicals shown are restricted to a selected group composed for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Includes data for chemicals produced by Tennessee Valley Authority, and by Government-owned privately operated plants. See *Historical Statistics, Colonial Times to 1970*, series P 248, 249, and 251, for sodium hydroxide, ammonia (anhydrous), and sulfuric acid, respectively]

CHEMICAL	1982	1983	CHEMICAL	1982	1983
Acetylene [1] (mil. cu. ft.)	3,824	3,737	Nitric acid (100% HNO_3)	7,390	6,768
Aluminum sulfate (17% Al_2O_3) [2]	1,154	1,103	Nitrogen (100%) (bil. cu. ft.)	483	560
Iron free	77	90	Nitrogen solutions (100% N) (bil. cu. ft.)	*2,786*	*2,198*
Ammonia, synthetic anhydrous	15,807	14,077	Oxygen (bil. cu. ft.)	349	343
Ammonium nitrate, original solution (100% NH_4NO_3)	7,091	6,240	Phosphoric acid (100% P_2O_5)	8,253	9,767
Ammonium sulfate, synthetic (technical) [3]	1,768	1,956	Phosphorus (white and red)	361	366
Argon, refined (mil. cu. ft.)	7,368	8,284	Potassium hydroxide (88–92% KOH)	209	216
Calcium carbide (commercial)	193	205	Potassium pyrophosphate (100% $K_4P_2O_7$)	18	18
			Sodium bichromate and chromate	123	129
Calcium phosphate dibasic (100% $CaHPO_4$)	795	841			
Carbon, activated [4]	108	108	Sodium chlorate (100% $NaClO_3$)	291	310
Carbon dioxide (liquid, gas, and solid) [5]	2,987	3,210	Sodium hydroxide (caustic soda) (100% NaOH)	9,385	10,039
Chlorine, gas [6]	9,176	9,864	Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous) [8]	664	726
Chrome, yellow and orange (C.P.)	20	22			
Chrome orange, molybdate (C.P.)	7	6	Sodium sulfate:		
Hydrochloric acid (100% HCl)	2,450	2,420	High purity (more than 99% Na_2SO_4)	401	453
Hydrofluoric acid, anhydrous and aqueous (100% HF)	136	192	Glauber's salt (100% $Na_2SO_4 \cdot 10H_2O$)	463	460
			Sulfuric acid gross [9] (mil. sh. tons)	33	37
Hydrogen [7] (bil. cu. ft.)	88	100	Titanium dioxide [10] (100% TiO_2)	660	760
Hydrogen peroxide (100% by weight)	108	117			

[1] Excludes quantities of acetylene produced and consumed by railroad shops, shipyards, and small establishments using portable generators. [2] Commercial; includes quantities produced and consumed by municipalities. [3] Excludes byproduct coke-oven production. [4] Includes data for decolorizing and water purification grades only. [5] Excludes quantities produced and consumed in plants manufacturing soda ash or urea for gas only. [6] Total production, including quantities liquefied for use, storage, or shipment. [7] Excludes quantities produced and consumed in manufacture of methanol and ammonia, produced by ammonia dissociation process, or disposed of as waste, e.g. vented, used as fuel, etc. Excludes amounts of hydrogen produced in petroleum refineries for captive use. [8] Excludes amounts produced and consumed in making meta-, ortho-, and sesquisilicates. [9] 100% H_2SO_4. Includes sulfuric acid of oleum grades. [10] Composite and pure.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA28A, MA28B, and MA28C.

No. 1365. Petroleum and Coal Products—Shipments and Inventories: 1977 to 1982

[**In millions of dollars.** See also table 1252]

ITEM AND PRODUCT	1977	1981	1982, prel.	ITEM AND PRODUCT	1977	1981	1982, prel.
Shipments, total	**93,947**	**216,383**	**201,035**	Petroleum refining [1]—Con.			
				Unfinished oils [2]	2,888	6,992	6,016
Petroleum refining [1]	88,590	207,555	192,125	Asphalt	2,217	3,317	2,984
Gasoline	41,840	101,940	95,088	Other petroleum products, and refinery products	4,870	11,738	8,452
Jet fuel	5,359	14,802	15,412	Paving mixtures and blocks	1,519	2,278	2,832
Kerosene	893	1,704	1,887	Asphalt felts and coatings	1,829	2,764	2,644
Light fuel oil	17,509	37,436	37,303	Lubricating oils [3]	1,514	2,897	2,725
Heavy oil	6,794	14,228	11,348	*Other*	495	889	709
Liquefied refinery gases	4,501	11,555	8,685	**Inventories, total** [4]	**5,656**	**10,563**	(NA)
Lubricating oils and greases	1,719	3,841	2,952	Petroleum refining	5,196	9,686	(NA)

NA Not available. [1] Petroleum refining by product class. [2] Includes lubricating oils base stock. [3] Includes greases not made in refining. [4] Includes lubricating oils and greases from purchased materials. Inventories as of end of reporting year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, MC 77-1-29A; *Annual Survey of Manufactures;* and *1982 Census of Manufactures.*

No. 1366. Rubber—New Supply, Distribution, and Stocks: 1970 to 1983

[**In thousands of long tons.** Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises SBR (including weight of oil content), neoprene, butyl, butadiene-acrylonitrile, polyisobutylene, chlorosulfonated polyethylene, and polysulfide, silicone, acrylic, stereo, and fluorocarbon rubbers. Reclaimed comprises both natural and synthetic]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
New supply	**3,042**	**3,547**	**3,285**	**2,826**	**3,332**	**2,557**	**3,772**	**3,816**	**3,137**	**3,147**	**2,649**	**2,688**
Domestic production [1]	2,398	2,768	2,492	2,077	2,496	2,600	2,830	2,889	2,294	2,277	1,861	2,027
Synthetic	2,197	2,566	2,358	1,958	2,387	2,481	2,705	2,764	2,209	2,190	1,788	1,953
Imports [2]	644	779	793	749	836	957	943	927	843	870	788	861
Natural	550	643	682	658	714	793	771	769	650	700	640	766
Exports [2]	**324**	**316**	**305**	**250**	**303**	**275**	**302**	**437**	**494**	**405**	**338**	**304**
Synthetic	299	295	284	226	281	252	284	416	472	389	325	289
Stocks, end of year [1]	**645**	**629**	**644**	**528**	**642**	**582**	**606**	**370**	**279**	**299**	**235**	**223**

[1] Includes reclaimed and synthetic. [2] Natural, synthetic and reclaimed.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-30A.

No. 1367. Iron and Steel Industry—Summary: 1965 to 1983

[The universe for financial data for 1982 represents companies who produced 82 percent of the reported raw steel production. The user should recognize that many of these companies produce and sell products and services other than those related to the steel industry; therefore the financial data reported represents the total operations of the steel companies. Minus sign (−) indicates net loss]

ITEM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Steel mill products, apparent supply	Mil. tons [1]	100.6	97.1	89.0	108.4	116.6	115.0	95.2	105.4	76.4	83.5
Net shipments	Mil. tons [1]	92.7	90.8	80.0	91.1	97.9	100.3	83.9	88.5	61.6	67.6
Exports	Mil. tons [1]	2.5	7.1	3.0	2.0	2.4	2.8	4.1	2.9	1.8	1.2
Imports	Mil. tons [1]	10.4	13.4	12.0	19.3	21.1	17.5	15.5	19.9	16.7	17.1
Percent of total supply	Percent	10.3	13.8	13.5	17.8	18.1	15.2	16.3	18.9	21.8	20.5
Japan	Percent	(NA)	(NA)	6.6	7.2	5.6	5.5	6.3	5.9	6.8	5.1
EEC [2]	Percent	(NA)	(NA)	4.6	6.3	6.4	4.7	4.1	6.1	7.3	4.9
Canada	Percent	(NA)	(NA)	1.1	1.7	2.0	2.0	2.5	2.7	2.4	2.9
Scrap consumed	Mil. tons [1]	69.8	69.3	62.8	69.3	76.3	77.2	66.6	68.3	43.7	48.0
Scrap produced	Mil. tons [1]	46.7	46.4	40.1	42.4	44.8	45.4	38.9	38.4	23.5	23.6
Scrap inventory	Mil. tons [1]	6.0	6.5	7.6	7.7	6.9	7.4	6.9	7.1	5.5	5.0
Iron and steel products: Exports	Mil. tons [1]	3.1	8.1	4.1	3.2	3.5	3.8	5.1	3.8	2.6	1.8
Imports	Mil. tons [1]	12.0	14.6	13.9	21.7	24.1	20.3	17.9	22.6	18.8	19.3
Revenue	Bil. dol.	18.0	19.3	33.7	39.7	49.5	55.7	53.8	61.5	53.3	49.2
Net income	Bil. dol.	1.1	.5	1.6	(Z)	1.2	1.2	1.7	2.6	−3.2	−3.6
Stockholders' equity [3]	Bil. dol.	12.0	13.0	16.2	18.0	17.6	17.7	18.1	19.5	21.4	18.1
Total assets	Bil. dol.	18.8	23.6	30.4	35.4	38.4	40.2	43.7	47.1	49.7	49.0
Net fixed assets	Bil. dol.	10.0	14.1	16.9	19.7	20.3	21.3	22.4	22.9	29.8	29.8
Capital expenditures	Bil. dol.	1.8	1.7	3.2	2.9	2.5	3.3	3.4	3.4	4.2	3.2
Working capital ratio [4]	Ratio	2.4	1.9	2.0	1.8	1.8	1.7	1.7	1.8	1.5	1.4
Inventories	Bil. dol.	3.2	1.1	5.4	5.9	6.5	6.9	6.8	8.0	8.1	8.0
Average employment	1,000	584	531	457	452	449	453	399	391	289	243
Hours worked	Million	1,421	1,220	855	876	892	894	758	753	526	475
Index of output all employees [5]	1977=100	87	88	93	100	108	107	103	112	91	119
Capacity by steelmaking process	Mil. net tons	(NA)	(NA)	153.1	160.0	157.9	155.3	153.7	154.3	154.0	150.6
Producer price indexes: [6]											
Iron and steel, total	1967=100	97.9	115.1	200.9	230.4	253.6	283.5	305.2	333.8	339.0	343.4
Steel mill products	1967=100	97.5	114.2	197.2	229.9	254.5	280.4	302.7	337.6	349.5	352.8
Blast and electric furnace products	1967=100	100.3	114.8	264.7	257.1	260.0	296.7	307.4	316.2	316.6	309.3
Iron ore	1967=100	100.7	100.1	154.3	186.1	194.9	216.7	244.8	268.4	278.7	282.1
Scrap, iron and steel	1967=100	112.6	138.8	245.6	231.2	264.6	341.9	328.1	327.4	232.9	250.1
Foundry and forge shop products	1967=100	94.6	112.1	194.3	230.5	249.5	277.1	310.0	329.8	345.5	351.1

NA Not available. Z Less than $50 million. [1] In millions of short tons. [2] European Economic Community; includes Belgium, Denmark, France, Fed. Rep. of Germany, Ireland, Italy, Luxembourg, The Netherlands, and the United Kingdom. [3] 1965 and 1970, as of December 31; thereafter, as of January 1. [4] Current assets to current liabilities. [5] Index of output per employee hour. [6] Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes*, monthly and annual.

Source: Except as noted, American Iron and Steel Institute, Washington, DC, *Annual Statistical Report*. (Copyright.)

No. 1368. Mill and Foundry Products—Shipments: 1970 to 1984

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984, prel.
Ferrous castings (1,000 sh. tons): [1]									
Gray iron castings [2 3 4]	13,945	13,328	16,124	15,402	11,799	11,801	8,215	9,247	10,615
Pressure pipe and fittings	1,691	1,380	1,690	1,546	1,396	1,249	1,100	1,268	1,535
Soil pipe and fittings	953	449	512	482	375	410	353	368	384
All other	11,301	11,499	13,922	13,374	10,028	10,142	6,762	6,049	7,143
Malleable iron castings [2]	852	770	790	715	450	422	284	291	359
For sale	521	484	455	376	206	200	119	98	157
For own use	331	286	335	339	244	222	166	193	202
Standard malleable	628	534	542	496	312	291	191	191	246
Pearlitic malleable	224	236	248	219	138	129	94	100	113
Steel castings [2 3]	1,724	2,026	1,857	2,039	1,878	1,743	1,017	729	962
Carbon	1,147	1,758	1,675	1,342	1,225	1,102	609	420	589
Alloy	577	268	182	697	653	641	408	309	373
Nonferrous castings (1,000 sh. tons): [2 3]									
Copper and copper-base alloy	440	350	372	396	296	290	228	276	313
Aluminum and aluminum-base alloy	771	728	1,143	1,151	845	910	803	911	915
Zinc and zinc-base alloy	398	356	380	332	243	235	203	258	283
Magnesium and magnesium-base alloy	18	19	25	14	13	11	9	12	2
Lead and lead-base alloy die [5]	28	21	23	22	23	19	19	25	26
Copper-based products (mil. lb.)	**5,769**	**4,827**	**6,429**	**6,883**	**5,889**	**6,097**	**4,897**	**4,985**	**5,480**
Brass mill products	2,513	2,025	2,712	2,976	2,467	2,622	2,014	2,116	2,717
Alloyed [6]	1,542	1,324	1,750	1,869	1,508	1,695	1,247	1,245	1,658
Unalloyed	971	701	962	1,107	959	927	767	876	1,056
Copper wire mill products [7]	2,329	2,056	2,911	3,048	2,783	2,847	2,393	2,285	2,138
Brass and bronze foundry products	880	700	743	793	592	581	456	552	625
Aluminum mill products (mil. lb.) [8]	**7,358**	**7,427**	**11,346**	**11,241**	**10,485**	**10,329**	**9,116**	**10,624**	**11,065**
Plate, sheet, and foil	4,247	4,664	7,285	7,205	6,692	6,829	6,060	7,171	7,206
Extruded shapes and tubing	1,823	1,643	2,509	2,426	2,329	2,104	1,961	1,980	2,248
Rolled structural shapes, rod, bar, cable [9]	983	924	1,280	1,337	1,213	1,150	862	936	1,010
Powder, flake and paste	205	99	136	126	117	108	80	79	99
Forgings and impacts	120	97	136	147	134	139	[10] 152	173	204

[1] Based on a sample of foundries. [2] Beginning 1975, data not strictly comparable with 1970. [3] Includes shipments "for own use." [4] Includes ductile (nodular) iron castings. [5] Excludes lead die castings for battery plates and parts. [6] Excludes webbing scrap (military ammunition cups and discs). [7] Copper content. [8] Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products. [9] Includes wire. [10] Includes welded tubes.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M33-2, M33A, M33E, and U.S. Bureau of the Census and U.S. International Trade Commission, *Current Industrial Reports*, series ITA-9008, annual.

No. 1369. Raw Steel, Pig Iron and Ferroalloys Production: 1970 to 1984

[**In millions, except percent.** See also *Historical Statistics, Colonial Times to 1970*, series P 265–269]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
RAW STEEL (net tons)												
World production	654.2	782.8	712.0	745.6	741.8	790.6	824.5	790.4	779.4	710.7	730.9	782.2
U.S. production	131.5	145.7	116.6	128.0	125.3	137.0	136.3	111.8	120.8	74.6	84.6	92.5
Percent of world	20.1	18.6	16.4	17.2	16.9	17.3	16.5	14.2	15.5	10.5	11.6	11.8
Basic oxygen process	63.3	81.6	71.8	79.9	77.4	83.5	83.3	67.6	73.2	45.3	52.1	52.8
Electric	20.2	28.7	22.7	24.6	27.9	32.2	33.9	31.2	34.1	23.2	26.6	31.4
Open hearth	48.0	35.5	22.2	23.5	20.0	21.3	19.1	13.0	13.5	6.1	5.9	8.3
Carbon	117.4	126.6	100.4	112.0	108.1	116.9	116.2	94.7	101.5	64.1	73.8	79.9
Alloy and stainless	14.1	19.1	16.3	16.0	17.2	20.1	20.1	17.1	19.3	10.5	10.8	12.6
PIG IRON AND FERROALLOYS (sh. ton)												
Total production [1]	**93.5**	**95.9**	**79.9**	**86.9**	**81.3**	**87.7**	**87.0**	**68.7**	**73.6**	**43.3**	**48.7**	**51.9**
Basic	86.4	91.2	75.9	82.9	78.2	84.5	84.0	67.0	71.2	42.6	48.1	51.1
All other	7.1	4.7	4.0	4.0	3.1	3.2	3.0	1.7	2.4	1.2	.6	.8

[1] Beginning 1974, includes blast furnace ferroalloys.

No. 1370. Steel Products—Net Shipments, by Market Classes: 1970 to 1984

[**In thousands of short tons.** Comprises carbon, alloy, and stainless steel. "N.e.c." means not elsewhere classified]

MARKET CLASS	1970	1975	1978	1979	1980	1981	1982	1983	1984
Total [1]	**90,798**	**79,957**	**97,935**	**100,262**	**83,853**	**88,450**	**61,567**	**67,583**	**73,739**
Automotive	14,475	15,214	21,253	18,621	12,124	13,154	9,288	12,320	12,882
Steel service centers, distributors	16,025	12,700	17,333	16,246	16,172	17,637	13,067	16,710	16,364
Construction, incl. maintenance	8,913	8,119	9,612	9,978	8,742	8,446	6,283	7,271	7,522
Containers, packaging, shipping	7,775	6,053	6,595	6,772	5,551	5,292	4,470	4,532	4,362
Machinery, industrial equipment, tools	5,169	5,173	5,992	5,996	4,543	4,624	2,584	2,484	2,886
Steel for converting and processing	3,443	3,255	4,612	5,058	4,117	5,058	3,222	4,403	5,136
Rail transportation	3,098	3,152	3,549	4,111	3,155	2,162	1,020	937	1,438
Contractors' products	4,440	3,927	3,480	3,745	3,148	3,230	2,267	2,703	2,631
Oil and gas industries	3,550	4,171	4,140	3,739	5,371	6,238	2,745	1,296	2,003
Electrical equipment	2,694	2,173	2,811	2,819	2,441	2,600	2,003	2,337	2,365
Appliances, utensils, and cutlery	2,160	1,653	2,094	2,140	1,725	1,775	1,337	1,618	1,635
Other domestic commercial equipment	1,778	1,390	1,889	2,073	1,701	1,622	1,247	1,363	1,339
Agricultural, incl. machinery	1,126	1,429	1,805	1,971	1,240	1,229	944	699	673
Independent forgers, n.e.c.	1,048	1,098	1,192	1,254	933	1,035	579	573	775
Shipbuilding and marine equipment	859	1,413	845	924	1,201	1,101	399	471	471

[1] Total includes market classes not shown and nonclassified shipments.

Source of tables 1369 and 1370: American Iron and Steel Institute, Washington, DC, *Annual Statistical Report*. (Copyright.)

No. 1371. Machine Tool Orders and Shipments: 1965 to 1984

[**In millions of dollars.** These data represent total industry volume based on reports from members of the National Machine Tool Builders' Association. The reporting companies produce about 90 percent of the U.S. machine tool output]

YEAR	METAL CUTTING TYPE TOOLS					METAL FORMING TYPE TOOLS				
	New orders (net)		Shipments		Order backlog, end of period	New orders (net)		Shipments		Order backlog, end of period
	Total	Domestic	Total	Domestic		Total	Domestic	Total	Domestic	
1965	1,252	1,123	1,023	886	899	442	410	403	363	412
1966	1,630	1,483	1,222	1,098	1,307	446	401	463	437	394
1967	1,135	1,025	1,353	1,211	1,089	287	248	453	407	228
1968	1,079	960	1,358	1,238	810	395	361	369	324	255
1969	1,195	1,033	1,192	1,077	812	533	484	405	369	383
1970	651	507	993	827	471	261	227	450	412	235
1971	609	524	672	554	408	252	223	326	286	162
1972	1,009	877	714	827	702	403	368	304	267	261
1973	1,825	1,550	1,074	935	1,454	787	717	427	388	621
1974	2,017	1,716	1,446	1,241	2,025	566	406	585	522	521
1975	916	781	1,879	1,548	1,062	361	213	573	485	219
1976	1,662	1,477	1,482	1,270	1,242	541	509	578	474	209
1977	2,202	1,981	1,651	1,470	1,794	793	731	630	560	384
1978	3,373	3,043	2,189	1,960	2,981	973	897	825	729	518
1979	4,495	3,866	2,930	2,606	4,546	1,126	920	947	860	619
1980	3,885	3,496	3,681	3,206	4,750	870	665	1,011	879	385
1981	2,228	1,946	4,105	3,552	2,873	717	617	991	824	427
1982	1,064	890	2,895	2,599	1,043	433	372	710	600	151
1983	1,152	1,069	1,372	1,200	823	545	489	474	430	222
1984	1,916	1,700	1,607	1,484	1,132	1,000	932	679	609	542

Source: National Machine Tool Builders Association, McLean, VA; data published in U.S. Bureau of Economic Analysis, *Business Statistics, 1979*, for 1965–1978; thereafter, *Survey of Current Business*, monthly.

No. 1372. Machine Tools Industry—Summary: 1977 to 1983

[In millions of dollars, except as noted. Included in SIC 3541 and 3542]

ITEM	METAL CUTTING					METAL FORMING				
	1977	1979	1981	1982	1983	1977	1979	1981	1982	1983
Employment, total (1,000)	59.4	69.1	74.3	58.3	43.0	23.7	27.0	24.0	19.5	15.3
Salaries and wages	949.0	1,304.1	1,633.0	1,335.0	997.1	360.7	485.6	496.8	438.1	357.0
Production workers (1,000)	37.2	45.7	47.9	33.9	24.5	16.1	18.7	16.0	12.1	9.6
Work-hours (million)	76.3	95.9	98.5	63.6	45.9	32.8	37.5	30.8	23.2	17.8
Workers wages	540.7	786.9	964.1	709.2	512.1	219.4	305.1	294.9	245.3	196.0
Value added	1,866.1	2,833.8	3,739.9	2,516.2	1,612.7	721.9	1,004.0	976.5	777.8	629.6
Supplemental labor cost	191.4	288.4	355.9	329.2	275.5	73.5	104.1	113.3	113.1	176.0
Cost of materials	1,047.7	1,736.9	2,181.3	1,598.3	1,100.0	444.0	687.0	662.7	574.6	454.9
Shipments, value [1]	2,812.7	4,389.0	5,865.3	4,411.5	2,880.9	1,130.6	1,663.5	1,615.7	1,428.7	1,142.3
New capital expenditures	80.4	147.6	233.2	157.7	104.8	24.7	58.1	63.0	43.4	28.1
Inventories	877.9	1,242.2	1,485.5	1,435.5	1,281.6	359.6	447.0	478.7	511.5	431.6
Assets, total	1,034.6	1,333.1	1,626.9	1,687.4	1,677.2	443.3	566.2	636.0	741.6	639.1
Rents, total	19.8	22.6	30.6	30.9	24.4	7.6	9.2	9.6	9.3	7.6
Exports, value	317.7	550.3	978.9	654.1	435.1	207.1	343.3	471.4	371.9	261.7
Imports, value	383.3	984.6	1,497.9	1,271.3	839.3	93.0	236.4	224.3	228.5	253.9

[1] See footnote 7, table 1334.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977* and *1982*; and *Annual Survey of Manufactures.*

No. 1373. Robots, Accessories, and Components—Shipments, Units, and Value: 1984

[Based on a survey of all known manufacturers of robots, robot accessories, and components. Approximately 75 companies reported shipments in 1984. Shipment value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges, and returns. A robot is a reprogrammable multi-functional manipulator designed to move materials, parts, tools, or specialized devices through variable programmed motions for the performance of a variety of tasks. Robots are presently classified in the Standard Industrial Classification (SIC) based on their primary industrial function]

ITEM	Number of units shipped	Value of shipments ($1,000)	ITEM	Number of units shipped	Value of shipments ($1,000)
Robots, robot accessories, and components	(X)	357,744	Continuous—path type—con.		
Robots, complete	5,535	306,746	Fettling, grinding, polishing, and/or deburring [3]	375	24,293
Servo-controlled robots	3,690	287,928	Nonservo-controlled robots	541	15,525
Point-to-point type:			Other robots	1,304	3,293
Welding, soldering, brazing, and/or cutting (welding type)	1,139	102,391	Robot accessories, subassemblies, components, and parts, sold separately	(X)	50,998
Foundry, forging, and/or heat treating [1]	20	1,851	End-of-arm tooling for robots	(X)	1,280
Machine tool loading and/or unloading	202	10,870	Vision, sonic, force, tactile, and proximity sensors	(X)	15,182
Assembly for non-electronic and electronic products	613	29,155	Interface modules	(X)	2,239
Material handling and/or parts transfer, n.e.c. [2]	470	34,362	Compliance devices [4]	(X)	8,526
Other point-to-point type, n.e.c. [2]	86	4,384	Robot accessories, subassemblies, components, and parts, n.e.c. [2]	(X)	23,771
Continuous-path type:			Miscellaneous receipts:		
Welding, soldering, brazing, and/or cutting (welding type)	335	21,827	Research and development, testing, and evaluation of systems and components (receipts and billings, not reported as shipments of specific products)	(X)	14,434
Spraying, painting, gluing, and/or sealing	450	58,795			

X Not applicable. [1] Includes inspection, measuring, gauging, and/or sorting. [2] N.e.c.=Not elsewhere classified. [3] Includes other continuous-path type, not elsewhere classified. [4] Includes joint locating and guidance systems for welding and guarding and safety devices.

Souce: U.S. Bureau of the Census, *Current Industrial Reports*, series MA 35X(84-1).

No. 1374. Electronics Shipments: 1975 to 1983

[In millions of dollars, except percent. Minus sign (−) indicates decrease]

TYPE OF ELECTRONICS	1975	1976	1977	1978	1979	1980	1981	1982	1983
VALUE									
Total	**42,269**	**50,183**	**60,383**	**72,981**	**88,285**	**105,577**	**121,181**	**127,464**	**143,837**
Computers and industrial electronics	13,457	16,865	20,164	25,697	32,412	38,996	47,225	51,002	56,465
Communications equip. and systems	14,302	15,695	19,041	21,737	25,734	30,772	35,659	37,826	42,270
Electronic components	9,286	10,884	13,033	16,440	20,780	24,918	26,330	26,807	30,932
Consumer electronics	5,224	6,739	8,145	9,107	9,359	10,891	12,453	12,516	14,575
ANNUAL PERCENT CHANGE									
Total	**−.6**	**18.7**	**20.3**	**20.9**	**21.0**	**19.6**	**14.8**	**5.2**	**12.8**
Computers and industrial electronics	3.5	25.3	19.6	27.4	26.1	20.3	21.1	8.0	10.7
Communications equip. and systems	9.5	9.7	21.3	14.2	18.4	19.6	15.9	6.1	11.7
Electronic components	−10.7	17.2	19.7	26.1	26.4	19.9	5.7	1.8	15.4
Consumer electronics	−13.8	29.0	20.9	11.8	2.8	16.4	14.3	.5	16.5

Source: Electronic Industries Association, Washington, DC, *Electronic Market Data Book*, annual.

No. 1375. Industrial Electronic Equipment—Shipments by Type: 1975 to 1983

[In millions of dollars]

TYPE OF EQUIPMENT	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total [1]	**13,457**	**16,865**	**20,164**	**25,697**	**32,412**	**38,996**	**47,225**	**51,002**	**56,425**
Computer and peripheral equipment	7,476	9,900	11,706	15,117	19,665	24,320	29,099	31,545	36,500
Computers	2,123	2,814	3,299	5,254	6,908	8,077	10,786	11,336	13,150
Peripheral equipment	3,732	5,035	6,015	7,116	8,976	11,730	14,015	14,659	16,150
Auxiliary storage equipment	937	1,516	2,024	2,472	3,090	3,956	4,274	4,033	3,800
Serial access storage	387	441	589	723	667	743	777	918	1,150
Magnetic storage media:									
Disks: Rigid	(2)	(2)	146	98	141	217	235	298	400
Flexible (floppy)	(2)	(2)	76	74	138	212	277	411	600
Computer tape, cassette, cartridge, drum, etc	260	243	(NA)	47	53	115	108	144	170
Computer terminals:									
General purpose:									
Single CRT	413	731	760	885	1,303	2,035	1,892	2,021	2,250
Teleprinters	277	321	335	332	360	491	638	692	770
Special purpose, including graphic	103	217	177	196	267	325	553	653	810
Parts for electronic computers	479	757	940	1,288	1,586	1,503	1,652	2,250	3,000
Parts for peripheral equipment	1,144	1,294	1,452	1,459	2,196	3,010	2,646	3,299	4,200
Controlling, processing equipment	2,492	2,640	3,102	3,793	4,417	5,084	6,107	5,869	5,380
Testing, measuring equipment	1,552	1,598	1,922	2,483	3,125	3,584	4,144	4,478	4,800
Medical electronic equipment	829	1,283	1,715	2,189	2,481	2,703	3,380	3,917	4,400
Nuclear electronic equipment	292	312	351	427	419	384	447	427	410

NA Not available. [1] Includes other types of equipment not shown separately. [2] Combined with "Computer tape, cassette, cartridge, drum, etc."

No. 1376. Consumer Electronic Products—Shipments, by Type: 1975 to 1984

[In millions of dollars]

PRODUCT	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	**5,224**	**6,739**	**8,145**	**9,107**	**9,359**	**10,891**	**12,453**	**12,516**	**14,575**	**17,758**
Color TV receivers	2,268	2,755	3,289	3,674	3,665	4,210	4,349	4,253	5,002	5,538
Video cassette recorders	34	65	180	326	389	621	1,127	1,303	2,162	3,585
Car audio[1]	355	497	534	582	623	1,368	2,000	2,100	1,900	2,484
Separate audio components	652	1,027	1,275	1,143	1,178	1,424	1,363	1,181	1,268	913
Portable audio tape equipment[2]	653	1,055	1,208	1,649	1,739	1,403	1,157	971	1,102	1,191
Audio systems[3]	474	489	606	748	748	809	720	573	630	976
Blank video cassettes	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	357	580	931
Home radio	372	356	523	436	436	468	501	530	565	661
Monochrome TV receivers	416	495	530	549	561	588	505	507	465	419
Color cameras	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	147	232	303	355
Projection TV	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	287	236	268	385
Blank audio cassettes	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	242	219	249	275
Video disc players	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	55	54	81	45

NA Not available. [1] Prior to 1980, data reflects factory installed products only. [2] Prior to 1980, data includes some tape equipment other than protable. [3] Prior to 1981, data includes console phonographs.

Source of tables 1375 and 1376: Electronic Industries Association, Washington, DC, *Electronic Market Data Book*, annual.

No. 1377. Machinery (Except Electrical)—Industry Summary: 1977 to 1983

SIC code	INDUSTRY	1977			1982				1983		
		Employees		Value of shipments (mil. dol.)	Employees		Value of shipments (mil. dol.)	New capital expenditures (mil. dol.)	Employees		Value of shipments (mil. dol.)
		Number (1,000)	Payroll (mil. dol.)		Number (1,000)	Payroll (mil. dol.)			Number (1,000)	Payroll (mil. dol.)	
35	**Total**	**2,083**	**30,558**	**122,188**	**2,189**	**46,911**	**187,896**	**8,537**	**1,990**	**45,107**	**178,963**
351	Engines and turbines	130	2,238	10,426	112	2,850	13,040	728	96	2,642	12,184
352	Farm and garden machinery	151	2,197	11,857	114	2,386	13,108	392	101	2,166	11,563
353	Constr. and related machinery	333	5,097	23,682	326	7,332	32,038	1,578	247	5,795	24,762
354	Metalworking machinery	298	4,514	13,283	283	6,086	18,150	713	246	5,496	15,542
355	Special industry machinery	185	2,616	9,128	183	3,748	13,128	393	163	3,620	12,754
356	General industrial machinery	313	4,451	16,542	314	6,493	24,459	904	268	5,873	21,469
357	Office and comput. machines	259	3,949	16,842	404	9,437	43,028	2,648	421	10,621	48,173
358	Refrig. and service machinery	192	2,516	12,416	172	3,344	16,450	415	172	3,530	17,548
359	Miscellaneous machinery, except electrical	223	2,980	8,012	282	5,235	14,497	767	277	5,364	14,968

Source: U.S. Bureau of the Census, *Census of Manufactures, 1982*, and *Annual Survey of Manufactures*.

NO. 1378. ELECTRIC AND ELECTRONIC EQUIPMENT—INDUSTRY SUMMARY: 1977 TO 1983

SIC [1] code	INDUSTRY	1977			1982				1983		
		Employees		Value of shipments (mil. dol.)	Employees		Value of shipments (mil. dol.)	New capital expenditures (mil. dol.)	Employees		Value of shipments (mil. dol.)
		Number (1,000)	Payroll (mil. dol.)		Number (1,000)	Payroll (mil. dol.)			Number (1,000)	Payroll (mil. dol.)	
36	**Total**	**1,723**	**22,544**	**88,433**	**1,915**	**38,414**	**147,944**	**7,542**	**1,896**	**41,209**	**159,199**
361	Electric distributing equipment	115	1,431	5,772	105	1,995	8,108	220	99	1,956	8,026
362	Electrical industrial apparatus	198	2,543	9,591	191	3,706	13,825	680	176	3,604	13,474
363	Household appliances	162	1,898	10,737	129	2,223	12,644	305	129	2,419	14,487
364	Electric lighting and wiring equipment	165	1,925	8,357	159	2,718	12,048	340	160	2,942	13,217
365	Radio and TV receiving equipment	98	1,097	6,913	66	1,154	7,833	141	62	1,235	8,924
366	Communication equipment	459	6,995	22,744	601	13,979	46,426	2,298	606	15,404	49,931
367	Electronic components and accessories	374	4,557	15,390	516	9,770	34,517	3,013	515	10,605	37,194
369	Miscellaneous electrical equipment and supplies	152	2,098	8,930	147	2,869	12,544	510	149	3,045	13,946

[1] Standard Industrial Classification.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1982,* and *Annual Survey of Manufactures.*

NO. 1379. ELECTRONIC COMPUTING EQUIPMENT INDUSTRY—SUMMARY: 1974 TO 1983

[**In millions of dollars, except as indicated.** Data for the noncensus years (all years except 1977 and 1982) are based on sample surveys and are therefore subject to sampling errors. Included in SIC 3573. See source for further detail]

ITEM	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Employment, total (1,000)	176.7	162.5	165.7	192.7	232.1	273.9	304.6	320.7	337.9	354.4
Salaries and wages	2,222	2,292	2,451	3,004	3,814	4,777	5,916	6,951	8,053	9,130
Production workers (1,000)	86.8	73.8	71.3	85.5	102.9	122.0	134.7	136.0	140.9	150.1
Work-hours (million)	173.0	145.9	144.0	172.4	202.3	243.8	268.7	263.0	274.5	298.2
Workers wages	795	731	707	978	1,267	1,546	1,875	2,116	2,352	2,695
Value added	5,205	4,960	6,108	7,624	9,628	12,465	14,717	17,746	19,598	20,878
Supplemental labor cost	312	343	399	528	698	904	1,097	1,296	1,601	1,834
Cost of materials	4,164	3,705	4,380	5,701	7,519	9,985	12,787	14,774	17,481	21,418
Value of shipments	9,122	8,560	10,388	12,924	16,558	21,466	26,594	32,032	36,767	41,977
New capital expenditures	296	292	373	652	1,101	1,317	1,706	2,125	2,381	2,341
Inventories	2,478	2,264	2,294	3,008	3,989	5,524	6,879	7,863	8,446	9,085
Assets, total	2,085	2,232	2,353	3,042	4,076	5,196	6,790	8,451	10,177	12,169
Rents, total	74.6	82.2	95.9	112.4	147.3	204.1	250.6	292.4	355.5	434.2
Ratio of—										
Cost of materials, supplemental labor cost, and salaries and wages to value of shipments	.753	.741	.696	.714	.727	.730	.745	.719	.738	.772
Cost of materials to value of shipments	.457	.433	.422	.441	.454	.465	.481	.461	.476	.510
Value added to value of shipments	.571	.548	.588	.590	.581	.581	.553	.554	.533	.497
Value added to work-hours	30.09	32.15	42.42	44.22	47.59	51.13	54.77	67.48	71.40	70.01

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977* and *1982,* and *Annual Survey of Manufactures.*

NO. 1380. ELECTRONIC COMPONENTS AND ACCESSORIES INDUSTRY—SUMMARY: 1974 TO 1983

[**In millions of dollars, except as indicated.** Included in SIC 367. See headnote, table 1379]

ITEM	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Employment, total (1,000)	381.7	302.3	323.0	373.5	412.3	467.6	498.6	503.5	515.8	515.0
Salaries and wages	3,686	3,358	3,763	4,557	5,294	6,461	7,780	8,664	9,770	10,605
Production workers (1,000)	266.3	197.6	218.8	257.9	286.7	324.5	336.6	325.5	324.8	329.0
Work-hours (million)	519.8	389.3	438.7	508.7	556.9	635.2	650.1	631.3	626.3	642.4
Workers wages	1,974	1,705	1,964	2,457	2,887	3,484	4,050	4,366	4,645	5,015
Value added	6,963	5,984	7,568	9,260	10,981	14,213	16,902	18,537	21,214	23,610
Supplemental labor cost	571	538	669	811	998	1,232	1,497	1,723	2,644	2,190
Cost of materials	4,635	3,984	5,008	6,390	7,210	9,206	11,434	12,159	13,584	13,912
Value of shipments	11,301	10,089	12,433	15,390	17,912	22,708	27,647	30,421	34,517	37,194
New capital expenditures	785	536	651	783	1,119	1,591	2,616	2,459	3,013	2,897
Inventories	2,286	2,050	2,320	2,773	3,275	4,376	5,388	5,745	6,436	6,841
Assets, total	4,469	4,868	5,228	6,026	6,964	8,142	10,615	12,567	15,398	17,755
Rents, total	97	108	112	107	115	145	189	247	284	315
Ratio of—										
Cost of materials to value of shipments	.410	.395	.403	.415	.403	.405	.414	.400	.394	.374
Value added to value of shipments	.616	.593	.609	.602	.613	.627	.611	.609	.615	.635
Value added to work-hours	13.40	15.37	17.25	18.20	19.72	22.38	26.00	29.36	33.87	36.75

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977* and *1982,* and *Annual Survey of Manufactures.*

No. 1381. Factory Sales of Electronic Components by Type: 1974 to 1983

[In millions of dollars]

TYPE OF COMPONENT	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**10,403**	**9,286**	**10,884**	**13,033**	**16,440**	**20,780**	**24,918**	**26,330**	**26,807**	**30,932**
Solid state products	3,114	2,580	3,433	3,858	4,850	6,615	8,402	7,800	8,000	9,600
Parts	2,830	2,593	2,865	3,360	4,136	5,831	6,837	7,402	7,073	7,967
Capacitors	676	470	608	744	897	1,050	1,299	1,297	1,135	1,247
Resistors [1]	514	447	449	477	504	647	653	636	583	638
Passive networks	(NA)	32	47	61	82	111	118	139	138	153
Coils and transformers	536	489	485	560	654	776	852	952	869	950
Connectors	789	734	828	986	1,286	1,674	2,018	2,203	2,189	2,600
Switches	132	141	118	182	303	366	349	377	385	425
Filters	62	71	64	81	99	126	121	124	134	155
Quartz crystals	121	209	266	197	227	201	277	413	315	350
Wire and cable	(2)	(2)	(2)	(2)	(2)	789	1,066	1,176	1,242	1,375
TV and FM antennas, parts	(2)	(2)	(2)	72	84	91	84	85	83	80
Electron tubes	1,196	1,071	1,233	1,296	1,451	1,586	1,778	2,014	1,908	2,039
Receiving tubes	167	152	140	144	134	105	91	100	76	62
Power, special purpose tubes	416	420	456	519	585	682	728	845	896	953
TV tubes	613	499	637	633	732	799	959	1,069	936	1,024
Other components [3]	3,263	3,042	3,353	4,519	6,003	6,748	7,901	9,114	9,826	11,320

NA Not available. [1] U.S. consumption. [2] Included in "Other components". [3] Includes relays, sockets, delay lines, loudspeakers, magnetic components, transducers, printed circuit boards, microwave components, assemblies, and parts.

Source: Electronic Industries Association, Washington, DC, *Electronic Market Data Book*, annual. (Copyright.)

No. 1382. Motor Vehicles and Car Body Equipment Industry—Summary: 1972 to 1983

[ASM=Annual Survey of Manufactures]

ITEM	1972 Census	1977 Census	1978 ASM	1979 ASM	1980 ASM	1981 ASM	1982 Census	1983 ASM
All employees:								
Number (1,000)	339	344	359	349	274	272	240	261
Payroll (mil.dol.)	4,300	7,078	7,846	8,150	6,904	7,600	6,822	8,267
Value added by manufacture (mil.dol.)	11,783	18,724	20,491	20,753	13,817	15,621	15,456	22,608
Cost of materials (mil.dol.)	31,170	58,132	64,615	64,227	52,297	58,326	55,520	73,818
Value of shipments (mil.dol.)	42,906	76,518	84,901	85,147	66,257	74,273	70,740	95,931
New capital expenditures (mil.dol.)	917	1,706	1,877	1,906	2,290	4,697	2,368	1,106
Gross value of fixed assets (mil.dol.)	*5,422*	(NA)	(NA)	(NA)	(NA)	13,428	*14,362*	15,064
End-of-year inventories (mil.dol.)	2,184	4,011	4,410	4,492	4,123	3,579	3,621	4,559

NA Not available.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972, 1977,* and *1982,* and *Annual Survey of Manufactures.*

No. 1383. Transportation Equipment—Value of Shipments: 1972 to 1983

[In millions of dollars. "N.e.c." means not elsewhere classified]

TYPE OF EQUIPMENT	1972	1975	1977	1978	1979	1980	1981	1982	1983, prel.
Aircraft [1]	7,538	10,681	12,053	13,610	18,925	23,366	25,109	24,235	26,377
Aircraft engines and engine parts	3,070	4,488	4,995	6,028	7,884	10,010	11,556	11,641	11,516
Aircraft equipment, n.e.c	3,437	4,842	5,762	6,456	8,052	9,946	10,509	10,789	13,171
Boat building and repairing	1,031	1,290	1,822	2,103	2,238	2,129	2,249	2,307	2,594
Motor homes built on purchased chassis	(NA)	(NA)	1,495	2,005	962	836	1,169	1,036	1,893
Motor vehicles and car bodies	41,046	43,394	72,979	80,551	80,133	61,428	69,457	66,706	90,935
Motor vehicle parts and accessories	19,417	23,023	37,842	42,952	42,906	35,627	40,215	38,414	46,776
Motorcycles, bicycles; and parts	541	705	847	1,001	1,112	1,160	1,160	1,143	1,151
Railroad equipment	2,284	3,885	4,002	5,207	*7,313*	*7,173*	*4,597*	*2,679*	*1,946*
Ship building and repairing [2]	3,201	5,513	6,270	6,688	7,466	8,889	10,690	10,655	9,342

NA Not available. [1] See table 1087 for number of civil aircraft shipments. [2] Value of work done.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972, 1977,* and *1982,* and *Annual Survey of Manufactures.*

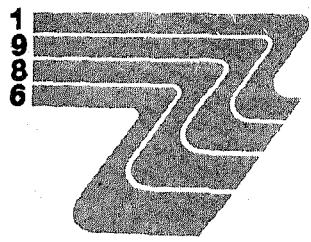
No. 1384. Home Appliances and Home and Auto Electronics—Shipments and Retail Value: 1980 to 1984

[Compiled from reports of associations and manufacturers. Retail value represents median price of product times the number of units shipped. Except as indicated, covers electric appliances only]

PRODUCT	MANUFACTURERS SHIPMENTS (1,000 units)					RETAIL VALUE (mil. dol.)				
	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
Major appliances	**32,361**	**32,982**	**28,711**	**34,421**	**41,370**	**12,182**	**13,297**	**12,016**	**14,439**	**16,906**
Air treatment	3,765	3,997	3,118	2,462	3,736	1,263	1,483	1,220	966	1,495
Air conditioners	2,907	3,236	2,505	1,829	2,929	1,082	1,302	1,070	805	1,294
Dehumidifiers	634	531	435	437	587	98	90	78	80	107
Air cleaners, electronic	224	230	178	196	220	83	91	72	82	95
Kitchen appliances [1]	20,083	20,583	18,054	23,274	28,114	8,091	8,877	7,958	10,105	11,641
Refrigerators [2]	5,173	4,997	4,365	5,255	5,731	3,093	3,227	2,937	3,607	4,001
Microwave ovens	3,585	4,575	4,201	6,006	9,020	1,612	2,275	1,979	2,586	3,362
Ranges, electric	2,544	2,413	2,041	2,839	3,164	1,048	1,026	902	1,299	1,477
Dishwashers	2,721	2,573	2,181	3,054	3,428	959	952	846	1,205	1,368
Freezers [3]	1,715	1,589	1,290	1,166	1,114	731	724	621	568	545
Ranges, gas	1,534	1,501	1,383	1,578	1,736	583	619	585	695	785
Disposers	2,885	3,067	2,693	3,514	4,052	277	321	293	395	466
Ranges, smooth top	155	134	103	104	94	93	80	64	66	60
Trash compactors	191	171	145	152	178	51	49	43	46	55
Home laundry	7,187	7,087	6,403	7,426	8,195	2,500	2,597	2,538	3,034	3,414
Compact appliances [4]	1,326	1,315	1,136	1,259	1,325	328	340	300	334	356
Video	**21,151**	**23,773**	**26,308**	**34,190**	**48,711**	**7,208**	**8,256**	**8,653**	**10,881**	**13,004**
TV, color	10,855	11,262	11,377	13,939	15,946	5,284	5,665	5,641	6,695	7,297
Videocassette recorders	804	1,330	2,030	4,020	7,143	700	1,057	1,344	2,303	3,444
TV, black and white	6,149	5,542	5,750	5,761	5,068	685	616	626	614	518
Prerecorded videotape/ cassettes	3,151	5,172	6,510	9,606	19,690	210	380	407	521	963
TV projection	77	121	117	142	192	210	272	277	285	347
Video cameras	115	186	284	410	484	120	186	265	358	380
Videodisc players	(NA)	160	240	312	188	(NA)	80	93	106	55
Audio/HiFi	**69,067**	**73,923**	**71,939**	**75,021**	**72,503**	**5,195**	**4,933**	**4,586**	**4,620**	4,408
Components [5]	8,919	8,431	8,192	8,599	8,378	1,704	1,561	1,475	1,518	1,510
Speakers	3,735	3,197	2,970	3,237	3,302	624	454	418	452	465
Receivers	1,465	1,440	1,421	1,550	1,553	415	420	381	390	391
Turntables	2,336	2,304	2,239	2,120	1,696	311	322	314	280	213
Tape decks	716	784	836	880	890	178	173	175	172	161
Portable tape units	23,366	28,093	28,050	28,903	27,494	1,447	1,588	1,474	1,441	1,336
Radios	27,012	27,881	26,518	28,188	27,391	868	863	819	863	823
Compact systems	3,945	3,578	2,966	2,748	2,565	884	693	584	550	491
Headphones	2,080	2,241	2,584	2,809	3,090	180	113	114	125	134
Cartridges	3,745	3,699	3,629	3,774	3,585	112	115	118	122	114
Autosound	18,362	19,823	20,741	21,132	21,815	1,487	1,656	1,773	1,851	1,953
Blank tape	**260,063**	**273,104**	**290,204**	**325,191**	**369,378**	**852**	**1,039**	**1,191**	**1,380**	**1,572**
Audiotape/cassettes	244,747	246,393	251,781	263,501	271,025	595	629	639	654	647
Videotape/cassettes	15,316	26,711	38,423	61,690	98,353	258	410	552	725	925
VHS	9,288	17,350	26,216	45,820	72,961	167	282	393	550	700
Beta	6,028	9,361	12,207	15,870	25,392	90	128	159	175	224
Personal electronics [6]	**77,855**	**79,414**	**77,953**	**110,640**	**105,985**	**1,649**	**1,671**	**1,740**	**3,002**	3,132
Video game software	(NA)	36,000	61,000	68,320	51,250	(NA)	972	1,525	1,700	765
Calculators	26,502	28,260	29,030	30,895	31,400	841	832	902	925	946
Video games	2,806	4,010	6,542	6,280	3,125	328	519	847	488	194
Telephones	2,643	3,155	5,521	15,058	22,930	223	289	472	1,168	894
Telephone answering devices	579	697	868	2,094	2,628	93	112	132	264	298
Personal computers	371	750	1,950	4,500	5,000	(NA)	(NA)	(NA)	(NA)	(NA)
Blank floppy disks	(NA)	(NA)	119,000	193,000	241,250	(NA)	(NA)	(NA)	(NA)	(NA)
Electronics furniture	(NA)	4,144	4,628	5,168	5,920	(NA)	487	557	668	830
Kitchen electrics [5]	**82,501**	**81,549**	**80,197**	**84,385**	**87,415**	**2,349**	**2,443**	**2,432**	**2,602**	**2,679**
Coffee makers	12,957	12,655	12,690	13,288	14,035	338	348	357	378	405
Irons	11,184	10,882	10,797	11,863	12,910	317	326	334	366	395
Toasters	9,291	9,249	8,934	9,535	10,680	268	290	293	326	368
Mixers, food	5,626	5,330	5,217	5,322	5,381	160	171	172	179	178
Food processors	3,180	3,186	2,689	2,786	2,716	204	198	172	187	179
Corn poppers	5,543	5,777	5,778	5,814	5,611	141	156	160	158	146
Fans	17,100	19,283	19,751	21,003	23,515	1,287	1,485	1,437	1,524	1,666
Kerosene heaters	(NA)	2,633	3,981	2,910	3,021	(NA)	461	498	309	241
Portable electric heaters	4,569	4,551	4,609	4,163	4,648	196	203	207	190	207
Air purifiers	(NA)	4,300	5,650	5,368	4,645	(NA)	118	148	140	127
Humidifiers	821	869	895	898	1,120	86	94	101	104	118
Vaporizers	1,624	1,747	1,808	1,853	1,760	18	20	22	23	21
Vacuum cleaners [7]	7,727	8,005	7,975	12,439	13,586	1,089	1,177	1,169	1,392	1,485
Personal care [5]	**54,290**	**54,682**	**56,831**	**60,217**	**63,294**	**981**	**1,026**	**1,154**	**1,273**	**1,362**
Hair dryers	18,865	18,359	18,413	18,857	19,564	317	309	316	317	335
Shavers	6,007	6,179	6,367	6,805	7,744	190	196	206	213	247
Scales, bathroom	5,888	6,100	6,178	6,993	7,255	97	113	122	160	173
Cookware and bakeware	110,229	110,482	106,298	118,257	123,737	1,449	1,538	1,562	1,859	1,984
Clocks	27,291	29,605	30,327	31,406	33,690	462	530	550	582	635
Outdoor products	12,653	13,674	14,423	15,326	16,092	396	450	484	514	560
Home security	15,791	17,079	17,340	18,406	19,559	303	338	336	363	390

NA Not available. [1] Excludes duplication; therefore, sum of components will exceed total. [2] 6.5 cu. ft. and over. [3] 10 cu. ft. and over. [4] Refrigerators, freezers, washers, and dryers. [5] Includes others not shown separately. [6] Excludes value of personal computers. [7] Beginning 1983, includes rechargeable.

Source: Gralla Publications, Inc., New York, NY, *Merchandising*, 63rd Annual Statistical and Marketing Report.



Section 30

Domestic Trade and Services

This section presents statistics relating to the distributive trades and service industries. Data shown for the trades, classified by kind of business, and for the various categories of services (e.g., personal, business, repair, hotel) cover sales or receipts, establishments, employees, payrolls, and other items. Also included are data for franchised businesses.

The principal sources of these data are census reports and survey reports of the Bureau of the Census. Data on national income originating in trade and services appear in the monthly *Survey of Current Business,* issued by the Bureau of Economic Analysis. Financial data for firms engaged in retail, wholesale, or service activities appear in the annual *Statistics of Income, published by the* Internal Revenue Service.

Censuses.—Censuses of retail trade, wholesale trade, and the service industries have been taken at various intervals since 1929. Beginning with the 1967 Census, legislation provides for a census to be conducted every 5 years (for years ending in "2" and "7").

The establishments covered in the censuses and surveys of business are those classified in 3 divisions defined in the *Standard Industrial Classification Manual, 1972* (see text, page 388). *Retail trade* refers to places of business primarily engaged in selling merchandise for personal or household consumption; *wholesale trade,* to establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business and farm uses; and *services,* to establishments primarily engaged in providing a wide range of services for individuals and for businesses.

Data from the 1958 Censuses of Retail Trade and Selected Services exclude nonemployer establishments which had annual receipts of less than $2,500 and $1,000, respectively. Beginning with the 1963 censuses, nonemployer establishments which did not operate the entire year were included if, during the period they operated, their receipts were at a rate which would have reached specified annual totals had they operated the entire year. The Census of Wholesale Trade excludes establishments with no paid employees. Beginning in 1977, sales taxes and finance charges are excluded in sales (or receipt) figures of the three censuses.

Prior to 1977, the Census of Selected Services excluded health services (except dental laboratories), educational services, social services, membership organizations, and others performing a professional or scientific service (except engineering, architectural, and surveying services). These were covered (except religious organizations and private households) in the 1977 census and the title changed to the Census of Service Industries. However, while most of these industries were again included in the 1982 census, some were not. In 1982, data were not collected for arrangement of passenger transportation, hospitals, elementary and secondary schools, colleges and universities, labor unions and similar organizations, and political organizations. Also in 1977, tax-exempt service industries were covered for the first time.

The Census of Retail Trade beginning in 1977, excludes nonemployer direct sellers. In 1982, the census treated each leased department in a store as a separate establishment and classified it according to the kind-of-business it conducted. In prior years, data for leased departments were consolidated with the data for stores in which they were located.

In the retail and service censuses prior to 1982, combined data for all establishments (nonemployer firms plus establishments of employer firms) were presented for selected kind-of-business classifications. In 1982 these data could not be published by kind-of-business because many nonemployer firms were miscoded by the Internal Revenue Service (IRS) into miscellaneous categories rather than specific kind-of-business. For retail trade and services, total establishment summary data are available but kind-of-business detail are available only on a national level from the Bureau.

Current surveys.—Current sample surveys conducted by the Bureau of the Census cover various aspects of the retail and wholesale trade and selected service industries. Its *Monthly Retail Trade Report* contains monthly estimates of sales, inventories, and sales of organizations operating 11 or more retail stores (see table 1390), for the United States, by kind of business. In addition,

monthly retail sales data for census regions and divisions, 19 large States, 23 large standard metropolitan statistical areas, and 5 large cities are included. Annual figures on sales, yearend inventories, and sales/inventories ratios, by kind of business, appear in the *Annual Retail Trade Report.*

Statistics from the Bureau's monthly wholesale trade survey include national estimates of merchant wholesalers' sales, inventories, and stock-sales ratios by major summary groups—durable and nondurable—and seclected kinds of businesses. These data, based on reports submitted by a sample of firms, appear in the *Monthly Wholesale Trade Report.* Annual figures on sales, sales-inventory ratios, and yearend inventories appear in the *Annual Wholesale Trade Report.*

The *Service Annual Survey* provides annual estimates of receipts for selected service establishments for the United States as a whole.

For the current sample survey programs, retail trade coverage is the same as for the census; wholesale trade coverage is limited to merchant wholesalers; and selected services coverage is less inclusive than the census.

Estimates obtained from annual and monthly surveys are based on sample data and are not expected to agree exactly with results that would be obtained from a complete census of all establishments. Data include estimates for establishments not reporting.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, See Appendix VI.

No. 1385. National Income Originating in Domestic Trade and Service Industries: 1970 to 1984

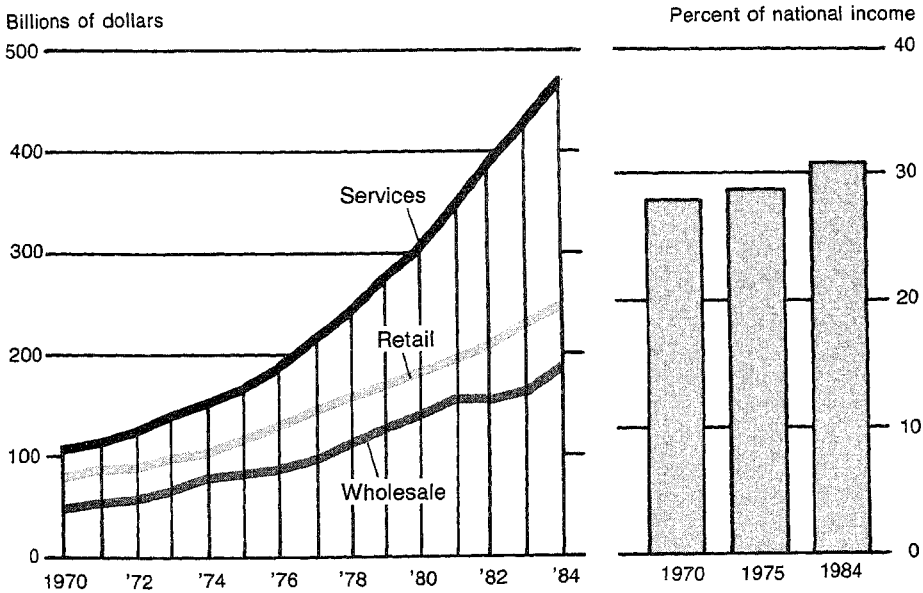
[**In billions of dollars, except percent.** For definition of national income, see text, p. 427. Refers to national income without capital consumption adjustment. Data represent net value added at factor cost. Based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970,* series T 1-14, for single-year data prior to revisions issued in 1981]

INDUSTRY	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
National income, total	**814.8**	**1,267.4**	**1,586.0**	**1,802.0**	**2,015.8**	**2,174.0**	**2,414.0**	**2,486.9**	**2,651.9**	**2,940.8**
Wholesale and retail trade	**123.5**	**195.3**	**238.8**	**267.4**	**296.6**	**316.6**	**349.4**	**358.9**	**386.4**	**431.6**
Percent of total national income	15.2	15.4	15.1	14.8	14.7	14.6	14.5	14.4	14.6	14.7
Wholesale trade	46.9	81.1	97.6	109.8	126.3	137.6	153.8	153.0	161.2	186.9
Retail trade	76.6	114.2	140.9	157.6	170.3	179.1	195.6	206.0	225.2	244.7
Services	**104.1**	**168.7**	**212.1**	**240.7**	**274.0**	**310.0**	**350.6**	**387.0**	**426.6**	**472.2**
Percent of total national income	12.8	13.3	13.4	13.4	13.6	14.3	14.4	15.6	16.1	16.1
Hotels and other lodging places	4.5	7.0	8.9	10.9	12.6	13.8	15.1	15.8	17.4	19.6
Personal services	7.6	8.6	10.4	11.6	12.5	13.3	14.0	15.0	16.4	17.8
Miscellaneous business services	15.0	24.0	32.8	38.5	46.5	53.0	61.4	69.1	77.9	90.5
Auto repair, services, and garages	3.7	6.2	8.1	9.5	10.4	11.2	12.5	12.8	13.7	15.5
Miscellaneous repair services	2.2	3.6	4.5	5.2	5.8	6.8	7.0	7.3	7.5	8.4
Motion pictures	1.7	1.9	3.0	3.8	4.1	3.8	4.1	4.5	5.2	5.9
Amusement and recreation services	3.2	5.2	6.8	7.4	8.1	9.0	10.3	10.7	11.9	12.5
Medical and other health services	29.4	54.1	68.0	76.0	86.1	99.6	115.3	131.0	144.9	157.1
Legal services	6.7	11.5	14.4	16.1	18.4	21.3	23.7	28.1	32.5	37.0
Educational services	7.0	11.0	11.7	12.7	14.0	15.4	17.0	18.5	19.8	20.7
Membership organization [1]	10.0	15.6	18.1	20.4	22.4	24.9	27.0	29.2	31.4	33.6
Miscellaneous professional services	8.8	15.4	19.5	22.5	26.4	31.0	36.3	37.4	40.4	45.6
Private households	4.5	4.6	5.9	6.2	6.5	6.6	7.0	7.6	7.8	8.1

[1] Includes social services.

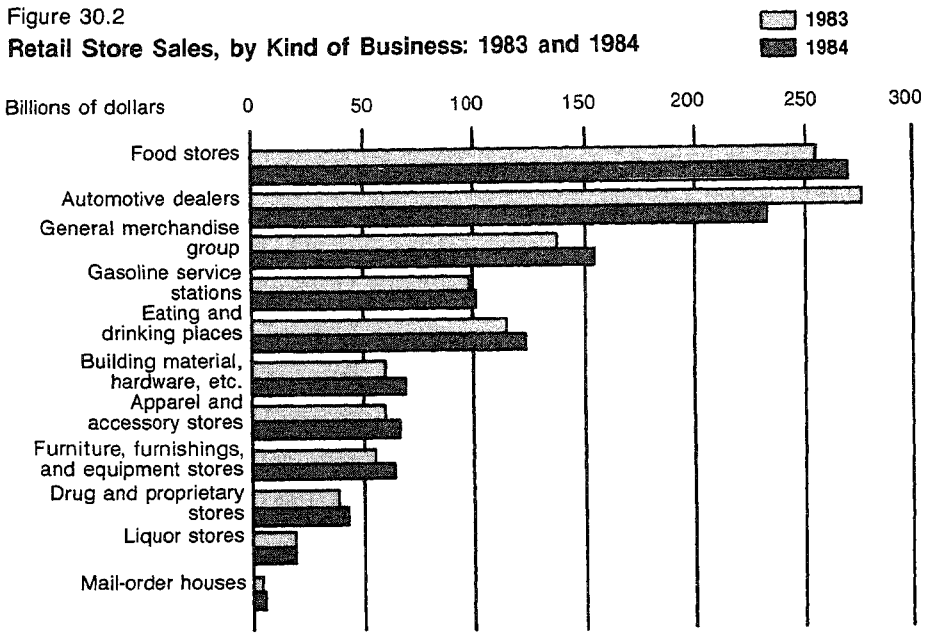
Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business,* July issues.

Figure 30.1
National Income Originating in Domestic Trade and Services: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1385.

Figure 30.2
Retail Store Sales, by Kind of Business: 1983 and 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1389.

NO. 1386. PERSONS EMPLOYED IN DOMESTIC TRADE AND SERVICE INDUSTRIES: 1970 TO 1983

[**In thousands.** Data represent worker-years of full-time equivalent employment by persons working for wages or salaries and by active partners and proprietors of unincorporated businesses. Based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970*, series T 15-28, for single year data prior to minor revisions issued in 1981]

INDUSTRY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Wholesale and retail	**14,764**	**16,230**	**16,800**	**17,526**	**18,468**	**19,081**	**19,060**	**19,267**	**19,077**	**19,459**
Wholesale trade	4,105	4,482	4,647	4,786	5,021	5,287	5,345	5,470	5,355	5,355
Retail trade	10,659	11,748	12,153	12,740	13,447	13,794	13,715	13,797	13,722	14,104
Services	**13,250**	**15,185**	**15,744**	**16,506**	**17,467**	**18,351**	**18,999**	**19,716**	**20,085**	**20,843**
Hotels and other lodging places	993	1,097	1,100	1,162	1,194	1,224	1,252	1,301	1,330	1,368
Personal services	1,323	1,135	1,167	1,195	1,225	1,260	1,270	1,276	1,272	1,315
Business services	1,655	2,024	2,144	2,319	2,590	2,857	3,045	3,237	3,311	3,689
Auto repair, services, garages	494	598	635	675	733	784	786	815	851	866
Misc. repair services	312	388	390	413	428	467	461	507	501	507
Motion pictures	180	211	217	231	239	250	243	264	259	267
Amusement, recreational services	397	508	541	569	604	631	665	678	684	698
Health services	2,878	4,046	4,219	4,432	4,662	4,878	5,119	5,374	5,550	5,711
Legal services	385	465	498	542	577	615	643	683	729	766
Educational services	998	1,184	1,185	1,189	1,213	1,251	1,296	1,321	1,344	1,255
Membership organizations [1]	1,756	1,856	1,898	1,916	2,035	2,124	2,180	2,182	2,160	2,292
Misc. professional services	726	867	936	1,009	1,114	1,207	1,264	1,338	1,367	1,374
Private households	1,153	766	814	854	853	803	755	740	727	735

[1] Includes social services.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July issues.

NO. 1387. RETAIL TRADE—SUMMARY: 1954 TO 1982

[Prior to 1958 and as noted, excludes Alaska and Hawaii. 1972 through 1982 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47 and T 79-91]

ITEM	Unit	1954	1958	1963	1967	1972	1977	1982
Firms, total	1,000	(NA)	(NA)	1,532	1,577	1,665	1,567	1,573
Multiunit establishments [1]	1,000	167	[2] 183	220	220	291	332	415
Establishments, total	1,000	1,722	1,795	1,708	1,763	1,780	1,855	1,923
With payroll	1,000	1,124	1,185	1,206	1,192	1,265	1,304	1,330
With sales of $1,000,000 or more	1,000	(NA)	(NA)	(NA)	(NA)	74	118	121
Consumer Price Index: [3]								
All items	1967=100	80.2	86.6	91.7	100.0	125.3	181.5	289.1
All commodities	1967=100	85.9	90.6	93.6	100.0	120.9	174.7	263.8
Sales	Bil. dol	170.0	200.4	244.2	310.2	457.4	723.1	1,065.9
By establishments with payroll	Bil. dol	157.9	187.8	233.1	295.2	440.2	699.6	1,039.0
By multiunit establishments [1]	Bil. dol	51.2	[2] 67.2	89.5	123.5	201.8	340.7	567
Percent of total sales	Percent	30.1	33.5	36.6	39.8	44.0	47.1	53.2
Percent of multiunit sales by 101-or-more establishment multiunits [1]	Percent	41.8	42.4	43.1	46.7	55.8	55.8	54.5
In 1972 dollars [4]	Bil. dol	245.6	270.8	313.5	369.7	457.4	540.0	532.5
Percent of sales by corporations	Percent	48.4	53.0	61.9	67.4	76.4	79.8	84.6
Per capita sales: [5]								
Current dollars	Dollars	1,055	1,156	1,296	1,571	2,186	3,291	4,599
Constant (1972) dollars [4]	Dollars	1,524	1,562	1,663	1,873	2,186	2,457	2,298
Sales as percent of personal income	Percent	58.6	[2] 55.5	52.4	49.3	48.1	46.9	41.5
Sales, inside SMSAs [6]	Bil. dol	(NA)	[2] 133.0	169.8	221.4	(NA)	551.8	845.3
Percent of total sales	Percent	(NA)	66.4	69.5	71.4	(NA)	76.3	79.3
Payroll, entire year	Bil. dol	18.2	21.7	27.6	36.2	55.4	85.9	123.6
Percent of sales	Percent	11.5	[2] 11.5	11.3	11.7	12.1	11.9	11.6
Paid employees, March 12 workweek [7]	1,000	7,124	7,942	8,410	9,381	11,211	13,040	14,468

NA Not available. [1] Establishments operated by firms which operate at two or more locations. [2] Excludes Alaska and Hawaii. [3] Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*. For 1982, CPI-U, see text, page 468. [4] Source: U.S. Bureau of Economic Analysis. [5] Based on estimated resident population as of July 1. [6] For definition of SMSA, see Appendix II. [7] 1954-1963 data for week including November 15.

Source: Except as noted, U.S. Bureau of the Census, *U.S. Census of Business: 1954*, vol. I; *1958*, vol. I; *1963*, vol. I; *1967*, vol. I; and *Census of Retail Trade, 1972*, RC 72-S-1, *1977*, RC 77-52 and *1982*, RC 82-A-52 and RC 82-I-1.

No. 1388. Retail Trade Sales—Summary: 1967 to 1985

[Data reflect use of a sample based on definition and classifications according to the 1977 Census of Retail Trade and are adjusted for methodological revision effective in August 1977. Based on Current Business Survey, see Appendix III. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series T 197, 245, 246, and 255]

YEAR	CURRENT DOLLARS							CONSTANT (1972) DOLLARS [2]		
	Total sales (bil. dol.)	Annual percent change	Per capita [1] (dol.)	Index of sales (1972 = 100)	Durable goods (bil. dol.)	Nondurable goods (bil. dol.)		Total sales (bil. dol.)	Annual percent change	Per capita [1] (dol.)
						Total	Dept. stores			
1967	293.0	(3)	1,484	65.2	88.7	204.2	32.4	350.9	(3)	1,777
1968	324.4	10.7	1,627	72.2	101.7	222.7	36.0	372.3	6.1	1,867
1969	346.7	6.9	1,722	77.2	108.6	238.1	38.6	383.0	2.9	1,902
1970	368.4	6.3	1,806	82.0	109.2	259.2	40.2	391.1	2.1	1,917
1971	406.2	10.3	1,964	90.5	128.8	277.4	45.0	416.0	6.4	2,011
1972	448.1	10.5	2,146	100.0	148.4	300.6	49.4	447.8	7.6	2,140
1973	509.5	13.5	2,411	113.5	172.9	336.6	55.0	478.9	6.9	2,266
1974	541.0	6.2	2,536	120.5	169.4	371.6	58.1	458.2	–4.3	2,148
1975	588.1	8.7	2,729	131.0	183.0	405.2	62.1	461.5	.7	2,142
1976	657.4	11.8	3,021	146.4	217.8	439.6	68.6	490.6	6.3	2,255
1977	725.2	10.3	3,299	161.5	248.6	476.6	76.9	516.2	5.2	2,349
1978	806.8	11.2	3,633	179.7	280.4	526.4	84.4	539.1	4.4	2,422
1979	899.1	11.4	4,003	200.2	306.4	592.8	89.2	549.8	2.0	2,442
1980	959.6	6.7	4,224	213.7	299.0	660.6	93.2	534.1	–2.9	2,346
1981	1041.3	8.5	4,541	231.9	325.1	716.3	103.5	539.4	1.0	2,344
1982	1072.1	3.0	4,631	238.7	336.7	735.4	107.2	535.4	–.7	2,304
1983	1,174.3	9.5	5,025	261.5	396.5	777.8	116.6	575.3	7.4	2,453
1984	1,297.0	10.5	5,491	288.6	464.3	832.7	129.3	623.9	8.4	2,636
1985, Jan.–June [4]	653.0	[5] 5.4	2,748	(X)	246.3	406.8	57.5	309.7	[5] 4.0	1,304

X Not applicable. [1] Based on Bureau of the Census estimates of resident population as of July 1, except 1985, as of March 1. [2] Source: Bureau of Economic Analysis. Based on seasonally adjusted monthly totals, except 1985. [3] 1966 data not comparable with 1967. [4] Data unadjusted for seasonal variation and trading day differences. [5] Change from Jan.–June, 1984.

Source: Except as noted, U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business* and *Business Conditions Digest*, both monthly.

No. 1389. Retail Trade—Sales, by Kind of Business: 1967 to 1985

[**In billions of dollars.** Based on 1972 Standard Industrial Classification. Data reflect methodological revision effective Aug. 1977. Based on Current Business Survey, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series T 245–271]

KIND OF BUSINESS	1967	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985, Jan.–June [1]
Retail trade, total	**293.0**	**368.4**	**588.1**	**806.8**	**899.1**	**959.6**	**1,041.3**	**1,072.1**	**1,174.3**	**1,297.0**	**653.0**
Durable goods stores, total [2]	**88.7**	**109.2**	**183.0**	**280.4**	**306.4**	**299.0**	**325.1**	**336.7**	**396.5**	**464.3**	**246.2**
Automotive dealers	53.8	62.6	106.6	167.9	178.6	164.4	182.4	193.2	232.8	277.0	154.9
Motor vehicle, misc. automotive dealers	49.7	56.9	96.8	153.8	162.4	146.2	162.4	172.4	209.9	252.6	143.0
Motor vehicle dealers	48.0	55.0	89.0	144.6	152.0	137.7	153.1	163.0	200.1	241.7	135.2
Motor vehicle dealers, franchised	45.0	51.8	84.2	136.5	142.9	130.5	144.6	154.8	189.8	230.6	129.3
Auto and home supply stores	4.2	5.6	9.9	14.1	16.2	18.2	20.1	20.8	22.8	24.4	11.9
Building materials, hardware, garden supply, mobile home dealers [2]	13.3	17.6	27.0	45.1	50.9	50.7	52.1	50.9	59.7	66.7	34.0
Building materials, supply stores	9.0	11.2	18.0	31.9	36.3	35.0	35.7	35.2	42.4	49.8	24.7
Hardware stores	2.6	3.2	5.1	6.6	7.9	8.3	8.4	8.7	9.0	9.5	4.8
Furniture, home furnishings, equipment [2]	14.2	17.7	26.9	36.7	42.3	44.1	46.7	46.5	54.7	63.6	31.9
Furniture, home furnishings stores	8.3	10.6	16.2	22.5	25.6	26.3	27.4	27.0	31.0	35.1	17.3
Household appliance, radio, TV	5.0	6.0	8.3	10.7	12.7	13.9	15.3	15.7	19.7	24.0	12.4
Nondurable goods stores, total [2]	**204.2**	**259.2**	**405.2**	**526.4**	**592.8**	**660.6**	**716.3**	**735.4**	**777.8**	**832.7**	**406.8**
Apparel and accessory stores [2]	16.3	20.2	31.3	41.1	44.6	48.1	53.0	55.3	60.3	66.9	31.4
Men's, boys' clothing, furnishings	3.4	4.4	6.4	7.4	7.7	7.6	7.8	7.7	8.0	8.4	3.7
Women's clothing, specialty stores, furriers	6.4	7.7	12.4	16.1	17.5	18.5	20.4	22.0	24.5	27.9	13.1
Women's ready-to-wear stores	5.3	6.7	11.3	14.8	16.1	16.9	18.7	20.3	22.6	25.8	12.1
Family clothing stores	3.1	3.8	6.6	8.6	9.5	11.0	12.4	13.8	15.4	17.6	8.1
Shoe stores	2.9	3.6	4.6	6.6	7.8	8.4	9.5	9.1	9.8	10.3	5.2
Drug and proprietary stores	10.8	13.8	19.9	25.4	28.2	30.7	33.7	36.2	40.1	44.2	22.6
Eating and drinking places	23.5	31.1	51.1	71.7	82.0	89.9	98.0	104.4	114.7	124.1	63.3
Food stores	69.4	88.7	138.4	174.8	197.3	219.5	235.4	245.3	254.9	270.0	136.7
Grocery stores	64.2	81.5	129.2	163.8	184.9	205.1	220.1	230.1	239.1	252.9	128.3
Gasoline service stations	22.6	29.2	47.5	59.7	73.3	93.8	102.8	97.1	98.9	101.0	49.7
General merchandise group stores	42.2	52.0	78.4	103.2	109.3	113.9	125.4	128.7	139.4	153.6	68.4
Department stores	32.4	40.2	62.1	84.4	89.2	93.2	103.5	107.2	116.6	129.3	57.5
Variety stores	5.3	6.6	8.0	7.3	7.9	7.9	8.3	8.3	8.6	9.1	6.9
Misc. gen. merchandise group stores [3]	(NA)	(NA)	(NA)	11.5	12.2	12.8	13.5	13.2	14.2	15.3	4.0
Liquor stores	6.6	8.3	11.8	13.6	15.1	16.8	17.6	18.1	19.0	19.5	9.0
Non-store retailers	(NA)	(NA)	(NA)	18.4	20.4	22.8	23.5	23.8	24.7	26.2	12.4
Mail-order houses (department store merchandise)	(NA)	(NA)	(NA)	4.0	4.2	4.4	4.4	4.4	4.4	4.7	2.0

NA Not available. [1] Unadjusted for seasonal variation.
[2] Includes kinds of business not shown separately. [3] Includes catalog showroom stores.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*.

No. 1390. Retail Trade—Sales of Multiunit Organizations by Kind of Business: 1980 to 1984

[**In billions of dollars.** Data based on sales of companies which had 11 or more retail establishments according to the most recent update of multiestablishment files selected with certainty (i.e., their sales size exceeded specified dollar volume cutoffs which varied by kind of business). For details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 197-219]

KIND OF BUSINESS	SALES					PERCENT OF TOTAL RETAIL SALES				
	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
Total sales	338.4	372.4	390.0	415.5	450.4	35.3	35.8	36.4	35.4	34.7
Durable goods stores	24.7	26.9	28.2	32.8	37.7	8.3	8.3	8.4	8.3	8.1
Auto and home supply stores	3.7	4.0	4.1	4.4	4.7	20.4	19.7	19.5	19.3	19.2
Nondurable goods stores [1]	313.6	345.5	361.8	382.8	412.7	47.5	48.2	49.2	49.2	49.6
Apparel and accessory stores [1]	17.0	18.7	20.1	22.2	25.4	35.3	35.3	36.4	36.9	37.9
Women's apparel, accessories	7.4	8.1	8.4	9.5	11.1	40.0	39.7	38.4	40.0	39.7
Shoe stores	3.5	3.9	4.3	4.8	5.1	41.0	40.7	47.4	48.6	49.3
Drug and proprietary stores	16.2	17.9	19.4	21.6	24.4	52.8	53.0	53.7	53.9	55.2
Food stores	115.1	127.6	135.5	141.3	149.0	52.5	54.2	55.2	55.4	55.2
Grocery stores	113.7	125.7	133.6	139.4	147.0	55.4	57.1	58.0	58.3	58.1
General merchandise group	105.2	115.3	119.5	129.0	142.3	92.4	92.0	92.8	92.5	92.6
Department stores	90.7	99.5	103.2	111.5	123.7	97.3	96.2	96.3	95.7	95.6
Variety stores	6.6	6.9	7.1	7.3	7.6	83.5	83.4	85.1	84.7	84.1
Misc. general merchandise group stores	7.9	8.9	9.2	10.1	11.1	62.1	65.4	69.6	71.3	72.3
Eating and drinking places	18.4	20.3	22.1	24.4	27.0	20.5	20.8	21.2	21.2	21.8

[1] Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual* and *Monthly Retail Trade Reports*.

No. 1391. Retail Trade—Merchandise Inventories and Sales-Inventory Ratios by Kind of Business: 1980 to 1984

[As of **Dec. 31.** Includes warehouses. Based on Current Business Survey, see Appendix III]

KIND OF BUSINESS	INVENTORIES AT COST [1] (bil. dol.)					SALES-INVENTORY RATIOS [2]				
	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
Total	113.1	123.1	122.5	135.3	153.0	8.5	8.5	8.8	8.7	8.4
Total (excluding automotive dealers)	87.7	95.3	95.5	103.7	115.6	9.1	9.0	9.2	9.1	8.8
Durable goods stores [3]	54.5	59.6	58.3	66.1	76.3	5.5	5.5	5.8	6.0	6.1
Automotive dealers	25.4	27.9	27.0	31.6	37.5	6.5	6.5	7.1	7.4	7.4
Motor vehicle and misc. automotive dealers	21.9	24.3	23.4	27.5	33.4	6.7	6.7	7.4	7.6	7.6
Motor vehicle dealers	19.6	21.6	20.8	24.8	30.0	7.0	7.1	7.9	8.1	8.0
Motor vehicle dealers (franchised)	16.8	20.6	19.8	23.6	28.6	6.9	7.0	7.8	8.1	8.1
Automotive and home supply stores	3.5	3.6	3.6	4.1	4.1	5.2	5.6	5.7	5.6	5.8
Building materials, hardware, garden supplies, mobile home dealers	9.2	9.6	9.4	11.0	12.4	5.5	5.4	5.4	5.4	5.6
Building materials, supply, hardware stores	7.8	8.2	7.9	9.1	10.3	5.5	5.4	5.5	5.7	5.8
Building materials and supply stores	5.7	6.0	5.7	6.8	7.6	6.2	6.0	6.2	6.3	6.5
Hardware stores	2.1	2.2	2.3	2.3	2.7	3.9	3.8	3.8	3.9	3.8
Furniture, home furnishings, equipment stores [3]	9.0	9.6	9.4	10.8	12.0	4.9	4.9	4.9	5.0	5.2
Furniture, home furnishings	5.2	5.5	5.3	6.0	6.5	5.1	5.0	5.1	5.2	5.4
Furniture stores	3.8	4.0	3.7	4.2	4.5	4.6	4.6	4.8	4.7	5.0
Household appliance, radio, TV	2.8	3.0	3.2	3.8	4.3	5.0	5.0	5.0	5.2	5.2
Household appliance stores	1.0	1.1	1.0	1.1	1.2	5.7	5.6	5.9	6.2	6.3
Jewelry stores	3.2	3.8	3.3	3.6	4.0	2.5	2.3	2.6	2.5	2.6
Nondurable goods stores [3]	58.6	63.6	64.2	69.2	76.8	11.3	11.3	11.5	11.2	10.8
Apparel and accessory stores [3]	9.8	11.0	11.2	12.4	13.7	4.9	4.8	4.9	4.9	4.8
Men's, boys' clothing, furnishings	1.9	2.0	1.8	1.8	2.0	4.0	3.9	4.2	4.3	4.2
Women's ready-to-wear stores	2.6	3.0	3.2	3.9	4.1	6.5	6.2	6.4	5.8	6.0
Family clothing stores	2.2	2.5	2.8	3.2	3.6	4.9	4.9	5.0	4.8	4.6
Shoe stores	2.2	2.4	2.4	2.5	2.6	3.9	3.9	3.9	4.0	4.0
Drug and proprietary stores	5.2	5.7	6.0	6.6	7.1	5.9	5.9	6.0	6.1	6.1
Eating and drinking places	2.0	2.2	2.2	2.3	2.4	44.2	44.6	46.9	50.3	52.5
Food stores	12.6	13.6	13.9	14.6	15.5	17.5	17.3	17.6	17.4	17.5
Grocery stores	12.0	13.0	13.3	14.0	14.8	17.1	17.0	17.3	17.1	17.2
Gasoline service stations	2.8	2.9	2.6	2.6	2.5	33.0	35.1	37.3	38.2	39.8
General merchandise group stores	19.2	21.1	21.4	23.5	28.1	5.9	5.9	6.0	5.9	5.4
Dept. stores, misc. general merchandise stores	17.4	19.2	19.5	21.6	25.8	6.1	6.1	6.2	6.1	5.6
Department stores	14.5	16.2	16.4	18.3	22.3	6.4	6.4	6.5	6.4	5.8
Variety stores	1.9	1.9	1.9	1.9	2.3	4.2	4.4	4.3	4.5	4.0
Liquor stores	2.0	2.1	2.0	2.1	1.9	8.4	8.5	8.8	9.0	9.6

[1] Excludes supplies and equipment used in store and warehouse operations that are not for resale. Not adjusted for seasonal variation. [2] Relates annual sales to yearend inventories. [3] Includes kinds of businesses not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual Retail Trade Report*.

No. 1392. Commercial and Institutional Groups—Estimated Food and Drink Sales and Purchases: 1975 to 1983

[Excludes military. Data refer to sales to consumers and purchases by establishments of food and alcoholic beverages. Due to methodological and conceptual differences, data in this table may not agree with table 1393. For details, see source]

Type of group	Number, 1983	Sales (mil. dol.)				Purchases (mil. dol.)			
		1975	1977	1982	1983	1975	1977	1982	1983
Total [1]	**561,276**	**69,695**	**85,933**	**139,100**	**150,319**	**29,987**	**38,274**	**57,780**	**61,198**
Commercial feeding [2 3]	393,962	58,317	72,811	119,369	130,230	20,433	25,517	40,047	43,025
Eating places [2]	254,252	39,251	50,732	86,567	95,174	15,123	19,197	30,730	33,117
Restaurants, lunchrooms	123,657	22,676	28,021	46,428	50,514	9,105	10,997	16,835	17,890
Limited menu restaurants [4]	113,110	13,597	19,301	35,321	39,543	4,891	6,942	12,186	13,414
Bars and taverns [5]	33,990	5,988	6,438	7,905	8,150	335	394	415	418
Food contractors [2]	9,026	4,169	4,989	7,708	8,242	1,783	2,132	3,132	3,318
Manufacturing and industrial plants	(NA)	1,351	1,610	2,258	2,394	630	750	1,026	1,077
Colleges and universities	(NA)	712	823	1,407	1,494	252	292	451	479
Lodging places [2]	29,719	4,093	5,030	8,632	9,360	1,419	1,722	2,829	3,023
Hotel restaurants	13,906	2,538	3,268	5,944	6,450	867	1,098	1,933	2,070
Motel restaurants	13,378	1,007	1,133	1,656	1,791	366	412	558	592
Retail hosts [2]	56,893	2,259	2,552	3,722	4,085	865	976	1,323	1,426
Grocery store restaurants	23,001	343	468	864	1,007	127	173	299	345
Dept. store restaurants	5,202	713	842	924	986	285	337	347	360
Drug store restaurants	6,128	341	316	358	370	129	120	131	133
Variety store restaurants	5,111	405	353	247	253	158	337	91	91
Gasoline service stations	8,232	202	297	759	852	75	110	262	292
Recreation and sports [2]	6,815	787	1,005	1,659	1,822	302	381	584	629
Bowling lanes	3,933	295	365	646	677	124	150	236	242
Recreation and sports centers	(NA)	393	512	797	912	146	189	280	315
Institutional feeding [2]	166,058	11,378	13,122	19,731	20,089	7,704	8,898	12,069	12,295
Employee feeding	8,470	1,072	1,245	1,733	1,767	554	631	858	857
Industrial and commercial organizations	3,762	892	1,053	1,458	1,505	445	515	693	700
Educational feeding	93,579	3,184	3,502	5,248	5,509	3,083	3,444	4,058	4,164
Elementary and secondary schools	90,979	1,687	1,793	2,464	2,577	2,228	2,468	2,814	2,854
Transportation	153	347	422	670	760	182	218	338	387
Airlines	96	260	316	504	572	132	157	251	285
Hospitals	6,828	4,346	5,002	7,641	7,375	1,983	2,275	3,439	3,328
Miscellaneous [2]	27,769	972	1,153	1,735	1,885	720	860	1,119	1,200
Clubs	10,310	696	801	1,275	1,391	335	386	533	582
Community centers	15,210	196	258	344	374	232	304	406	442

NA Not available. [1] Total purchases include food furnished to food service employees. [2] Includes other types of groups, not shown separately. [3] Data for establishments with payroll. [4] Fast-food restaurants. [5] For establishments serving food.

Source: National Restaurant Association, Washington, DC, *NRA News*, monthly. (Copyright.)

No. 1393. Foodservice Industry—Establishments and Sales of Meals and Snacks: 1977 to 1984

[Sales data are actual retail sales or estimated retail value, excludes alcoholic beverages. See source for methodological details]

Market segment	Establishments		Sales of meals and snacks [1] (mil. dol.)							
	1977	1984	1977	1978	1979	1980	1981	1982	1983	1984
Total	**624,507**	**706,098**	**81,776**	**91,639**	**103,968**	**113,878**	**124,040**	**133,264**	**145,733**	**158,485**
Commercial feeding	401,502	409,453	56,624	64,121	73,067	79,814	87,154	94,985	105,634	116,095
Separate eating places [2]	229,892	253,854	47,426	53,900	61,653	67,557	73,787	80,967	90,356	99,582
Restaurants, lunchrooms	118,896	124,433	24,720	28,981	33,534	35,615	38,805	40,931	44,731	48,419
Fast food outlets	100,493	123,769	20,334	22,226	25,112	28,706	31,523	36,492	41,898	47,319
Cafeterias	7,001	5,640	1,813	2,075	2,343	2,426	2,575	2,699	2,871	3,022
Lodging places	25,931	23,262	3,613	4,304	4,937	5,258	5,939	6,164	6,756	7,264
Retail hosts	60,652	56,348	2,691	2,988	3,322	3,535	3,835	3,943	4,318	4,779
Recreation, entertainment	33,619	34,282	1,915	1,928	2,110	2,362	2,471	2,813	3,093	3,394
Separate drinking places	51,408	41,706	979	1,000	1,045	1,100	1,121	1,098	1,111	1,076
Noncommercial feeding	223,005	296,645	25,152	27,518	30,901	34,064	36,886	38,279	40,098	42,390
Education	97,325	95,888	8,242	8,907	9,925	10,833	11,376	11,030	11,624	12,239
Elementary, secondary	91,300	89,600	5,886	6,494	7,313	7,875	8,099	7,368	7,537	7,930
Colleges, universities	3,095	3,288	2,256	2,306	2,494	2,824	3,126	3,487	3,886	4,092
Other education	2,930	3,000	100	106	118	134	152	175	201	217
Plants, office buildings	15,187	15,846	3,576	4,070	4,658	5,145	5,669	5,919	6,258	6,793
Hospitals	7,099	6,881	3,711	3,955	4,403	4,919	5,366	5,609	5,715	5,917
Care facilities	21,117	28,933	2,388	2,758	3,198	3,602	4,072	4,797	4,983	5,281
Vending	3,737	3,556	2,508	2,642	2,853	3,094	3,183	3,214	3,348	3,553
Military services	3,971	3,352	1,595	1,648	1,821	1,934	2,109	2,166	2,255	2,366
Troop feeding	1,435	1,310	1,245	1,275	1,421	1,496	1,619	1,644	1,709	1,765
Clubs, exchanges	2,536	2,042	350	373	400	438	490	522	546	601
Transportation	799	642	1,079	1,225	1,426	1,563	1,656	1,685	1,793	1,922
Associations	18,966	19,394	958	994	1,058	1,153	1,276	1,431	1,501	1,562
Correctional facilities	6,907	7,164	492	567	626	705	786	1,018	1,092	1,155
Child day care centers	18,967	84,175	249	299	367	469	641	607	663	760
Elderly feeding programs	11,173	14,035	202	292	388	456	544	579	629	689
Other	17,757	16,799	151	162	178	192	208	223	238	252

[1] Estimated retail sales; excludes tips and taxes. [2] Includes other industry segments not shown separately.

Source: U.S. Department of Agriculture, Economic Research Service, *Definition of the Foodservice Industry and Methodology for Estimating Selected Statistics*, and unpublished data.

No. 1394. Largest Retailing Companies—Sales, Assets, Net Income, and Employees, by Sales Group: 1980 to 1983

[**Sales, assets, and net income in billions of dollars; employees in thousands; except percent.** Excludes large privately owned companies that do not publish sales. Includes all operating revenues for fiscal years ending not later than January following year stated]

Rank by sales group	Sales[1]			Assets[2]			Net income[3]			Employees[4]		
	1980	1982	1983	1980	1982	1983	1980	1982	1983	1980	1982	1983
50 largest	**200.8**	**246.2**	**271.2**	**96.3**	**128.4**	**149.6**	**3.9**	**4.4**	**7.3**	**3,240**	**3,279**	**3,497**
Top 10	109.3	125.5	142.1	56.0	74.2	89.5	1.9	2.5	3.5	1,614	1,505	1,586
11th-20th	40.6	53.3	54.5	16.4	21.9	23.2	.5	.3	1.4	591	596	666
21st-30th	23.8	30.7	34.5	12.3	15.6	19.0	.7	1.1	1.2	569	648	714
31st-40th	15.7	22.6	24.6	7.3	10.6	11.3	.5	.3	.7	324	368	357
41st-50th	11.5	14.1	15.4	4.3	6.0	6.6	.3	.3	.5	143	162	174
Percent of total:												
Top 10	54.4	51.0	52.4	58.2	57.8	59.8	48.7	55.5	48.4	49.8	45.9	45.3
11th-20th	20.2	21.7	20.1	17.0	17.1	15.5	12.3	7.0	18.7	18.2	18.2	19.1
21st-30th	11.8	12.5	12.7	12.7	12.2	12.7	16.5	23.7	16.9	17.6	19.8	20.4
31st-40th	7.8	9.2	9.1	7.6	8.3	7.5	13.8	7.7	9.6	10.0	11.2	10.2
41st-50th	5.7	5.7	5.7	4.5	4.6	4.4	6.8	6.0	6.4	4.4	5.0	5.0

[1] Includes sales of subsidiaries when they are consolidated. [2] Total assets employed in business at end of fiscal year. [3] After taxes, special charges, and credits. [4] As of year end, or yearly average.

Source: Time, Inc., New York, NY, adapted from *The Fortune Directory*, July 13, 1981; June 13, 1983; and June 11, 1984. (Copyright.)

No. 1395. Retail Trade—Sales by Broad Merchandise Lines: 1977 and 1982

[For establishments with payroll. For details on restructuring merchandise lines between 1977 and 1982, see source]

Merchandise line	1977			1982			
					Sales of specified merchandise lines		
	Establishments (1,000)	Sales (mil. dol.)	Percent of sales	Establishments (1,000)	Total (mil. dol.)	As percent of total sales: Establishments handling line	As percent of total sales: All establishments
Retail trade, total	**[1] 1,304**	**699,635**	**100.0**	**[1] 1,330**	**1,039,029**	**(X)**	**100.0**
Groceries and other food	271	137,506	19.7	267	198,705	51.8	19.1
Meals and snacks	341	54,735	7.8	391	92,677	40.9	8.9
Alcoholic drinks	138	9,998	1.4	140	14,965	33.1	1.4
Packaged alcoholic beverages	136	16,164	2.3	157	25,633	13.5	2.5
Cigars, cigarettes, and tobacco	231	8,475	1.2	241	14,664	4.9	1.4
Drugs	110	12,438	1.8	187	42,337	12.4	4.1
Health and beauty aids	166	11,325	1.6				
Men's, boys' wear, except footwear	106	22,740	3.3	104	29,461	17.7	2.8
Women's, girls' wear, except footwear	139	36,527	5.2	146	57,553	30.6	5.5
Footwear, except infant's and toddler's	98	10,650	1.5	112	17,017	12.3	1.6
Sewing, knitting, and needlework goods	82	10,011	1.4	45	4,132	3.9	.4
Curtains, draperies, and dry goods				65	8,926	6.4	.9
Major household appliances	72	9,179	1.3	61	11,337	10.1	1.1
Small electric appliances	82	2,849	.4	70	4,381	2.7	.4
TV's and video recorders and tapes	55	4,128	.6	59	6,841	6.1	.7
Audio equipment, musical instruments and supplies	89	9,191	1.3	74	11,279	8.2	1.1
Furniture and sleep equipment	72	14,685	2.1	68	19,086	14.4	1.8
Floor coverings	66	5,770	.8	57	6,908	6.2	.7
Kitchenware and home furnishings	137	9,881	1.4	150	15,642	6.3	1.5
Jewelry	111	8,151	1.2	95	12,133	8.1	1.2
Optical goods	21	1,361	.2	21	1,851	4.3	.2
Sporting goods	80	9,451	1.4	70	13,038	11.4	1.3
Recreational vehicles	13	3,234	.5	6	2,957	20.8	.3
Hardware, tools, plumbing, and electrical supplies	94	8,555	1.2	103	13,978	8.2	1.3
Lawn, garden equipment, and supplies	99	7,217	1.0	95	11,189	7.5	1.1
Lumber and building materials	80	26,766	3.8	74	32,179	26.1	3.1
Mobile homes	(2)	(2)	(2)	5	3,795	90.8	.4
Cars, trucks, powered vehicles	56	112,285	16.0	49	139,687	83.9	13.4
Automotive fuels	211	48,736	7.0	156	89,288	63.9	8.6
Automotive lubricants				157	2,850	1.1	.3
Automobile tires, batteries, accessories	195	21,196	3.0	166	31,050	10.3	3.0
Household fuels	23	8,923	1.3	21	14,791	65.5	1.4
All other merchandise	290	36,663	5.2	269	52,892	14.8	5.1
Unclassified merchandise	(X)	(X)	(X)	147	5,451	3.5	.5
Nonmerchandise receipts	262	20,824	3.0	249	30,355	8.8	2.9

X Not applicable. [1] Detail will not add to total because establishments may carry more than one merchandise line. [2] Included in "all other merchandise".

Source: U.S. Bureau of the Census, *Census of Retail Trade, 1977*, and *1982, Merchandise Line Sales*, RC77-L and RC82-L.

No. 1396. Retail Trade Establishments—Number, Sales, and Employees, by Kind of Business: 1977 and 1982

[Data for 1977 are adjusted for comparable treatment of leased departments between 1977 and 1982. Each kind-of-business classification includes leased departments classified in that kind of business as if they were separate establishments. See *Historical Statistics, Colonial Times to 1970*, series T 79-196 for similar but not comparable data]

KIND OF BUSINESS	ESTABLISHMENTS (1,000)		SALES (mil. dol.)		ANNUAL PAYROLL (mil. dol.)		PAID EMPLOYEES [1] (1,000)	
	1977	1982	1977	1982	1977	1982	1977	1982
Retail trade, total	**1,870.4**	**1,923.2**	**720,459**	**1,065,917**	**85,417**	**123,619**	**12,968**	**14,468**
Building materials, hardware, garden supply, and mobile home dealers	**90.6**	**88.5**	**38,914**	**50,993**	**4,372**	**6,221**	*471*	*504*
Building materials, supply stores	40.6	40.1	27,123	35,144	2,993	4,179	294	307
Hardware stores	26.6	25.4	6,139	8,727	810	1,250	113	127
Retail nurseries, lawn and garden supply stores	15.5	16.5	1,794	3,120	266	456	36	47
Mobile home dealers	7.8	6.5	3,857	4,003	303	336	27	24
General merchandise group stores	**48.9**	**44.7**	**87,625**	**120,414**	**11,906**	**14,822**	**1,885**	**1,839**
Department stores (incl. lease depts.) [2]	8.8	10.0	76,909	107,163	*10,743*	(NA)	1,644	(NA)
Department stores (excl. leased depts.) [2]	8.8	10.0	71,053	99,170	9,966	12,495	1,519	1,515
Variety stores	17.4	13.5	6,987	8,211	985	1,085	211	161
Misc. general merchandise stores	22.7	21.3	9,784	13,033	955	1,241	156	163
Food stores [3]	**252.9**	**241.7**	**158,444**	**246,121**	**14,777**	**23,530**	**1,964**	**2,348**
Grocery stores	179.0	168.0	148,116	230,696	13,370	21,364	1,694	2,031
Meat and fish (seafood) markets	17.0	15.5	3,857	5,652	391	563	56	62
Retail bakeries	20.2	22.2	2,352	3,752	633	979	132	159
Fruit stores, vegetable markets	7.9	6.5	1,092	1,552	81	135	14	17
Candy, nut, confectionery stores	9.1	8.9	651	972	78	129	19	23
Dairy products stores	8.3	7.1	1,259	1,531	*127*	*163*	*31*	*27*
Automotive dealers [3]	**139.7**	**129.3**	**150,130**	**193,515**	**13,338**	**16,862**	**1,119**	**1,051**
Motor vehicle dealers:								
New and used cars	30.8	27.2	121,828	154,726	*10,274*	*12,309*	*790*	*699*
Used cars only	37.0	34.6	6,945	8,207	374	450	42	36
Auto and home supply stores	47.7	48.8	13,095	21,156	1,968	3,223	210	245
Boat dealers	6.6	5.5	2,597	2,936	248	304	26	23
Recreational and utility trailer dealers	5.2	3.5	2,896	2,831	207	231	20	16
Motorcycle dealers	6.4	5.6	1,980	2,930	214	308	24	27
Gasoline service stations	**177.6**	**135.5**	**56,638**	**97,440**	**3,834**	**4,768**	**673**	**604**
Apparel and accessory stores [3]	**147.8**	**159.0**	**37,164**	**57,816**	**5,207**	**7,563**	**866**	**979**
Men's and boys' clothing, furnishings	23.1	18.6	7,042	7,803	1,102	1,224	146	123
Women's clothing and specialty stores and furriers	55.1	58.8	13,629	22,264	1,902	2,756	353	397
Women's ready-to-wear stores	45.7	47.9	12,537	20,413	1,755	2,492	328	363
Family clothing stores	21.6	23.7	7,972	13,660	1,033	1,671	183	219
Shoe stores	33.4	39.4	7,058	11,419	969	1,571	146	189
Children's and infants' wear stores	5.3	6.6	737	1,410	99	172	21	28
Furniture, home furnishings, and equipment stores	**139.1**	**131.7**	**33,315**	**46,761**	**4,583**	**6,287**	**515**	**543**
Furniture stores	40.8	38.3	14,060	17,658	2,084	2,608	220	214
Home furnishing stores	42.0	44.3	6,324	9,435	897	1,320	105	124
Floor covering stores	17.2	17.1	*4,043*	*5,287*	*562*	*721*	*55*	*54*
Household appliance stores	17.6	13.9	[4] 4,727	5,855	579	697	65	59
Radio, television, and music stores	38.6	35.2	8,180	13,813	1,023	1,662	124	146
Eating and drinking places	**369.0**	**381.7**	**63,371**	**104,592**	[5] **15,437**	**25,708**	**3,765**	**4,666**
Eating places [3]	275.2	301.7	55,670	95,091	14,040	23,987	3,431	4,341
Restaurants and lunchrooms	(NA)	(NA)	(NA)	(NA)	7,784	12,935	1,884	2,291
Refreshment places	(NA)	(NA)	(NA)	(NA)	*4,466*	*8,185*	*1,160*	1,610
Drinking places (alcoholic beverages)	93.8	80.0	7,700	9,501	1,397	1,721	334	325
Drug and proprietary stores	**50.3**	**52.0**	**23,381**	**36,440**	**3,154**	**4,605**	**463**	**496**
Miscellaneous retail stores	**454.7**	**559.0**	**71,279**	**111,824**	**8,810**	**13,232**	**1,246**	**1,438**
Liquor stores	44.6	41.5	13,031	18,146	916	1,310	146	167
Used merchandise stores	49.9	59.0	2,852	4,665	395	730	61	80
Misc. shopping goods stores	166.3	190.0	21,242	35,428	*2,775*	*4,705*	*447*	*574*
Sporting goods, bicycle shops	31.6	34.7	4,673	8,012	535	926	77	106
Book stores	12.7	14.9	1,842	3,269	233	401	43	58
Stationery stores	6.4	6.6	1,125	1,561	*176*	*257*	*28*	*28*
Jewelry stores	35.4	38.7	5,712	8,829	874	1,433	111	132
Hobby, toy, game shops	18.6	22.0	1,785	3,464	181	325	34	46
Camera, photographic supply	5.7	6.7	1,175	1,948	135	225	17	21
Gift, novelty, souvenir	34.1	41.4	2,576	5,037	*332*	*694*	*69*	*110*
Luggage, leather goods	2.6	3.2	372	620	55	94	8	11
Sewing, needlework, piece goods	19.2	21.9	1,981	2,688	254	350	61	62
Nonstore retail	32.8	32.7	14,445	20,461	2,374	2,942	288	274
Mail order houses	11.0	12.2	7,560	11,362	1,110	1,194	126	103
Automatic merchandising machine operators	13.5	11.8	3,945	4,924	655	935	73	84
Direct selling establishments	8.4	8.7	2,939	4,175	609	813	88	88
Fuel and ice dealers	20.3	15.7	10,168	17,059	1,026	*1,405*	*101*	*95*
Florists	29.5	34.7	2,413	3,734	467	711	88	104
Cigar stores and stands	3.7	3.5	470	624	43	68	8	9
News dealers and newsstands	7.8	13.1	*533*	*790*	42	60	9	9
Miscellaneous retail stores, n.e.c. [6]	99.9	168.9	6,124	10,917	770	1,301	98	127
Optical goods stores	(NA)	(NA)	(NA)	(NA)	272	404	27	34

NA Not available. [1] For pay period including March 12. [2] Includes sales from catalog order desks. [3] Includes other kinds of businesses, not shown separately. [4] Revised data not carried to broader kind of business. [5] Revised. [6] N.e.c. means not elsewhere classified.

Source: U.S. Bureau of the Census, *1982 Census of Retail Trade*, RC82-A-52 (change sheet, June 1985).

No. 1397. Retail Sales—by Type of

[In millions of dollars]

Division and State	Total [1]		Food stores				General merchandise stores				Automotive dealers	
			Total		Supermarkets		Total		Department stores			
	1982	1984	1982	1984	1982	1984	1982	1984	1982	1984	1982	1984
U.S.	1,065,918	1,296,660	246,458	270,831	231,000	253,433	120,528	153,479	99,185	127,231	193,896	272,823
N.E.	62,093	80,104	13,629	15,951	12,465	14,563	6,174	8,591	5,179	7,264	10,359	15,463
ME	5,332	6,509	1,311	1,472	1,247	1,399	465	614	341	456	933	1,305
NH	5,354	6,858	1,278	1,488	1,209	1,407	527	737	415	586	962	1,416
VT	2,601	3,291	612	708	585	676	173	233	120	164	473	694
MA	28,816	38,557	6,006	7,264	5,371	6,488	3,000	4,308	2,538	3,674	4,651	7,237
RI	4,163	5,124	923	1,042	802	903	448	598	387	517	633	892
CT	15,829	19,765	3,500	3,977	3,251	3,689	1,561	2,101	1,379	1,868	2,706	3,920
M.A.	159,349	194,246	38,078	41,682	34,220	37,356	17,381	21,943	14,742	18,777	24,938	35,252
NY	72,267	89,498	17,446	19,387	15,361	17,017	7,612	9,769	6,296	8,166	9,955	14,327
NJ	36,307	44,264	8,610	9,397	7,839	8,543	3,637	4,555	3,163	3,994	6,208	8,870
PA	50,776	60,484	12,022	12,898	11,020	11,796	6,131	7,619	5,283	6,617	8,774	12,055
E.N.C.	180,556	214,265	40,116	42,459	37,456	39,592	22,119	27,324	19,081	23,714	32,365	44,911
OH	46,315	54,967	11,145	11,877	10,447	11,116	6,156	7,635	5,360	6,687	7,981	11,088
IN	23,724	30,095	5,299	5,996	5,023	5,678	2,678	3,536	2,252	2,984	4,410	6,560
IL	50,747	58,872	10,561	10,839	9,844	10,089	5,921	7,123	5,061	6,133	8,959	12,147
MI	39,216	46,783	8,518	9,028	7,835	8,290	4,944	6,128	4,437	5,537	7,521	10,456
WI	20,554	23,547	4,594	4,719	4,307	4,420	2,420	2,901	1,970	2,373	3,494	4,660
W.N.C.	78,094	97,605	16,879	19,978	16,034	18,951	9,103	11,894	7,399	9,730	14,940	22,846
MN	19,599	25,128	3,922	4,751	3,675	4,447	2,259	2,992	1,894	2,523	3,542	5,617
IA	12,646	14,638	3,012	3,340	2,877	3,187	1,366	1,655	1,066	1,286	2,374	3,333
MO	21,655	28,598	4,888	6,122	4,658	5,824	2,790	3,858	2,402	3,347	4,063	6,559
ND	3,367	4,009	579	634	547	598	349	432	285	352	829	1,208
SD	2,989	3,572	617	699	586	664	256	323	189	238	589	864
NE	6,995	8,360	1,459	1,648	1,387	1,565	797	991	598	740	1,321	1,937
KS	10,842	13,301	2,402	2,783	2,304	2,666	1,286	1,643	966	1,244	2,222	3,329
S.A.	176,375	220,147	41,345	45,153	39,223	42,786	19,521	25,491	15,412	20,304	33,357	52,730
DE	3,131	3,882	679	736	620	670	418	543	360	470	525	833
MD	20,983	27,093	4,696	5,336	4,344	4,931	2,458	3,308	2,117	2,871	3,781	6,161
DC	2,654	3,024	495	520	450	472	225	280	189	238	127	174
VA	24,706	30,046	5,843	6,273	5,580	5,981	2,881	3,675	2,237	2,876	4,599	7,000
WV	7,521	8,652	2,022	2,076	1,954	2,003	1,006	1,234	797	986	1,351	1,936
NC	25,005	32,017	6,207	7,000	6,010	6,771	2,508	3,400	1,668	2,303	4,779	7,690
SC	12,498	15,485	3,190	3,502	3,099	3,399	1,244	1,641	905	1,205	2,218	3,472
GA	24,408	30,397	5,582	6,099	5,368	5,856	2,764	3,615	2,200	2,908	4,628	7,248
FL	55,469	69,551	12,631	13,611	11,799	12,704	6,017	7,796	4,938	6,448	11,348	18,217
E.S.C.	57,701	69,946	14,460	16,415	13,973	15,842	6,959	9,257	5,115	6,883	11,003	15,605
KY	14,572	17,318	3,665	4,103	3,506	3,920	1,757	2,338	1,369	1,845	2,511	3,490
TN	19,605	24,576	4,720	5,529	4,567	5,342	2,363	3,215	1,828	2,512	3,832	5,617
AL	14,480	16,958	3,708	4,074	3,595	3,945	1,663	2,109	1,190	1,520	2,874	3,932
MS	9,044	11,094	2,367	2,709	2,304	2,634	1,177	1,595	728	1,006	1,786	2,566
W.S.C.	127,444	146,828	30,030	30,968	28,877	29,746	14,440	17,366	11,419	13,843	27,341	30,861
AR	9,114	10,484	2,130	2,203	2,065	2,134	1,154	1,433	967	1,207	1,979	2,265
LA	19,986	22,920	5,039	5,180	4,854	4,984	2,326	2,774	1,733	2,093	3,770	4,214
OK	16,071	18,626	3,805	3,941	3,693	3,820	1,812	2,214	1,294	1,605	3,713	4,245
TX	82,274	94,797	19,056	19,644	18,265	18,808	9,148	10,945	7,424	8,937	17,880	20,137
Mt.	59,298	71,362	14,086	16,159	13,539	15,515	5,859	7,614	4,621	6,047	11,253	13,429
MT	3,955	4,419	955	1,027	918	986	306	372	199	243	746	832
ID	4,060	4,503	1,065	1,140	1,037	1,108	310	371	203	243	815	902
WY	2,819	3,430	636	745	617	723	191	251	87	114	496	601
CO	16,581	20,340	3,764	4,382	3,612	4,201	1,666	2,192	1,423	1,883	3,150	3,829
NM	6,319	7,542	1,523	1,746	1,455	1,666	587	758	413	538	1,274	1,515
AZ	13,894	17,052	3,423	3,987	3,292	3,830	1,491	1,969	1,186	1,579	2,620	3,189
UT	6,327	7,421	1,513	1,698	1,448	1,623	711	896	579	728	1,196	1,384
NV	5,343	6,656	1,207	1,435	1,160	1,378	597	806	530	719	957	1,178
Pac.	165,008	202,159	37,836	42,066	35,212	39,082	18,972	23,999	16,219	20,668	28,340	41,726
WA	20,008	23,727	4,896	5,318	4,669	5,065	2,178	2,683	1,838	2,279	3,250	4,618
OR	12,634	14,268	2,738	2,823	2,597	2,675	1,787	2,115	1,394	1,660	2,258	3,022
CA	123,946	153,627	28,393	31,861	26,285	29,449	14,012	17,933	12,327	15,873	21,861	32,606
AK	3,227	4,174	709	824	685	795	335	445	216	295	419	670
HI	5,193	6,363	1,101	1,240	976	1,099	659	823	445	562	551	810

[1] Includes other types of stores, not shown separately. [2] Includes hardware dealers. [3] Includes home furnishings stores.

STORE AND STATE: 1982 AND 1984

Data are estimates]

EATING AND DRINKING PLACES		GASOLINE SERVICE STATIONS		APPAREL AND ACCESSORIES STORES		BUILDING MATERIALS DEALERS [2]		FURNITURE AND APPLIANCE STORES [1]				DIVISION AND STATE
								Total		Furniture [3]		
1982	1984	1982	1984	1982	1984	1982	1984	1982	1984	1982	1984	
103,982	124,035	97,840	104,448	57,838	66,842	51,146	66,513	47,141	63,578	17,951	22,550	U.S.
6,046	8,179	5,299	6,146	3,540	4,094	2,850	3,989	2,406	3,325	873	1,128	N.E
425	541	406	442	216	235	311	413	144	178	57	66	ME
428	567	411	469	249	284	337	470	200	275	60	76	NH
223	295	226	255	109	123	176	243	81	106	29	36	VT
3,108	4,357	2,387	2,871	1,793	2,140	1,176	1,715	1,170	1,687	447	603	MA
404	521	380	425	237	282	176	234	145	189	50	60	RI
1,457	1,898	1,489	1,684	936	1,050	675	914	666	889	230	287	CT
15,096	18,549	12,328	13,696	10,341	12,802	6,097	8,539	7,352	10,288	2,570	3,328	M.A.
7,420	9,300	4,625	5,184	5,295	6,686	2,591	3,715	3,606	5,207	1,242	1,656	NY
3,227	3,922	3,251	3,651	2,287	2,796	1,361	1,916	1,743	2,436	585	758	NJ
4,449	5,327	4,452	4,862	2,759	3,320	2,145	2,907	2,002	2,645	744	914	PA
18,183	19,589	19,154	19,744	9,426	10,634	7,982	10,551	7,473	9,589	2,717	3,241	E.N.C.
4,683	5,084	5,408	5,624	1,956	2,215	1,837	2,435	1,808	2,334	692	830	OH
2,333	2,695	2,790	3,070	1,079	1,302	1,166	1,664	902	1,229	338	431	IN
5,138	5,385	4,716	4,711	3,291	3,642	2,143	2,749	2,203	2,769	829	971	IL
3,819	4,132	4,069	4,200	2,249	2,552	1,790	2,375	1,683	2,170	577	690	MI
2,211	2,294	2,171	2,139	851	923	1,046	1,328	877	1,087	281	318	WI
7,183	7,937	8,436	9,209	3,773	3,997	4,657	5,806	3,143	4,123	1,282	1,575	W.N.C.
1,801	2,032	2,108	2,351	922	1,000	1,221	1,560	776	1,050	292	367	MN
1,137	1,169	1,416	1,454	618	614	798	926	485	586	206	236	IA
2,037	2,390	2,299	2,645	1,015	1,140	1,100	1,462	822	1,138	308	398	MO
291	297	371	385	174	172	246	285	138	170	67	78	ND
275	291	370	391	147	150	204	244	114	141	53	62	SD
687	727	769	806	352	359	449	545	342	436	185	228	NE
956	1,031	1,104	1,176	544	563	638	785	467	601	171	206	KS
16,667	19,950	16,282	17,096	9,227	9,953	8,757	11,889	8,299	11,447	3,448	4,448	S.A.
266	316	274	286	169	181	158	212	136	183	52	65	DE
1,944	2,409	2,037	2,223	1,126	1,261	791	1,114	951	1,366	335	443	MD
563	654	185	185	241	252	40	49	132	173	58	71	DC
2,152	2,517	2,451	2,528	1,245	1,313	1,083	1,421	1,168	1,581	499	632	VA
544	601	738	724	338	339	455	569	291	357	140	163	WV
2,172	2,683	2,006	2,142	1,390	1,553	1,523	2,129	1,219	1,707	584	767	NC
1,114	1,343	1,250	1,320	692	751	728	986	585	806	276	362	SC
2,293	2,759	2,457	2,592	1,261	1,363	1,319	1,799	1,050	1,439	441	565	GA
5,619	6,667	4,883	5,095	2,766	2,939	2,661	3,611	2,767	3,835	1,061	1,378	FL
4,741	5,330	5,646	6,247	2,936	3,533	2,893	3,229	2,286	3,026	1,055	1,317	E.S.C.
1,277	1,420	1,628	1,784	642	758	758	837	538	689	241	290	KY
1,708	1,988	2,048	2,351	989	1,235	900	1,032	825	1,141	361	469	TN
1,126	1,218	1,237	1,310	857	999	753	813	583	745	282	339	AL
630	705	733	803	449	541	482	547	339	451	172	218	MS
11,410	14,676	10,410	11,194	7,446	7,834	6,963	10,784	5,717	7,455	2,350	2,861	W.S.C.
657	837	808	875	476	507	486	729	338	421	165	196	AR
1,843	2,358	1,601	1,719	1,147	1,202	1,171	1,805	932	1,212	404	494	LA
1,440	1,867	1,174	1,253	958	1,014	945	1,475	730	951	303	371	OK
7,470	9,614	6,827	7,347	4,864	5,111	4,361	6,775	3,717	4,870	1,478	1,801	TX
6,059	6,825	5,874	6,269	2,752	2,853	3,429	4,568	2,672	4,134	1,038	1,496	Mt.
424	447	403	401	201	197	272	336	173	247	61	82	MT
375	389	368	371	179	173	263	318	173	236	80	106	ID
284	326	407	446	139	147	201	274	98	150	36	51	WY
1,854	2,126	1,472	1,590	785	826	966	1,314	796	1,271	276	409	CO
629	707	632	672	328	340	398	540	251	380	115	164	NM
1,428	1,631	1,342	1,452	558	586	695	946	657	1,040	246	361	AZ
511	557	675	703	297	301	369	477	315	471	152	216	UT
553	642	575	635	264	283	265	362	209	339	71	106	NV
18,596	22,999	14,411	14,847	8,396	11,141	7,518	9,160	7,793	10,191	2,617	3,157	Pac.
2,268	2,728	1,737	1,717	986	1,268	1,101	1,309	845	1,064	297	347	WA
1,353	1,539	1,147	1,073	601	731	565	623	517	605	173	188	OR
13,684	17,093	10,901	11,412	6,297	8,439	5,354	6,559	6,131	8,109	2,047	2,494	CA
411	528	215	224	130	181	344	471	133	191	42	55	AK
880	1,111	411	421	383	523	154	198	167	223	59	73	HI

Source: Market Statistics, New York, NY, *The Survey of Buying Power Data Service*, annual (copyright).

No. 1398. Domestic Franchising—Summary: 1970 to 1985

[Franchising is a form of marketing or distribution in which a parent company customarily grants an individual or a company the right, or privilege, to do business in a prescribed manner over a certain period of time in a specified place. The parent company is termed the franchisor; the receiver of the privilege the franchisee; and the right, or privilege, the franchise. Excludes foreign outlets of U.S. companies]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984 [1]	1985 [1]
Number of franchised establishments	1,000	**396**	**435**	**452**	**452**	**442**	**442**	**439**	**442**	**455**	**481**
Company-owned [2]	1,000	72	81	85	85	85	86	87	86	88	91
Franchisee-owned	1,000	324	354	367	367	357	356	352	355	367	390
Sales of products and services	Bil. dol.	**120**	**191**	**287**	**312**	**336**	**365**	**376**	**423**	**484**	**529**
Company-owned [2]	Bil. dol.	23	29	44	39	47	51	55	59	64	70
Franchisee-owned	Bil. dol.	96	162	243	273	289	314	321	364	420	459
Average sales per establishment	$1,000	302	439	635	690	760	824	856	958	1,064	1,099
Employment	1,000	(NA)	3,511	4,496	4,605	4,668	4,878	4,927	5,165	(NA)	(NA)

NA Not available. [1] Estimated by respondents to annual survey of franchisors. [2] Represents establishments owned by the parent company.

Source: U.S. Dept. of Commerce, International Trade Administration, *Franchising in the Economy, 1983-85.*

No. 1399. Domestic Franchising—Number of Establishments and Sales, by Kind of Franchised Business: 1970 to 1985

[See headnote, table 1398, for definition of franchising]

KIND OF FRANCHISED BUSINESS	NUMBER OF ESTABLISHMENTS (1,000)						SALES (mil. dol.)					
	1970	1975	1980	1983	1984 [1]	1985 [1]	1970	1975	1980	1983	1984 [1]	1985 [1]
All franchising, total	**396.3**	**434.5**	**442.4**	**441.8**	**454.7**	**481.2**	**119,758**	**190,931**	**336,220**	**422,831**	**483,725**	**529,255**
Auto and truck dealers [2]	37.2	31.8	29.4	26.8	26.9	27.0	58,812	94,497	143,861	192,991	235,156	257,583
Percent	9.4	7.3	6.6	6.1	5.9	5.6	49.1	49.5	42.8	45.6	48.6	48.7
Restaurants (all types)	32.6	43.0	60.0	67.5	71.8	78.7	4,602	12,262	27,867	38,692	42,917	48,926
Percent	8.2	9.9	13.6	15.3	15.8	16.4	3.8	6.4	8.3	9.2	8.9	11.4
Gasoline service stations [2]	222.0	189.5	158.5	136.6	132.1	130.0	29,340	47,387	94,470	103,121	107,040	111,322
Percent	56.0	43.6	35.8	31.0	29.1	27.0	24.5	24.8	28.1	24.4	22.1	22.1
Retailing (nonfood)	30.7	37.2	35.2	38.2	41.0	44.8	13,133	9,031	10,517	13,243	15,635	18,790
Percent	7.7	8.6	8.0	8.7	9.0	9.3	11.0	4.7	3.1	3.1	3.2	3.2
Auto, truck rental services	[3] 10.7	6.5	7.3	10.8	11.4	12.2	[3] 1,177	1,475	3,146	4,308	4,749	5,282
Automotive products and services [4]	20.4	47.5	40.2	36.5	36.8	38.0	1,936	5,006	7,084	8,725	9,561	10,604
Business aids and services	10.5	22.2	40.7	46.4	50.8	57.3	723	1,397	6,749	8,593	10,018	12,076
Employment services	2.9	2.7	4.4	4.2	4.6	5.2	516	553	1,594	2,023	2,398	2,780
Tax preparation services	4.7	7.5	9.2	9.1	9.1	9.2	85	161	289	394	350	377
Accounting, credit, collection, and general	1.1	3.5	2.4	2.3	2.5	2.9	20	165	121	159	175	202
Other	1.7	8.3	24.7	30.8	34.6	40.0	101	518	4,745	6,017	7,095	8,717
Construction, home improvement, maintenance, and cleaning	.7	10.8	14.3	17.5	18.8	21.5	63	639	1,475	2,700	3,128	3,720
Convenience stores	8.8	13.5	15.6	14.7	15.3	16.0	1,727	3,906	7,821	10,148	11,189	12,309
Educational products and services	4.9	1.3	3.2	6.5	7.0	8.0	86	173	339	600	671	785
Equipment rental services	[3]	1.4	2.2	2.1	2.3	2.7	[3]	157	356	539	601	698
Food retailing [5]	(NA)	11.8	15.5	15.2	16.8	19.2	(NA)	1,445	7,430	8,596	9,257	10,370
Hotels and motels [6]	3.4	6.4	6.4	6.8	7.2	7.7	3,540	4,601	9,506	12,427	13,609	14,631
Laundry, dry cleaning services	4.1	3.2	3.4	2.9	3.1	3.3	144	214	286	256	285	327
Recreation, entertainment, travel	2.7	3.4	4.6	6.5	7.0	7.7	77	162	516	1,004	1,444	1,840
Soft drink bottlers [2] [7]	2.7	2.4	1.9	1.6	1.5	1.5	4,102	8,165	14,352	16,200	17,700	19,100
Miscellaneous	4.8	2.7	3.6	4.5	4.8	5.7	295	414	447	688	764	893

NA Not available. [1] Estimated by respondents. [2] Estimated by source on basis of Bureau of the Census and trade association data. [3] Equipment rental services included with auto, truck rental services. [4] Includes some establishments with significant sales of nonautomotive products such as household appliances, garden supplies, etc. [5] Excludes convenience stores. [6] Beginning 1975, includes campgrounds. [7] Includes soft drinks, fruit drinks and ades, syrups, flavoring agents and bases. Excludes independent private label and contract-filler bottling companies, which accounted for 22 percent of the value of shipments of the total industry in recent years.

Source: U.S. Dept. of Commerce, International Trade Administration, *Franchising in the Economy, 1983-85.*

No. 1400. Franchised New Car Dealerships—Summary: 1970 to 1984

[Calendar year, except as indicated]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Dealerships, total [1]	Number	30,800	29,600	29,100	29,000	28,850	28,250	26,600	25,700	24,725	24,725
Handling—											
Domestic only [2]	Number	22,500	18,500	17,700	11,800	11,650	11,600	10,000	14,450	14,675	14,625
Imports only [2]	Number	4,500	4,600	4,500	4,500	4,500	4,550	4,550	4,000	3,950	3,875
Both	Number	3,800	6,500	6,900	12,700	12,700	12,100	12,050	7,250	6,100	6,225
Sales	Bil. dol.	51.8	84.2	121.9	136.5	142.9	130.5	144.6	154.8	189.8	230.6
New cars	1,000	8,393	8,633	11,179	11,310	10,660	8,979	8,533	7,980	9,182	10,391
Used vehicles	1,000	11,283	11,281	12,944	13,030	11,614	10,287	10,760	10,459	11,195	12,473
Employment	1,000	702.9	728.0	810.4	861.8	8,373	753.7	705.1	705.7	730.3	779.8
Annual payroll	Bil. dol.	5.5	8.4	11.0	12.1	12.1	11.9	12.1	12.5	13.6	15.4
Advertising expenses	Bil. dol.	.4	.6	1.0	1.1	1.1	1.2	1.3	1.4	1.7	2.2
Inventory: [3]											
Domestic: [2]											
Total	1,000	1,409	1,514	1,682	1,804	1,891	1,506	1,457	1,294	1,209	1,413
Days' supply	Days	60	67	58	61	70	71	74	71	55	55
Imported: [2]											
Total	1,000	(NA)	407	431	607	502	458	427	381	260	216
Days' supply	Days	(NA)	80	64	93	63	55	52	54	34	26

NA Not available. [1] At beginning of year. [2] Classification based on where automobiles are produced (i.e., automobiles manufactured by foreign companies but produced in the U.S. are classified as domestic). [3] Annual average.

Source: National Automobile Dealers Association, McLean, VA., *NADA Data*, annual.

No. 1401. Drugs and Toiletries—Retail Sales: 1982 to 1984

[**In millions of dollars.** Excludes government and hospital use. Due to changes in product components, data not strictly comparable year to year]

PRODUCT	1982	1983	1984	PRODUCT	1982	1983	1984
Total sales	47,523	52,569	57,012	**Toiletries**	17,702	18,469	19,947
Drugs and health aids	29,821	34,100	37,065	Cosmetics [1]	4,450	4,790	5,006
Prescriptions	16,154	19,654	20,693	Lipstick	1,048	1,132	1,179
Baby needs	3,694	3,956	4,758	Mascara	835	910	956
Disposable diapers	2,078	2,223	2,356	Hair care [1]	4,410	4,725	4,791
Analgesics	1,655	1,635	1,858	Shampoo	1,406	1,510	1,575
Aspirin-salicylate compounds	796	726	799	*Hair dressing*	1,332	1,422	1,664
Cough/cold items	1,400	1,523	1,590	Hair accessories	872	921	637
Feminine hygiene	1,235	1,271	1,335	Personal hygiene	[1] 2,152	[1] 1,747	2,382
Digestive aids	1,227	1,285	1,311	Bath soaps	1,265	773	1,370
Antacids	742	780	806	*Deodorants*	*870*	*960*	*1,012*
Home health care	1,110	1,174	1,378	Dental products	1,923	2,074	2,181
Vitamins	1,257	1,305	1,366	Toothpaste	922	996	1,046
First aid	839	881	912	Fragrances	1,864	1,966	2,109
Diet aids	450	555	711	*Men's*	*912*	*964*	*1,044*
Foot care	278	291	238	Women's	952	1,002	1,065
Other	521	570	715	Skin and sun care products	1,685	1,803	1,904
				Shaving products	1,218	1,364	1,574

[1] Includes other products, not shown separately.

Source: Medical Economics Company, Inc., Oradell, NJ, *Drug Topics*, Marketing Guide, annual. (Further reproduction prohibited without written permission of copyright owner.)

No. 1402. Wholesale Trade—Summary: 1954 to 1982

[Prior to 1958, excludes Alaska and Hawaii. Data for 1972 through 1982 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43–47, and T 274–279]

ITEM	Unit	1954	1958	1963	1967	1972	1977	1982
Firms, total	1,000	(NA)	(NA)	232	233	276	289	321
Establishments, total	1,000	250	287	308	311	370	383	416
With sales of $1,000,000 or more	1,000	(NA)	(NA)	62	75	103	152	190
Sales, all establishments	Bil. dol.	234.0	285.7	358.4	*459.5*	*695.2*	*1,258.4*	*1,998*
Merchant wholesalers	Bil. dol.	100.1	122.1	157.4	206.1	353.9	676.1	1,159
Inventories, end of year	Bil. dol.	13.0	15.0	20.1	28.1	45.7	82.3	130.7
Payroll, entire year	Bil. dol.	10.9	13.2	18.1	23.9	36.9	58.3	95.2
Paid employees, Mar. 15 workweek [1]	1,000	2,555	2,808	3,089	3,519	4,026	*4,397*	*4,985*
Active proprietors of unincorporated businesses	1,000	150	158	133	122	(NA)	(NA)	(NA)

NA Not available. [1] 1954–1963 data for workweek including Nov. 15.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1954*, vol. III; *1958*, vol. III; *1963*, vol. IV; *1967*, vol. III; and *Census of Wholesale Trade: 1972*, vol. I; *1977*, WC 77-A-52 and *1982*, WC 82-A-52.

No. 1403. Merchant Wholesalers—Summary: 1975 to 1984

(Data reflect methodological revision effective August 1977. Based on Current Business Survey; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series T 280-371, for related sales data)

SIC [1] CODE	KIND OF BUSINESS	1975	1978	1979	1980	1981	1982	1983	1984
	SALES (mil. dol.)								
	Merchant wholesalers	**561,637**	**800,084**	**953,775**	**1,124,646**	**1,224,247**	**1,155,481**	**1,205,093**	**1,360,853**
50	**Durable goods [2]**	**231,692**	**368,288**	**432,456**	**483,079**	**523,356**	**480,299**	**516,964**	**609,210**
501	Motor vehicles and automotive equipment	39,681	69,924	76,221	83,142	89,608	91,394	101,984	121,188
502	Furniture and home furnishings	8,265	12,826	14,492	16,276	17,914	17,663	20,199	23,716
503	Lumber and other construction material	17,261	34,321	38,415	36,390	34,872	(S)	40,712	44,561
505	Metals and minerals, except petroleum	(S)	43,679	56,473	63,436	70,432	(S)	52,728	64,928
506	Electrical goods	22,747	36,611	42,558	48,889	53,608	55,837	67,315	86,814
507	Hardware, plumbing, and heating equipment	15,200	23,417	26,895	29,109	31,030	29,255	32,293	37,671
508	Machinery, equipment, and supplies	69,153	102,813	123,422	140,680	157,203	140,896	136,817	162,893
509	Miscellaneous durable goods	(S)	(S)	(S)	(S)	(S)	(S)	(S)	53,166
51	**Nondurable goods [2]**	**329,945**	**431,796**	**521,319**	**641,567**	**700,891**	**675,182**	**688,129**	**751,643**
511	Paper and paper products	11,215	17,228	19,790	22,608	25,072	25,937	26,617	34,473
512	Drugs, drug proprietaries, and druggists' sundries	8,750	10,959	12,235	13,802	15,943	(S)	19,739	22,143
514	Groceries and related products	95,754	127,124	139,201	155,372	165,374	174,687	190,308	208,925
515	Farm-product raw materials	83,264	93,471	108,298	125,433	126,899	(S)	123,307	126,154
518	Beer, wine, and distilled beverages	19,370	25,860	28,739	31,911	34,683	36,456	36,869	37,646
519	Miscellaneous nondurable goods	43,651	53,010	65,761	77,501	86,354	88,492	90,732	101,373
	INVENTORIES [3] (mil. dol.)								
	Merchant wholesalers	**56,972**	**86,442**	**99,348**	**113,623**	**118,438**	**118,290**	**121,407**	**132,733**
50	**Durable goods [2]**	**36,972**	**56,520**	**64,014**	**72,751**	**77,940**	**77,972**	**77,099**	**86,024**
501	Motor vehicles and automotive equipment	6,576	10,121	10,636	11,524	11,799	13,328	12,915	14,941
502	Furniture and home furnishings	1,234	1,898	2,167	2,427	2,473	2,418	2,555	2,949
506	Electrical goods	3,530	5,584	6,249	7,284	8,469	8,624	9,014	12,334
507	Hardware, plumbing, and heating equipment	2,677	3,918	4,476	4,921	5,113	4,775	4,881	5,594
508	Machinery, equipment, and supplies	12,950	20,191	23,337	27,465	29,791	29,284	28,389	29,836
51	**Nondurable goods [2]**	**20,000**	**29,922**	**35,334**	**40,872**	**40,498**	**40,318**	**44,308**	**46,709**
511	Paper and paper products	1,010	1,391	1,654	1,862	2,086	2,048	2,488	2,715
514	Groceries and related products	4,449	6,492	6,694	7,298	7,293	7,645	8,439	9,221
518	Beer, wine, and distilled beverages	1,745	2,574	2,818	3,060	3,272	3,353	2,897	3,061
519	Miscellaneous nondurable goods	3,276	5,308	6,056	7,003	7,550	7,403	7,906	9,328
	SALES/INVENTORY RATIO [3]								
	Merchant wholesalers	**9.86**	**9.26**	**9.60**	**9.90**	**10.34**	**9.77**	**9.93**	**10.25**
50	**Durable goods [2]**	**6.27**	**6.52**	**6.76**	**6.64**	**6.71**	**6.16**	**6.71**	**7.08**
501	Motor vehicles and automotive equipment	6.03	6.91	7.17	7.21	7.59	6.86	7.90	8.11
502	Furniture and home furnishings	6.70	6.76	6.69	6.71	7.24	7.30	7.91	8.04
506	Electrical goods	6.44	6.56	6.81	6.71	6.35	6.47	7.47	7.04
507	Hardware, plumbing, and heating equipment	5.68	5.98	6.01	5.92	6.07	6.13	6.62	6.73
508	Machinery, equipment, and supplies	5.34	5.09	5.29	5.12	5.28	4.81	4.89	5.46
51	**Nondurable goods [2]**	**16.50**	**14.43**	**14.75**	**15.70**	**17.31**	**16.75**	**15.53**	**16.09**
511	Paper and paper products	11.10	12.39	11.96	12.14	12.02	12.66	11.50	12.70
514	Groceries and related products	21.52	19.58	20.79	21.29	22.68	22.85	22.55	22.66
518	Beer, wine, and distilled beverages	11.10	10.05	10.20	10.43	10.60	10.87	12.73	12.30
519	Miscellaneous nondurable goods	13.32	9.99	10.86	11.07	11.44	11.95	11.48	10.87

S Data do not meet publication standards. [1] Standard Industrial Classification. [2] Includes kinds of businesses, not shown separately. [3] End of year inventories; seasonally adjusted.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BW, annual; and *Monthly Wholesale Trade*.

No. 1404. Wholesale Trade—Summary, by State: 1982

Division and State	Establishments	Sales (bil. dol.)	Annual payroll: Total (mil. dol.)	Annual payroll: As percent of operating expenses	Paid employees [1] (1,000)	Merchant wholesalers: Establishments	Merchant wholesalers: Sales (bil. dol.)	Percent change 1977–1982: Sales	Percent change 1977–1982: Annual payroll
U.S	**415,629**	**1,997.9**	**95,209**	**47.0**	**4,985**	**337,943**	**1,159.3**	**58.8**	**63.3**
N. Eng.:									
ME	1,654	4.2	261	46.6	18	1,465	3.1	49.0	46.6
NH	1,487	4.1	293	50.4	16	1,220	2.8	102.0	98.2
VT	800	1.9	126	45.2	9	720	1.6	81.1	67.7
MA	9,709	49.8	2,654	49.4	132	7,637	26.3	64.6	71.2
RI	1,549	5.0	307	47.3	18	1,334	3.2	61.6	48.8
CT	5,329	32.7	1,433	46.9	69	4,241	19.8	70.1	76.5
Mid. Atl.:									
NY	*39,106*	*261.2*	*9,205*	*43.8*	*430*	*32,622*	*176.3*	*57.9*	*50.5*
NJ	14,739	89.4	4,481	43.2	211	11,789	46.2	61.5	69.0
PA	17,873	78.4	4,167	49.3	221	14,206	38.9	46.1	47.9
E. No. Cent.:									
OH	16,965	79.6	4,238	49.1	221	12,987	37.5	29.0	44.8
IN	8,953	31.5	1,687	48.0	99	7,459	19.1	23.9	37.9
IL	21,722	131.1	6,114	47.0	287	16,975	65.5	35.0	45.3
MI	12,999	59.8	3,041	49.0	146	10,159	27.6	32.5	44.2
WI	8,159	27.4	1,621	49.8	91	6,832	16.6	39.5	45.8
W. No. Cent.:									
MN	9,020	*47.4*	*2,047*	49.6	104	7,334	30.6	62.9	59.4
IA	7,393	25.8	1,117	43.9	69	6,507	19.2	28.6	35.4
MO	10,149	49.4	2,264	47.8	122	8,202	27.5	40.8	49.0
ND	2,109	6.0	313	48.6	19	1,880	4.7	53.7	60.2
SD	1,803	4.9	226	46.6	16	1,635	3.0	42.7	39.4
NE	4,073	17.4	703	47.5	42	3,565	10.1	63.5	42.3
KS	5,607	24.5	1,023	47.6	58	4,605	15.5	40.4	56.7
So. Atl.:									
DE	819	7.3	314	34.8	14	669	2.1	41.7	63.3
MD	5,507	25.8	1,485	49.7	77	4,333	13.3	52.7	64.6
DC	495	2.6	193	53.7	9	394	1.5	21.6	14.3
VA	6,960	28.7	1,602	50.5	91	5,687	14.8	50.4	67.8
WV	2,380	6.1	430	48.6	26	2,016	4.1	35.8	43.5
NC	10,234	39.6	1,939	48.5	116	8,219	18.9	43.8	54.7
SC	4,539	12.7	711	47.7	46	3,884	7.8	53.5	54.0
GA	11,322	56.1	2,559	46.8	140	8,651	22.2	59.3	75.0
FL	19,537	65.6	3,562	46.7	212	16,287	39.1	90.8	95.5
E. So. Cent.:									
KY	5,278	19.2	966	48.1	60	4,338	11.0	42.4	49.4
TN	7,853	37.8	1,761	46.5	102	6,329	19.4	29.2	57.2
AL	5,913	19.6	1,074	46.6	68	4,948	12.2	38.5	52.2
MS	3,633	10.8	571	46.5	38	3,189	8.5	54.4	50.1
W. So. Cent.:									
AR	3,769	10.7	576	47.5	39	3,319	7.3	57.6	59.2
LA	7,678	36.1	1,740	47.0	98	6,335	24.9	84.6	82.1
OK	6,167	28.1	1,306	47.9	71	5,176	18.5	109.3	104.5
TX	31,978	205.0	8,070	47.2	417	25,670	122.7	133.7	109.4
Mt.:									
MT	1,809	4.9	266	47.9	16	1,588	3.7	66.4	63.6
ID	2,026	5.1	308	45.2	22	1,773	3.7	58.9	46.1
WY	1,091	3.3	178	49.6	10	905	2.8	67.7	134.9
CO	6,357	26.9	1,478	50.3	77	4,940	15.2	72.1	86.9
NM	2,123	5.1	345	49.3	21	1,821	4.1	89.3	79.7
AZ	*4,555*	*13.9*	*906*	*49.6*	*52*	*3,721*	*8.3*	*72.1*	*92.5*
UT	2,585	8.7	551	48.4	31	2,085	5.3	62.7	68.0
NV	1,233	3.9	252	45.2	14	1,073	2.6	122.1	98.7
Pac.:									
WA	7,889	31.3	1,777	48.6	90	6,180	18.5	57.6	63.8
OR	5,180	26.9	1,107	47.3	58	4,221	18.9	48.8	44.6
CA	43,278	217.7	11,365	46.4	548	34,832	128.6	69.3	79.4
AK	706	2.7	206	50.4	7	552	1.6	75.2	77.3
HI	1,737	4.1	288	46.3	17	1,434	2.5	58.8	62.0

[1] For the pay period including March 12.

Source: U.S. Bureau of the Census, *1982 Census of Wholesale Trade*, Geographic Area Series, WC82-A-1 to 51.

No. 1405. Wholesale Trade, by Type of Operation and Kind of Business: 1977 and 1982

[See *Historical Statistics, Colonial Times to 1970,* series T 274-287 and T 352-369 for similar but not comparable data]

Type of operation and kind of business	Establishments (1,000)		Sales (mil. dol.)		Annual payroll (mil. dol.)		Paid employees [1] (1,000)	
	1977	1982	1977	1982	1977	1982	1977	1982
Wholesale trade	**382.8**	**415.8**	**1,258,400**	**1,997,895**	**58,290**	**95,209**	**4,397**	**4,985**
Merchant wholesalers	307.2	337.9	676,058	1,159,334	42,067	69,936	3,368	3,918
Other operating types	75.6	77.9	582,342	838,561	16,223	25,273	1,029	1,067
Durable goods	**226.2**	**256.1**	**608,756**	**881,212**	**34,998**	**57,368**	**2,539**	**2,913**
Motor vehicles, automotive equipment	38.9	39.5	147,112	187,607	5,148	7,524	423	433
Furniture, home furnishings	11.1	12.5	22,032	32,452	1,445	2,367	110	126
Lumber, construction materials	15.7	17.0	46,179	50,694	2,502	3,429	180	184
Sporting, recreational, photographic goods [2]	6.6	7.3	16,521	26,980	1,024	1,646	77	85
Metals and minerals, except petroleum	9.4	10.1	80,298	102,690	2,178	3,359	133	148
Electrical goods	24.9	29.2	69,999	120,062	3,922	7,462	277	357
Hardware, plumbing, heating equipment	18.6	20.8	30,605	43,529	2,576	4,051	194	217
Machinery, equipment, supplies	84.0	99.2	165,057	263,309	14,350	24,804	986	1,192
Miscellaneous	17.1	20.5	30,952	53,889	1,852	2,726	160	171
Nondurable goods	**156.6**	**159.7**	**649,644**	**1,116,683**	**23,292**	**37,841**	**1,858**	**2,072**
Paper, paper products	11.7	13.9	32,509	53,493	2,103	3,586	149	187
Drugs, drug proprietaries [3]	3.6	3.9	19,445	33,987	1,148	1,975	89	106
Apparel, piece goods, notions	13.0	14.3	39,895	55,897	1,830	2,897	131	144
Groceries and related products	38.0	38.5	182,905	288,659	7,469	12,269	602	674
Farm-product raw materials	14.8	13.9	110,332	153,419	1,273	1,839	135	136
Chemicals, allied products	8.5	10.7	51,661	76,103	1,603	2,902	100	124
Petroleum, petroleum products	22.6	18.7	116,780	296,995	2,249	3,433	179	188
Beer, wines, distilled alcoholic beverages	6.7	6.4	26,979	42,122	1,841	3,091	122	141
Miscellaneous	37.8	39.4	69,138	116,008	3,778	5,849	351	372

[1] For pay period including March 12. [2] Includes toys, hobby goods, and supplies. [3] Includes druggists sundries.

Source: U.S. Bureau of the Census, *Census of Wholesale Trade, 1977,* Geographic Area Series, WC 77-A-52, and *1982,* Geographic Area Series, WC 82-A-52.

No. 1406. Selected Service Industries—Summary: 1977 and 1982

[For establishments with paid employees]

Item	Unit	Firms subject to federal income tax			Firms exempt [2]
		1977	1982		1982
			Original	Revised [1]	
Firms	1,000	654	1,154	740	121
Total establishments	1,000	725	1,262	827	147
Single unit	1,000	635	1,111	708	112
Multiunit	1,000	90	151	119	36
Receipts [3]	Bil. dol.	164.2	427.0	310.7	61.5
Average receipts [3] per establishment	$1,000	226.5	338.4	375.7	418.4
Of multiunit establishments	Bil. dol.	63.5	163.9	140.1	24.3
Percent of total [3]	Percent	38.7	38.4	45.1	39.5
Payroll, entire year	Bil. dol.	56.1	158.6	107.9	23.1
Paid employees [4]	1,000	6,337	11,106	8,060	2,280

[1] Because of the differences in scope between 1977 and 1982, the 1982 data have been recomputed to be comparable to 1977 (Standard Industrial Classification codes 702, 704, 80 (excluding 8072), 82 (excluding 821, 822), 83, 893, and 899 excluded). [2] No similarly published data in 1977. [3] Revenue for tax-exempt activity. [4] For workweek including March 12.

Source: U.S. Bureau of the Census, *Census of Service Industries, 1977* vol. 1, and *1982* SC 82-I-1, and unpublished data.

No. 1407. Hotel and Motor Hotel Operations—Occupancy Ratio, Sales Indexes, and Room Rate Index: 1960 to 1984

[Annual averages of monthly figures. Based on monthly reports from lodging establishments (approximately 1400 in 1984). Prior to 1980, economy operations were excluded. See table 1420]

Item	1960	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Occupancy ratio (percent)	**65**	**55**	**65**	**62**	**66**	**68**	**72**	**71**	**68**	**67**	**65**	**65**	**66**
Sales indexes (1967=100):													
Total sales	94	107	128	132	147	163	188	210	234	251	256	267	289
Room sales	90	112	137	145	164	185	218	249	283	305	313	329	361
Restaurant sales	97	100	118	119	129	139	156	167	180	191	193	198	209
Room rate index (1967=100)	**86**	**125**	**150**	**165**	**178**	**194**	**220**	**255**	**295**	**326**	**348**	**361**	**387**

Source: Laventhol & Horwath, Philadelphia, PA, *National Trend of Business in the Lodging Industry,* monthly. (Copyright.)

NO. 1408. SERVICE INDUSTRIES ESTIMATED ANNUAL RECEIPTS: 1977 TO 1984

[**In millions of dollars.** Except as noted, data are benchmarked to the 1977 and 1982 Census of Service Industries]

SIC [1] code	KIND OF BUSINESS	1977	1980	1981	1982	1983	1984
7	**Selected services, total**	(NA)	(NA)	(NA)	(NA)	**292,110**	**325,267**
7, ex. 73	Total (exc. business services)	[2] 92,925	132,443	145,819	151,141	163,294	177,015
701, 3	Hotels motels tourist courts, camps, and trailering parks	18,523	28,323	32,041	33,950	37,207	40,276
701	Hotels, motels, and tourist courts	17,719	26,952	30,921	32,749	35,897	38,917
72	Personal services [3]	18,443	25,133	27,373	28,463	32,525	34,779
721	Laundry, cleaning, and garment services [3]	6,829	9,213	9,575	9,913	10,743	12,271
7215	Coin-operated laundries and dry cleaning	(NA)	1,403	1,467	1,481	1,528	1,688
7216	Dry cleaning plants, except rug cleaning	(NA)	2,776	2,871	3,004	3,326	3,796
722	Photographic studios, portrait	(NA)	1,702	1,875	2,027	2,161	2,132
723	Beauty shops	4,274	5,798	6,126	6,437	7,755	8,106
724	Barber shops	992	1,089	1,042	1,018	1,068	1,027
726	Funeral service and crematories	(NA)	3,491	3,706	3,936	4,165	4,507
73	Business services [3] [4]	(NA)	(NA)	(NA)	(NA)	128,816	148,252
731	Advertising	(NA)	(NA)	(NA)	(NA)	12,086	13,779
7311	Advertising agencies	(NA)	(NA)	(NA)	(NA)	8,737	9,860
734	Services to dwellings and other buildings	(NA)	(NA)	(NA)	(NA)	9,161	10,199
736	Personnel supply services	(NA)	(NA)	(NA)	(NA)	10,845	14,309
737	Computer and data processing services	(NA)	(NA)	(NA)	(NA)	22,534	26,106
7372	Computer programming and other software services	(NA)	(NA)	(NA)	(NA)	8,295	10,019
7374	Data processing services	(NA)	(NA)	(NA)	(NA)	10,283	11,564
7379	Computer related services, n.e.c	(NA)	(NA)	(NA)	(NA)	3,956	4,525
7392	Management consulting, and public relations services	(NA)	(NA)	(NA)	(NA)	24,784	27,834
7393	Detective agencies and protective services	(NA)	(NA)	(NA)	(NA)	5,716	6,454
75	Automotive repair, services, and garages [3]	21,576	30,547	32,270	33,784	35,745	40,184
751	Automotive rental and leasing, without drivers [3]	(NA)	8,759	9,456	9,751	10,395	11,721
7512	Passenger car rental and leasing, without drivers	(NA)	4,691	5,011	5,290	5,770	6,568
7513	Truck rental and leasing, without drivers	(NA)	3,988	4,362	4,383	4,530	5,033
752	Automobile parking	(NA)	1,386	1,511	1,592	1,886	2,254
753	Automotive repair shops	12,770	18,077	19,112	20,415	21,714	23,732
76	Miscellaneous repair services	11,028	15,424	16,928	16,032	16,070	17,449
7622	Radio and television repair shops	(NA)	1,391	1,540	1,585	1,619	1,621
78	Motion pictures	(NA)	12,509	13,692	13,964	14,533	15,585
783	Motions picture theaters	(NA)	3,628	3,462	3,610	3,676	3,950
79	Amusement and recreation services, except motion pictures	(NA)	20,507	23,515	24,948	27,214	28,742
793	Bowling alleys and billiard and pool establishments	*(NA)*	*2,186*	*2,241*	*2,309*	*2,526*	*2,518*
7996	Amusement parks	(NA)	1,610	1,744	1,824	2,246	2,325
	OTHER SERVICES						
80, ex. 808	Health services, except hospitals [3] [5]	(NA)	79,980	95,271	105,330	116,183	130,027
801	Offices of physicians	(NA)	38,754	45,625	50,663	56,890	62,386
802	Offices of dentists	(NA)	12,639	14,879	16,071	17,084	18,264
805	Nursing and personal care facilities	(NA)	13,332	15,944	17,585	18,684	21,262
8071	Medical laboratories	(NA)	2,160	2,408	2,820	3,221	3,437
8072	Dental laboratories	(NA)	1,129	1,241	1,263	1,325	1,360
81	Legal services [4] [6]	(NA)	25,693	30,644	34,325	39,704	44,912
891	Engineering, architectural, and surveying services	(NA)	(NA)	(NA)	(NA)	34,011	36,664
893	Accounting, auditing, and bookkeeping services	(NA)	(NA)	(NA)	(NA)	17,352	19,250
4722	Arrangement of passenger transportation [4]	(NA)	(NA)	(NA)	(NA)	4,745	5,718
653	Real estate agents and managers [4]	(NA)	(NA)	(NA)	(NA)	20,817	24,292
824	Correspondence schools and vocational schools [4]	(NA)	(NA)	(NA)	(NA)	1,940	2,159

NA Not available. [1] Standard Industrial Classification. [2] Includes estimate for SIC's 78 and 79. [3] Includes other kinds of businesses, not shown separately. [4] Estimates not benchmarked to censuses. [5] Excludes nonemployers. [6] Excludes nonemployers and tax-exempt organizations.

Source: U.S. Bureau of the Census, *Current Business Reports,* series BS, *1984 Service Annual Survey.*

No. 1409. Full-Service and Economy Lodging Industries—Summary: 1980 to 1984

[An economy lodging establishment offers clean, standard-sized, fully-furnished modern rooms at usually $10.00 to $20.00 per night below the rate of typical full-service motor hotels. Their customers do not need food facilities, banquet rooms or meeting facilities, indoor recreation areas, or entertainment. Based on Annual Surveys of Lodging Establishments. Covers approximately 600 full-service establishments and 300 economy establishments in 1984]

ITEM	FULL-SERVICE			ECONOMY		
	1980	1983	1984	1980	1983	1984
Room occupancy rate	70.4	66.1	67.9	77.2	61.4	63.7
Average room rate (dol.)	37.67	46.67	52.15	16.52	26.04	26.19
Sales per available room (dol.)	15,271	18,118	20,877	4,894	6,047	6,282
Payroll and related expenses per available room (dol.)	4,868	5,960	7,099	1,217	1,301	1,227
Ratio of net income before income tax to sales	9.8	4.6	2.8	22.0	13.5	12.4
Employees [1] per 100 available rooms	61.6	59.3	56.0	15.6	(NA)	(NA)
Sales per employee [1] (dol.)	34,753	36,491	35,906	31,842	(NA)	(NA)
Composition of market—(percent)						
Business travelers	40.4	38.1	40.0	43.7	45.6	39.6
Tourists	27.5	27.4	24.7	39.3	37.0	44.9
Conference participants	19.1	22.0	19.2	1.6	2.7	2.5
Percent advanced reservations	77.1	79.0	66.3	20.9	34.6	47.2

NA Not available. [1] Full-time equivalent employees.

Source: Laventhol & Horwath, Philadelphia, PA, *U.S. Lodging Industry*, annual; and *U.S. Economy Lodging Industry*, annual.

No. 1410. Computer and Data Processing Services—Summary: 1972 to 1982

[Receipts and payroll in millions of dollars. For establishments with payroll]

ITEM	Total	Computer programming [1]	DATA PROCESSING		Other computer related services
			Total	Excluding facilities management	
Establishments:					
1972	6,016	1,562	3,845	3,598	609
1977	10,264	3,197	5,683	5,300	1,384
1982	20,443	9,427	6,707	6,281	4,309
Receipts:					
1972	3,411	971	1,889	1,667	551
1977	7,476	1,992	4,474	4,058	1,010
1982	21,810	8,186	10,099	9,406	3,526

ITEM	Total	Computer programming [1]	DATA PROCESSING		Other computer related services
			Total	Excluding facilities management	
Payroll:					
1972	1,324	498	709	629	117
1977	2,833	957	1,614	1,440	262
1982	7,843	3,336	3,448	3,155	1,060
Paid employees: [2]					
1972	127,449	37,657	78,911	71,271	10,881
1977	203,852	51,286	135,736	123,541	16,830
1982	353,549	126,633	183,422	167,985	43,494

[1] Includes other software services. [2] For pay period including March 12.

Source: U.S. Bureau of the Census, *1982 Census of Service Industries*, SC-82-A-52.

No. 1411. Computer and Data Processing—Receipts by Source: 1977 and 1982

[In millions of dollars. For establishments with payroll]

RECEIPT SOURCE	TOTAL		COMPUTER PROGRAMMING [2]		DATA PROCESSING				COMPUTER RELATED SERVICES	
					Total		Excluding facilities management [3]			
	1977	1982 [1]	1977	1982 [1]	1977	1982 [1]	1977	1982 [1]	1977	1982 [1]
Total	**7,476**	**22,737**	**1,992**	**8,689**	**4,474**	**9,969**	**4,058**	**9,289**	**1,010**	**4,079**
Programming, systems analysis and design: [2]										
Prepackaged	1,984	1,801	1,771	1,705	192	47	185	40	(NA)	49
Custom	35	4,404	24	4,079	10	285	10	262	(NA)	41
Research and development [4]		95		79		4		4		12
Data processing and preparation	3,736	8,788	72	306	3,652	8,415	3,642	8,403	(NA)	67
Facilities management	445	866	25	43	416	770	18	180	(NA)	52
Rental or leasing [5] of data processing equipment	453	1,173	13	182	21	97	21	84	(NA)	894
Rental, sales, leasing of integrated systems	568	1,719	30	1,525	55	116	54	116	(NA)	76
Consulting and planning [6]		707		153		31		3		523
Maintenance of equipment		2,192		224		16		15		1,952
Other sources	255	991	57	393	128	188	127	183	(NA)	411

NA Not available. [1] Preliminary. [2] And related software. [3] Operation of customers' in-house operation. [4] Of hardware. [5] Except finance leasing. [6] Except programming services.

Source: U.S. Bureau of the Census, *Census of Service Industries: 1977*, Subject Series, SC-77-S-9, and *1982*, Preliminary Reports, SC-82-1-7(P).

NO. 1412. SERVICE INDUSTRIES—SUMMARY OF ESTABLISHMENTS WITH PAYROLL, BY STATE: 1982

DIVISION AND STATE	FIRMS SUBJECT TO FEDERAL INCOME TAX										TAX-EXEMPT FIRMS	
	Establishments				Receipts (mil. dol.)				Annual payroll (mil. dol.)	Paid employees [2] (1,000)	Establishments	Revenue (mil. dol.)
	Total [1] (1,000)	Business services	Personal services	Automotive repair [2]	Total [1]	Business services	Personal services	Automotive repair [2]				
U.S.	**1,261.7**	**215,125**	**167,749**	**115,481**	**426,982**	**106,866**	**22,980**	**30,695**	**158,625**	**11,106.1**	**147,061**	**61,488**
N.E.:												
ME	5.9	614	661	537	1,204	141	71	120	420	37.9	1,133	266
NH	5.5	853	695	498	1,246	234	86	116	457	38.2	990	210
VT	3.2	376	391	261	662	73	38	43	224	23.2	772	144
MA	33.9	6,092	4,861	3,104	13,317	4,071	618	862	5,383	353.3	5,022	2,584
RI	5.4	851	857	544	1,351	310	85	119	514	41.3	811	324
CT	19.6	4,065	2,872	1,577	6,408	1,959	379	437	2,392	170.9	2,495	927
M.A.:												
NY	102.9	21,477	13,073	8,214	43,804	14,745	1,948	2,210	15,777	982.6	11,693	8,277
NJ	45.5	8,959	6,254	4,052	16,349	4,618	802	1,058	6,020	401.4	3,544	1,364
PA	55.0	8,255	8,152	5,996	19,083	4,581	1,038	1,390	7,045	485.9	9,424	3,287
E.N.C.:												
OH	52.1	7,922	8,066	5,039	16,515	3,680	1,096	1,331	6,091	450.8	7,129	2,557
IN	24.4	3,493	3,768	2,577	8,252	1,170	499	622	2,313	187.6	3,622	1,036
IL	57.6	11,453	7,746	5,030	21,396	6,130	1,206	1,501	8,170	547.7	6,934	3,994
MI	43.7	6,390	5,802	3,887	13,448	3,155	839	1,070	5,312	362.8	5,076	1,888
WI	22.8	3,271	3,845	1,925	5,956	1,077	433	472	2,450	190.3	3,222	1,085
W.N.C.:												
MN	20.0	3,578	2,895	1,706	6,472	1,502	426	462	2,535	198.0	3,575	1,747
IA	14.6	1,671	2,544	1,526	3,364	640	250	299	1,209	105.7	2,685	727
MO	25.6	3,974	4,015	2,659	8,160	2,124	505	730	3,078	225.3	3,072	1,217
ND	3.1	382	599	292	811	106	64	75	310	23.4	719	180
SD	3.5	394	540	357	674	75	53	61	234	21.4	746	154
NE	8.5	1,174	1,439	944	2,229	496	156	210	803	66.3	1,403	409
KS	12.7	1,798	1,933	1,312	3,064	592	235	287	1,140	92.1	2,171	493
S.A.:												
DE	3.2	569	474	299	850	171	50	90	330	27.4	485	153
MD	22.6	4,255	2,989	1,798	8,583	3,107	447	538	3,404	228.1	2,580	1,411
DC	6.3	1,571	505	403	4,218	1,156	99	123	1,597	88.4	2,008	3,193
VA	27.6	5,023	4,172	2,496	9,177	2,882	553	616	3,675	255.3	3,145	1,552
WV	7.4	723	1,327	630	1,759	201	146	109	633	50.2	1,241	264
NC	27.1	3,739	4,316	2,746	6,268	1,205	538	586	2,371	198.4	3,076	830
SC	13.9	1,817	2,080	1,357	3,301	490	243	276	1,255	105.1	1,383	291
GA	28.2	4,836	3,894	2,825	8,795	2,332	495	766	3,231	242.8	2,659	842
FL	68.7	12,025	8,753	5,757	21,542	4,539	1,095	1,736	8,082	600.7	5,466	1,957
E.S.C.:												
KY	14.7	1,681	2,410	1,355	3,678	579	300	288	1,336	111.9	1,882	527
TN	21.4	3,063	3,311	2,099	6,344	1,504	446	509	2,346	177.3	2,483	719
AL	15.9	2,127	2,694	1,691	4,339	777	291	406	1,606	125.6	1,681	422
MS	9.7	1,082	1,460	984	2,172	333	151	187	782	68.2	1,309	266
W.S.C.:												
AR	10.1	1,189	1,536	1,083	2,177	278	181	221	805	68.6	1,339	298
LA	22.1	3,853	2,344	2,035	7,698	2,075	361	467	2,685	202.3	1,726	495
OK	16.7	2,718	1,980	1,483	5,097	1,182	305	367	1,794	132.9	1,785	509
TX	85.7	16,195	10,946	8,481	32,038	8,159	1,754	2,481	11,442	783.0	7,167	2,594
Mt.:												
MT	5.0	584	604	483	1,006	112	58	95	345	31.6	977	163
ID	5.1	591	682	484	1,088	169	70	97	396	33.5	626	303
WY	3.5	462	369	302	894	178	39	69	280	22.9	538	94
CO	21.7	4,077	2,415	1,944	7,325	1,660	349	548	2,596	191.1	2,239	920
NM	7.4	1,058	988	721	2,408	943	102	157	883	61.2	954	255
AZ	17.3	3,175	2,132	1,507	5,070	1,113	292	395	1,681	147.8	1,591	538
UT	7.9	1,290	743	744	2,173	416	104	224	770	59.8	647	191
NV	6.2	1,052	671	492	6,060	520	149	162	2,112	152.3	453	93
Pac.:												
WA	25.4	3,914	3,321	2,148	7,359	1,673	405	547	2,794	198.1	3,349	1,108
OR	16.3	2,398	1,857	1,375	3,899	686	223	328	1,430	112.3	2,053	551
CA	170.4	31,469	16,868	14,991	67,083	16,387	2,761	4,536	24,569	1,530.9	14,561	7,453
AK	2.6	523	237	164	1,155	248	46	67	434	21.2	558	196
HI	6.1	1,024	663	567	2,660	314	101	249	904	71.1	860	433

[1] Includes other establishments and receipts, not shown separately. [2] Includes services and garages.
[3] For the pay period including March 12.

Source: U.S. Bureau of the Census, *1982 Census of Service Industries*, Geographic Area Series, SC82-A-1 to 52.

No. 1413. Service Industries—Summary of Establishments by Tax Status: 1977 and 1982

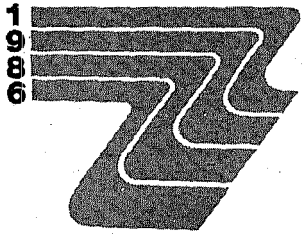
[See *Historical Statistics, Colonial Times to 1970*, series T391-443 for similar but not comparable data]

Kind of business	Establishments (1,000)		Receipts, expenses or revenue [1] (mil. dol.)		Annual payroll (mil. dol.)		Paid employees [2] (1,000)	
	1977	1982	1977	1982	1977	1982	1977	1982
Firms subject to Federal income tax	**2,755.1**	(NA)	**248,813**	(NA)	**81,183**	**158,625**	**8,618.9**	**11,106.1**
Hotels, motels, and other lodging places	**79.7**	**69.1**	**18,755**	**34,057**	**5,190**	**9,289**	**918.7**	**1,102.1**
Hotels, motor hotels, and motels	51.9	47.6	17,719	32,675	5,027	9,067	894.1	1,076.2
Trailering parks and camps	18.9	15.3	734	1,044	103	151	11.9	15.2
Rooming, boarding, and membership lodgings	(X)	6.3	(X)	338	60	71	12.7	10.8
Personal services	**512.1**	(NA)	**18,433**	(NA)	**5,478**	**7,956**	**910.4**	**970.5**
Laundry, cleaning, and garment services	75.4	66.2	6,829	9,913	2,288	3,225	361.0	354.5
Photographic studios, portrait	37.1	48.5	1,185	2,027	215	357	29.8	44.0
Beauty and barber shops	264.7	274.9	5,266	7,455	1,816	2,414	316.7	314.2
Shoe repair, shoe shine, etc	9.6	7.8	239	281	40	55	7.2	7.0
Funeral service, crematories	19.6	18.7	2,827	3,936	639	927	71.8	74.2
Misc. personal services	105.7	(NA)	2,088	(NA)	480	977	124.0	176.5
Business services	**458.2**	(NA)	**54,500**	(NA)	**20,852**	**42,416**	**2,297.4**	**3,151.7**
Advertising	32.9	41.7	4,983	9,288	1,921	3,392	118.8	145.9
Services to dwellings, other buildings	67.3	91.9	4,597	8,197	2,256	3,899	426.3	540.0
Computer, data processing services	16.1	40.9	7,576	22,217	2,833	7,843	203.9	353.5
Computer prog., other software services	(NA)	(NA)	(NA)	(NA)	957	3,336	51.3	126.6
Data processing services	(NA)	(NA)	(NA)	(NA)	1,614	3,448	135.7	183.4
Computer related services, n.e.c. [3]	(NA)	(NA)	(NA)	(NA)	262	1,060	16.8	43.5
Management, consulting, public relations	143.8	267.9	8,343	20,106	2,839	6,529	208.8	353.5
Equipment rental, leasing services	29.3	49.2	[4] 4,970	11,361	[4] 1,060	2,305	[4] 84.6	133.4
Other business services [5]	168.9	(NA)	23,898	(NA)	9,918	18,447	1,252.5	1,625.4
Credit reporting, collection agencies	(NA)	(NA)	(NA)	(NA)	539	808	64.2	60.5
Direct mail advertising services	(NA)	(NA)	(NA)	(NA)	276	560	31.5	43.7
Commercial photography, art, graphics	(NA)	(NA)	(NA)	(NA)	588	1,024	46.0	56.6
Personnel supply services	(NA)	(NA)	(NA)	(NA)	2,881	5,632	431.7	608.8
Research and development labs	(NA)	(NA)	(NA)	(NA)	843	1,579	48.5	64.1
Testing labs and facilities	(NA)	(NA)	(NA)	(NA)	308	643	25.3	35.0
Detective agencies, protective services	(NA)	(NA)	(NA)	(NA)	1,598	3,000	279.9	340.5
Automotive repair, services, garages	**200.2**	**227.6**	**21,576**	**33,782**	**4,456**	**7,057**	**483.2**	**553.2**
Automotive rental and leasing, without drivers	12.4	12.5	6,407	9,750	834	1,380	75.5	94.2
Automobile parking	8.9	8.8	1,008	1,592	211	323	33.9	34.9
Automotive repair shops	154.2	179.1	12,770	20,414	3,090	4,906	316.3	364.6
General auto repair	87.0	109.5	5,633	8,924	1,173	1,840	128.8	144.1
Top and body repair	38.8	40.8	3,246	5,398	874	1,439	87.9	103.4
Other auto repair	28.4	28.8	3,891	6,092	1,043	1,627	120.0	117.2
Automotive services, exc. repair	24.7	27.2	1,391	2,026	320	449	57.6	59.5
Miscellaneous repair services	**162.9**	**159.3**	**11,028**	**16,032**	**2,992**	**4,559**	**279.1**	**299.7**
Electrical, electronic, repair shops	52.5	35.9	3,581	4,488	1,001	1,350	95.2	87.4
Reupholstery, furniture repair	24.6	21.3	694	825	[4] 147	192	[4] 20.9	19.8
Other repair shops, related services	85.8	102.0	6,726	10,719	1,833	3,017	161.8	192.5
Amusement, rec. serv., incl. motion pictures	**176.8**	**214.4**	**21,143**	**35,320**	**5,272**	**8,805**	**660.3**	**803.8**
Motion picture prod., distribution, services	10.7	15.9	5,412	10,354	1,377	2,451	88.4	127.2
Motion picture theaters	11.8	10.0	2,606	3,610	462	567	112.2	103.5
Producers, orchestras, entertainers	67.7	92.9	2,361	4,319	524	971	50.1	56.8
Bowling alleys, billiards, pool establishments	11.3	8.9	1,768	2,308	490	648	108.1	108.9
Commercial sports, other amusement, recreation services	75.2	86.7	8,997	14,730	2,419	4,168	301.5	407.4
Health services, except hospitals [5]	**443.1**	**542.6**	**54,386**	**101,220**	**20,952**	**42,632**	**1,821.0**	**2,433.1**
Offices of physicians	189.1	234.8	26,756	53,241	11,854	24,576	624.0	822.0
Offices of dentists	99.3	114.4	10,007	16,814	3,044	5,788	284.4	402.5
Medical and dental laboratories	15.7	17.2	2,459	4,245	960	1,620	87.9	103.7
Legal services	**167.9**	**203.0**	**18,696**	**36,930**	**5,217**	**12,554**	**392.0**	**569.4**
Selected educational services [5]	**81.8**	**107.6**	**1,836**	**3,228**	**493**	**822**	**61.2**	**68.5**
Correspondence and vocational schools	(NA)	(NA)	(NA)	(NA)	302	508	34.1	38.0
Schools and educational services, n.e.c. [3]	(NA)	(NA)	(NA)	(NA)	186	309	44.3	30.0
Engineering, architectural, surveying services	**75.6**	**96.9**	**14,737**	**35,557**	**6,292**	**14,717**	**373.2**	**581.5**
Accounting, auditing, bookkeeping services	**126.1**	**179.8**	**7,990**	**15,950**	**2,917**	**5,933**	**230.9**	**330.2**
Social and other services	**270.7**	(NA)	**5,732**	(NA)	**1,073**	**1,884**	**191.4**	**242.7**
Social services	(NA)	(NA)	(NA)	(NA)	866	1,477	177.4	222.0
Child day care services	(NA)	(NA)	(NA)	(NA)	339	616	87.5	123.1
Firms exempt from Federal income tax	(X)	**147.1**	(X)	**54,522**	(X)	**23,142**	(X)	**2,280.1**
Hotels, camps, membership lodging	(X)	**4.1**	(X)	**513**	(X)	**155**	(X)	**22.8**
Research, testing, consulting services	(X)	**1.0**	(X)	**2,612**	(X)	**1,251**	(X)	**53.6**
Selected amusement, rec., related services	(X)	**10.5**	(X)	**5,107**	(X)	**2,105**	(X)	**213.6**
Selected health services [5]	**8.7**	**10.0**	**4,764**	**10,438**	**2,516**	**5,197**	**333.0**	**476.2**
Nursing and personal care facilities	2.3	3.0	2,216	4,752	1,203	2,597	201.8	283.2
Outpatient care facilities	4.2	4.7	1,805	3,957	918	1,657	85.2	108.9
Legal aid societies, similar legal services	**1.1**	**1.3**	**259**	**421**	**153**	**252**	**12.4**	**14.5**
Selected educational services	**4.1**	**4.3**	**702**	**1,150**	**315**	**487**	**49.4**	**52.7**
Social services	**41.0**	**52.6**	**8,295**	**16,455**	**4,124**	**7,521**	**676.5**	**903.9**
Child day care services	10.6	12.7	829	1,494	495	889	102.4	135.3
Selected membership organizations [5]	**58.1**	**61.3**	**8,489**	**15,093**	**3,073**	**5,196**	**417.3**	**492.9**
Business associations	11.7	12.1	2,308	4,651	822	1,468	68.8	80.2
Civic, social, and fraternal associations	34.1	35.5	3,606	5,557	1,342	2,078	255.9	295.8
Noncommercial educational, scientific, and research organizations	**1.9**	**1.9**	**1,437**	**2,733**	**595**	**977**	**47.8**	**49.9**

NA Not available. X Not applicable. [1] Receipts refer to establishments subject to Federal income tax. Expenses refer to establishments exempt from Federal income tax-1977. Revenue refers to establishments exempt from Federal income tax-1982.

[2] For pay period including March 12. [3] N.e.c. means not elsewhere classified. [4] Data revised since originally published; revisions not carried to the broader kind-of-business level. [5] Includes other kinds of businesses, not shown separately.

Source: U.S. Bureau of the Census, *Census of Service Industries, 1977, Geographic Area Series, vol. II; 1982 Census of Service Industries*, Geographic Area Series, series SC82-A-52 and change sheet.



Section 31

Foreign Commerce and Aid

This section presents data on the flow of goods, services, and capital between the United States and other countries; changes in official reserve assets of the United States; international investments; foreign assistance programs; and import duties.

The Bureau of Economic Analysis publishes current figures on U.S. international transactions and the U.S. international investment position in its monthly *Survey of Current Business.* Figures for earlier periods are presented in *Balance of Payments—Statistical Supplement, 1963* revised edition, in the periodic *Foreign Grants and Credits by the United States Government,* and in the June issues of the *Survey of Current Business.* Statistics for the foreign aid programs are presented by the Agency for International Development (AID) in its annual *U.S. Overseas Loans and Grants and Assistance from International Organizations;* and by the Department of Agriculture in its *Foreign Agricultural Trade of the United States.*

The principal source of merchandise import and export data is the Bureau of the Census. Current data are presented monthly in Report FT 135, *U.S. General Imports, Schedule A: Commodity by Country;* Report FT 410, *U.S. Exports, Schedule E: Commodity by Country;* and Report FT 990, *Highlights of U.S. Export and Import Trade.* The *Bureau of the Census Catalog* and the *Guide to Foreign Trade Statistics* lists the Bureau's monthly and annual reports in this field. In addition, the International Trade Administration and the Bureau of Economic Analysis present summary as well as selected commodity and country data for U.S. foreign trade in the *Overseas Business Reports* and the *Survey of Current Business,* respectively. The merchandise trade data in the latter source include balance of payments adjustments to the Census data. The Treasury Department's *Monthly Treasury Statement of Receipts and Outlays of the United States Government* contains information on import duties.

International accounts.—The international transactions tables (Nos. 1414-1416) show, for given time periods, the transfer of goods, services, grants, and financial assets and liabilities between the United States and the rest of the world. The international investment position table (No. 1417) presents, for specific dates, the value of U.S. investments abroad and of foreign investments in the United States. The movement of foreign and U.S. capital as presented in the balance of payments is not the only factor affecting the total value of foreign investments. Among the other factors are changes in the valuation of assets or liabilities, including securities, defaults, expropriations, and write-offs.

Direct investment abroad means the ownership or control, directly or indirectly, by one person of 10 percent or more of the voting securities of an incorporated business enterprise or an equivalent interest in an unincorporated business enterprise. Direct investment position is the value of U.S. parents' claims on the equity of, and receivables due from, foreign affiliates, less foreign affiliates' receivables due from their U.S. parents. Income consists of parents' shares in the earnings of their affiliates plus net interest received by parents on intercompany accounts, less withholding taxes on dividends and interest.

Foreign aid.—Foreign assistance is divided into three major categories—grants (military supplies and services and other grants), credits, and other assistance (through net accumulation of foreign currency claims from the sale of agricultural commodities). *Grants* are transfers for which no payment is expected (other than a limited percentage of the foreign currency "counterpart" funds generated by the grant), or which at most involve an obligation on the part of the receiver to extend aid to the United States or other countries to achieve a common objective. *Credits* are loan disbursements or transfers under other agreements which give rise to specific obligations to repay, over a period of years, usually with interest. All known returns to the U.S. Government stemming from grants and credits (reverse grants, returns of grants, and payments of principal) are taken into ac-

count in net grants and net credits, but no allowance is made for interest or commissions. *Other assistance* represents the transfer of U.S. farm products in exchange for foreign currencies (plus, since enactment of Public Law 87-128, currency claims from principal and interest collected on credits extended under the farm products program), *less* the Government's disbursements of the currencies as grants, credits, or for purchases. The net acquisition of currencies represents net transfers of resources to foreign countries under the agricultural programs, in addition to those classified as grants or credits.

Figures as published in the *Foreign Grants and Credits* series are not identical with figures shown for Government unilateral transfers and capital in the balance of payments, mainly because of differences in treatment of particular items by the two sets of accounts. Such items include contributions to the multilateral construction program of the North Atlantic Treaty Organization, Government investments in certain productive enterprises abroad, Government receipts on funded claims, and net changes in foreign currency holdings resulting from transactions other than those under the farm products program, such as collections of principal and interest and purchases for dollars.

The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949. Prior to 1952, economic and technical aid was authorized in the Foreign Assistance Act of 1948, the 1950 Act for International Development, and other legislation which set up programs for specific countries. In 1952, these economic, technical, and military aid programs were combined under the Mutual Security Act, which in turn was followed by the Foreign Assistance Act passed in 1961. Appropriations to provide military assistance were also made in the Department of Defense Appropriation Act (rather than the Foreign Assistance Appropriation Act) beginning in 1966 for certain countries in Southeast Asia and in other legislation concerning programs for specific countries (such as Israel). Figures on activity under the Foreign Assistance Act as reported in the *Foreign Grants and Credits* series differ from data published by AID or its immediate predecessors, due largely to differences in reporting, timing, and treatment of particular items.

Exports.—The Bureau of the Census compiles export data primarily from Shipper's Export Declarations required to be filed with customs officials for shipments leaving the United States. They include U.S. exports under mutual security programs and exclude shipments to U.S. Armed Forces for their own use.

The value reported in the export statistics is generally equivalent to a free alongside ship (f.a.s.) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. This value, as defined, excludes the cost of loading merchandise aboard the exporting carrier and also excludes freight, insurance, and any other charges or transportation and other costs beyond the U.S. port of exportation. The country of destination is defined as the country of ultimate destination or country where the merchandise is to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. When ultimate destination is not known, the shipment is statistically credited to the last country to which the shipper knows the merchandise will be shipped in the same form as exported.

For certain low-valued shipments, the export statistics since July 1953 include estimates based upon selected samples of such shipments with lower and upper value limits of the sampled shipments varying (Canada excepted) from $100–$499 for July 1953–September 1969, $251–$499 for October 1969–February 1979, and $501–$999, for March 1979–June 1981. For July 1981–December 1984, the statistics for countries other than Canada reflect fully compiled data for shipments valued over $500. For Canada, the upper value limit was $1,999 during the period January 1963–December 1984, and lower value limits were raised to $251 and $501 in October 1969 and March 1979, respectively. Since January 1985 shipments to all countries are treated alike in that data are estimated for all shipments valued under $1,001. These shipments are estimated to represent about 2 percent of the total value of exports.

Beginning January 1978, the Export Classification Schedule was based upon Schedule E, Standard International Trade Classification, Revision 2. This revision affects the comparability of some export statistics.

Imports.—The Bureau of the Census compiles import data from various customs forms required to be filed with customs officials. From 1974–1981, data on import values were presented on three bases: The transaction values f.a.s. (free alongside ship) at the foreign port of export, the c.i.f. (cost, insurance, and freight), and the previously reported customs import value (as appraised by the U.S. Customs Service in accordance with legal requirements of the Tariff Act of 1930, as amended). This latter valuation, primarily used for collection of import duties, frequently did not reflect the actual transaction value. Beginning 1982, import data are based on customs values, i.e., the price paid by the buyer to the seller in accordance with the 1979 Trade Agreement Act amend-

ments to the 1930 Tariff Act. For the c.i.f. imports, the new customs value was substituted for the arms-length transaction value used for 1981 and earlier years. The f.a.s. transaction values were discontinued as of January 1982. Country of origin is defined as country where the merchandise was grown, mined, or manufactured. If country of origin is unknown, country of shipment is reported.

Imports are classified either as "General imports" or "Imports for consumption." General imports are a combination of entries for immediate consumption, entries into customs bonded warehouses, and entries into U.S. Foreign Trade Zones, thus generally reflecting total arrivals of merchandise. Imports for consumption are a combination of entries for immediate consumption, withdrawals from warehouses for consumption, and entries of merchandise into U.S. customs territory from U.S. Foreign Trade Zones, thus generally reflecting the total of the commodities entered into U.S. consumption channels.

Since July 1953, the import statistics include estimates, not classified by commodity, for certain low-valued shipments. For July 1953–July 1965, entries valued under $100, in general, were estimated, while entries valued under $251 have been estimated for the period July 1965–December 1984. Since January 1985, import statistics include estimates for shipments valued under $1,001. The estimated low-valued shipments generally amount to about 4 percent of the import total.

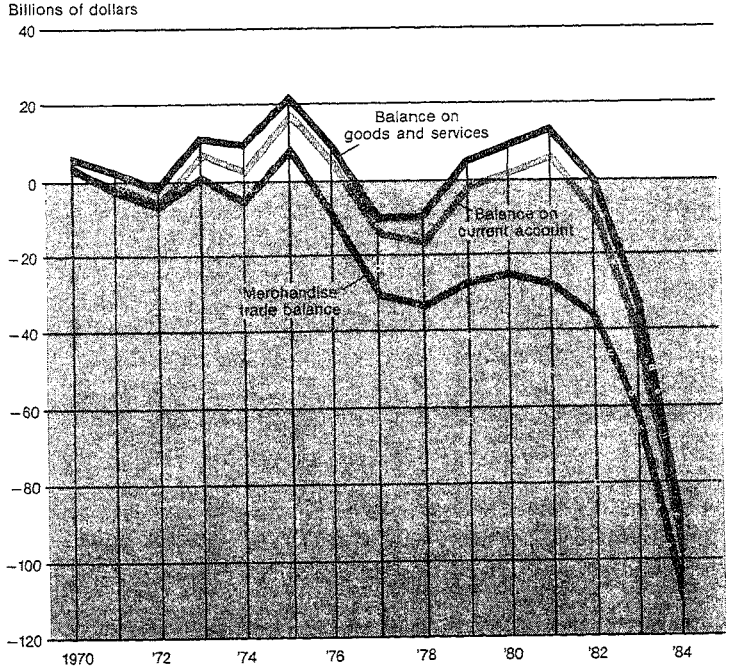
Area coverage.—Except as noted, the geographic area covered by the export and import trade statistics is the United States Customs area (includes the 50 States, the District of Columbia and Puerto Rico), the U.S. Virgin Islands (effective January 1981), and U.S. Foreign Trade Zones (effective July 1982). Data for selected tables and total values for 1980, have been revised to reflect the U.S. Virgin Islands' trade with foreign countries, where possible.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1985.* For cross-references, see Appendix VI.

Figure 31.1
U.S. International Transaction Balances: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1415.

No. 1414. U.S. International Transactions: 1970 to 1984

[In millions of dollars. Minus sign (−) indicates debits. See also *Historical Statistics, Colonial Times to 1970,* series U 1-25]

TYPE OF TRANSACTION	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Exports of goods and services [1]	**65,674**	**146,666**	**155,729**	**171,630**	**184,276**	**219,994**	**286,796**	**342,485**	**375,759**	**350,058**	**333,586**	**362,421**
Merchandise, excl. military [2 3]	42,469	98,306	107,088	114,745	120,816	142,054	184,473	224,269	237,085	211,198	200,745	220,316
Foods, feeds, and beverages	5,874	18,638	19,234	19,829	19,724	25,155	30,005	35,721	38,163	31,620	31,258	31,662
Industrial supplies and materials	13,795	29,942	29,789	31,993	34,312	39,044	58,139	71,947	69,950	63,620	58,177	63,339
Capital goods, except automotive	14,659	30,878	36,639	39,113	39,766	46,471	58,843	74,210	81,614	73,675	68,533	73,225
Automotive vehicles and parts [4]	3,870	8,815	10,794	12,229	13,536	15,742	18,402	17,540	19,791	17,393	18,639	22,326
Consumer goods (nonfood) [5]	2,798	6,399	6,560	8,022	8,931	10,466	12,845	16,633	16,386	14,723	13,986	13,630
Transfers under U.S. military agency sales contracts	1,501	3,379	4,049	5,454	7,351	7,973	6,516	8,274	10,041	11,907	12,394	10,086
Travel and transportation	6,000	10,833	11,576	13,718	14,606	16,922	20,568	24,797	28,584	27,884	27,084	28,208
Miscellaneous services	3,957	6,561	7,666	8,426	9,325	10,801	11,107	12,641	13,639	14,301	15,342	16,202
Income on U.S. assets abroad	11,747	27,587	25,351	29,286	32,179	42,245	64,132	72,506	86,411	84,768	78,023	87,609
Direct investment	8,169	19,157	16,595	18,999	19,673	25,458	38,183	37,146	32,549	22,600	21,271	23,078
Other private receipts	2,671	7,356	7,644	8,955	10,881	14,944	23,654	32,798	50,182	58,050	51,920	59,301
U.S. Government receipts	907	1,074	1,112	1,332	1,625	1,843	2,295	2,562	3,680	4,118	4,832	5,230
Transfers of goods and services under U.S. military grants, net	**2,713**	**1,818**	**2,207**	**373**	**203**	**236**	**465**	**756**	**679**	**585**	**194**	**190**
Imports of goods and services	**−60,050**	**−137,519**	**−133,000**	**−162,425**	**−194,170**	**−230,316**	**−282,138**	**−333,536**	**−362,573**	**−349,974**	**−365,524**	**−452,539**
Merchandise, excl. military [2 3]	−39,866	−103,811	−98,185	−124,228	−151,907	−176,001	−212,009	−249,749	−265,063	−247,642	−262,757	−328,597
Foods, feeds, and beverages	−6,147	−10,568	−9,642	−11,546	−13,981	−15,397	−17,366	−18,127	−18,113	−17,108	−18,235	−21,059
Industrial supplies and materials	−15,343	−54,029	−50,638	−63,717	−79,933	−83,613	−108,976	−133,290	−135,222	−111,311	−108,026	−123,892
Capital goods, except automotive	−3,978	−9,819	−10,166	−12,282	−13,985	−19,705	−25,029	−31,161	−36,679	−38,338	−40,943	−60,217
Automotive vehicles and parts [4]	−5,515	−12,425	−12,085	−16,782	−19,359	−24,993	−26,433	−27,903	−30,895	−34,083	−42,693	−55,506
Consumer goods (nonfood) [5]	−7,403	−14,380	−13,211	−17,165	−21,796	−28,943	−30,566	−34,445	−38,664	−39,660	−45,351	−59,631
Direct defense expenditures	−4,855	−5,032	−4,795	−4,895	−5,823	−7,352	−8,294	−10,511	−11,224	−12,225	−12,556	−11,851
Travel and transportation	−8,038	−14,017	−14,388	−16,276	−18,171	−20,495	−23,503	−25,794	−28,440	−28,876	−31,805	−37,182
Miscellaneous services	−1,777	−2,575	−3,068	−3,715	−4,053	−4,788	−5,372	−5,364	−5,518	−5,956	−5,785	−6,411
Income on foreign assets in U.S	−5,516	−12,084	−12,564	−13,311	−14,217	−21,680	−32,960	−42,120	−52,329	−55,273	−52,621	−68,500
Direct investment	−875	−1,331	−2,234	−3,110	−2,834	−4,211	−6,357	−8,635	−6,898	−3,155	−5,598	−10,188
Other private payments	−3,617	−6,491	−5,788	−5,681	−5,841	−8,795	−15,481	−20,893	−28,553	−33,833	−29,198	−36,543
U.S. Government payments	−1,024	−4,262	−4,542	−4,520	−5,542	−8,674	−11,122	−12,592	−16,878	−18,285	−17,825	−19,769
U.S. military grants of goods and services, net	**−2,713**	**−1,818**	**−2,207**	**−373**	**−203**	**−236**	**−465**	**−756**	**−679**	**−585**	**−194**	**−190**
Unilateral transfers (excl. military grants), net	**−3,294**	[6] **−7,186**	**−4,613**	**−4,998**	**−4,617**	**−5,106**	**−5,649**	**−7,077**	**−6,847**	**−8,135**	**−8,852**	**−11,413**
U.S. Government grants	−1,736	[6] −5,475	−2,894	−3,146	−2,787	−3,176	−3,550	−4,731	−4,466	−5,501	−6,287	−8,522
U.S. Govt. pensions, private remittances, other transfers	−1,558	−1,711	−1,719	−1,851	−1,830	−1,930	−2,100	−2,346	−2,382	−2,633	−2,565	−2,891

U.S. assets abroad, net (increase/capital outflow (−))	−9,337	−34,745	−39,703	−51,269	−34,785	−61,130	−64,331	−86,118	−111,031	−119,218	−55,045	−20,447
U.S. official reserve assets, net	2,481	−1,467	−849	−2,558	−375	732	−1,133	−8,155	−5,175	−4,965	−1,196	−3,131
U.S. Govt. assets, other than official reserve assets, net	−1,589	[6] 366	−3,474	−4,214	−3,693	−4,660	−3,746	−5,162	−5,097	−6,131	−5,006	−5,516
U.S. loans and other long-term assets	−3,293	−5,001	−5,941	−6,943	−6,445	−7,470	−7,697	−9,860	−9,674	−10,063	−9,967	−9,619
Repayments on U.S. loans [7]	1,721	[6] 4,826	2,475	2,596	2,719	2,941	3,926	4,456	4,413	4,293	5,012	4,483
U.S. foreign currency holdings and U.S. short-term assets, net	−16	[6] 541	−9	133	33	−131	25	242	164	−361	−51	−380
U.S. private assets, net	−10,229	−33,643	−35,380	−44,498	−30,717	−57,202	−59,453	−72,802	−100,758	−108,122	−48,843	−11,800
Direct investments abroad	−7,590	−9,052	−14,244	−11,949	−11,890	−16,056	−25,222	−19,222	−9,624	4,424	−5,394	−4,503
Foreign securities	−1,076	−1,854	−6,247	−8,885	−5,460	−3,626	−4,726	−3,563	−5,778	−8,102	−7,007	−5,059
U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	−596	−3,221	−1,357	−2,296	−1,940	−3,853	−3,291	−3,174	−1,181	6,626	−6,513	6,266
U.S. claims reported by U.S. banks, n.i.e. [8]	−967	−19,516	−13,532	−21,368	−11,427	−33,667	−26,213	−46,838	−84,175	−111,070	−29,928	−8,504
Foreign assets in the U.S., net (increase/capital inflow (+))	**6,359**	**34,241**	**15,670**	**36,518**	**51,319**	**64,036**	**38,752**	**58,112**	**83,322**	**94,447**	**84,322**	**97,319**
Foreign official assets in the U.S., net	6,908	10,546	7,027	17,693	36,816	33,678	−13,665	15,497	4,960	3,672	5,795	3,424
Other foreign assets in the U.S., net	−550	23,696	8,643	18,826	14,503	30,358	52,416	42,615	78,362	90,775	78,526	93,895
Direct investments in U.S.	1,464	4,760	2,603	4,347	3,728	7,897	11,877	16,918	25,195	13,792	11,946	22,514
U.S. Treasury securities	81	697	2,590	2,783	534	[9] 2,178	[9] 4,960	[9] 2,645	[9] 2,946	[9] 7,052	[9] 8,721	22,440
U.S. securities other than U.S. Treasury securities	2,189	378	2,503	1,284	2,437	2,254	1,351	5,457	7,176	6,392	8,636	12,983
U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	2,014	1,844	319	−578	1,086	1,889	1,621	6,852	917	−2,383	−118	4,284
U.S. liabilities reported by U.S. banks, n.i.e. [8]	−6,298	16,017	628	10,990	6,719	16,141	32,607	10,743	42,128	65,922	49,341	31,674
Allocations of special drawing rights	**867**	–	–	–	–	–	**1,139**	**1,152**	**1,093**	–	–	–
Statistical discrepancy (sum of above items with sign reversed)	−219	−1,458	5,917	10,544	−2,023	12,521	25,431	24,982	20,276	32,821	11,513	24,660
Balance on merchandise trade	2,603	−5,505	8,903	−9,483	−31,091	−33,947	−27,536	−25,480	−27,978	−36,444	−62,012	−108,281
Balance on goods and services	5,625	9,147	22,729	9,205	−9,894	−10,321	4,659	8,950	13,186	84	31,937	−90,119
Balance on goods, services, and remittances	4,067	7,437	21,011	7,354	−11,724	−12,251	2,559	6,604	10,805	−2,549	−34,503	−93,010
Balance on current account	2,331	1,962	18,116	4,207	−14,511	−15,427	−991	1,873	6,339	−8,051	−40,790	−101,532

– Represents zero. [1] Excludes transfers of goods and services under U.S. military grant programs. [2] Excludes exports of goods under U.S. military agency sales contracts identified in Bureau of the Census export documents, excludes imports of goods under direct defense expenditures identified in Census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of census statistics to a balance of payments basis. [3] Includes other end-use items, not shown separately. [4] Includes engines. [5] Excludes automotive. [6] Includes extraordinary U.S. Govt. transactions with India. [7] Includes sales of foreign obligations to foreigners. [8] Not included elsewhere. [9] Includes foreign currency notes sold to private residents abroad.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1985.

No. 1415. U.S. International Transactions—Summary: 1960 to 1985

[In billions of dollars. Reserve assets are for end of period. Minus sign (−) indicates debits, seeheadnote, table 1414]

YEAR	Merchandise trade balance [1]	Net investment income	Net military transactions	Net travel and transportation receipts	Other services, net	Balance on goods and services	Unilateral transfers [1]	Balance on current account	Net foreign assets in U.S.	Net U.S. assets abroad	Net U.S. official reserve assets
1960	4.9	3.4	−2.8	−1.0	.6	5.1	−2.3	2.8	2.3	−4.1	19.4
1965	5.0	5.3	−2.1	−1.3	1.4	8.3	−2.9	5.4	.7	−5.7	15.5
1966	3.8	5.0	−2.9	−1.3	1.4	6.0	−2.9	3.0	3.7	−7.3	14.9
1967	3.8	5.3	−3.2	−1.8	1.6	5.7	−3.1	2.6	7.4	−9.8	14.8
1968	.6	6.0	−3.1	−1.5	1.6	3.6	−3.0	.6	9.9	−11.0	15.7
1969	.6	6.0	−3.3	−1.8	1.8	3.4	−3.0	.4	12.7	−11.6	17.0
1970	2.6	6.2	−3.4	−2.0	2.2	5.6	−3.3	2.3	6.4	−9.3	14.5
1971	−2.3	7.3	−2.9	−2.3	2.5	2.3	−3.7	−1.4	23.0	−12.5	12.2
1972	−6.4	8.2	−3.4	−3.1	2.8	−1.9	−3.9	−5.8	21.5	−14.5	13.2
1973	.9	12.2	−2.1	−3.2	3.2	11.0	−3.9	7.1	18.4	−22.9	14.4
1974	−5.5	15.5	−1.7	−3.2	4.0	9.1	−7.2	2.0	34.2	−34.7	15.9
1975	8.9	12.8	−.7	−2.8	4.6	22.7	−4.6	18.1	15.7	−39.7	16.2
1976	−9.5	16.0	.6	−2.6	4.7	9.2	−5.0	4.2	36.5	−51.3	18.7
1977	−31.1	18.0	1.5	−3.6	5.3	−9.9	−4.6	−14.5	51.3	−34.8	19.3
1978	−33.9	20.6	.6	−3.6	6.0	−10.3	−5.1	−15.4	64.0	−61.1	18.7
1979	−27.5	31.2	−1.8	−2.9	5.7	4.7	−5.6	−1.0	38.8	−64.3	19.0
1980	−25.5	30.4	−2.2	−1.0	7.3	9.0	−7.1	1.9	58.1	−86.1	26.8
1981	−28.0	34.1	−1.2	.1	8.1	13.2	−6.8	6.3	83.3	−111.0	30.1
1982	−36.4	29.5	−.3	−1.0	8.3	.1	−8.1	−8.1	94.4	−119.2	34.0
1983	−62.0	25.4	−.2	−4.7	9.6	−31.9	−8.9	−40.8	84.3	−55.0	33.7
1984	−108.3	19.1	−1.8	−9.0	9.8	−90.1	−11.4	−101.5	97.3	−20.4	34.9
1985, 1st quarter	−29.5	2.5	−.2	−2.4	2.4	−27.2	−3.2	−30.3	13.7	−.4	35.5
2d quarter	−33.0	5.6	−.6	−3.0	2.5	−28.5	−3.4	−31.8	25.8	−2.9	36.1

[1] Excludes military grants.

Source: U.S. Council of Economic Advisers, *Economic Indicators*, monthly; and *Economic Report of the President*, annual. Data from U.S. Bureau of Economic Analysis and U.S. Dept. of the Treasury.

No. 1416. U.S. Balances on International Transactions, by Areas and Selected Countries: 1982 to 1984

[In millions of dollars. Balances by area have some shortcomings due to statistical discrepancies including errors, omissions, and incorrect area attributions. Minus sign (−) indicates debits]

AREA OR COUNTRY	1982, BALANCE ON—			1983, BALANCE ON—			1984, BALANCE ON—		
	Merchandise trade [1]	Goods and services	Current account	Merchandise trade [1]	Goods and services	Current account	Merchandise trade [1]	Goods and services	Current account
All areas	**−36,444**	**84**	**−8,051**	**−62,012**	**−31,937**	**−40,790**	**−108,281**	**−90,119**	**−101,532**
European Economic Community [2]	4,562	2,895	3,099	−484	−5,791	−5,498	−10,486	−21,851	−21,637
United Kingdom	−2,348	−1,149	−925	−1,846	−1,708	−1,462	−2,154	−3,848	−3,629
Belgium-Luxembourg	2,767	3,314	3,294	2,639	3,373	3,355	2,099	2,829	2,807
France	1,663	1,924	1,871	−3	162	103	−1,923	−2,061	−2,139
Germany	−2,688	−6,408	−5,936	−3,959	−10,126	−9,600	−8,110	−16,364	−15,852
Italy	−648	−599	−802	−1,536	−1,636	−1,843	−3,590	−3,933	−4,156
Netherlands	4,979	4,630	4,615	3,979	3,382	3,367	3,479	1,025	1,008
Other Western Europe	2,239	1,309	602	1,445	51	−477	−3,463	−5,280	−5,944
Eastern Europe	2,683	3,095	3,021	1,573	1,917	1,738	2,156	2,373	2,207
Canada	−9,320	457	239	−11,521	134	−19	−16,381	−5,137	−5,309
Latin America, other Western Hemisphere	−5,402	9,751	8,404	−16,283	−5,996	−7,589	−18,222	−11,044	−13,378
Mexico	−3,802	−1,599	−1,897	−7,690	−6,267	−6,606	−6,001	−3,494	−3,872
Venezuela	431	2,076	2,067	−2,238	−1,880	−1,888	−3,148	−2,523	−2,533
Australia	2,120	3,274	3,236	1,624	2,529	2,490	2,032	3,624	3,571
South Africa [3]	402	1,000	987	−235	349	338	1,126	345	327
Japan [4]	−16,989	−15,334	−15,424	−19,630	−18,352	−18,401	−34,023	−34,699	−34,764
Other Asia and Africa	−16,882	−6,761	−11,905	−18,446	−7,797	−13,721	−30,176	−20,194	−27,616
Int'l. and unallocated	42	289	−408	66	1,163	503	33	1,607	889

[1] Adjusted to balance of payments basis; excludes exports under U.S. military sales contracts and imports under direct defense expenditures. [2] Includes Denmark, Greece, Ireland, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank, not shown separately. [3] Includes New Zealand. [4] Includes Ryukyu Islands.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1985.

No. 1417. International Investment Position, 1950 to 1984, and by Selected Areas, 1984

[**In billions of dollars.** Estimates for end of year; subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or face values. See *Historical Statistics, Colonial Times to 1970*, series U 26-39, for similar data]

TYPE OF INVESTMENT	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978
U.S. net international investment position	36.7	37.2	44.7	61.6	58.5	58.7	74.2	83.6	72.7	76.1
U.S. assets abroad	54.4	65.1	85.6	120.4	165.4	255.7	295.1	347.2	379.1	447.8
U.S. official reserve assets	24.3	22.8	19.4	15.5	14.5	15.9	16.2	18.7	19.3	18.6
U.S. Government assets, other	11.1	13.1	17.0	23.5	32.1	38.3	41.8	46.0	49.5	54.2
U.S. private assets	19.0	29.1	49.2	81.4	118.8	201.5	237.1	282.4	310.2	375.0
Foreign assets in U.S	17.6	27.8	40.9	58.8	106.9	197.0	220.9	263.6	306.4	371.7
Foreign official assets	(NA)	(NA)	[1] 12.4	[1] 16.8	28.1	79.9	86.9	104.4	140.9	173.1
Other foreign assets	(NA)	(NA)	28.5	42.0	80.8	117.1	134.0	159.1	165.5	198.7

TYPE OF INVESTMENT	1979	1980	1981	1982	1983	1984			
						Total [2]	Western Europe	Canada	Latin America [3]	Japan
U.S. net international investment position	94.5	106.0	140.7	147.0	106.2	28.2	−137.4	63.7	77.5	−15.2
U.S. assets abroad	510.6	606.9	719.6	839.0	893.8	914.7	282.1	120.7	266.9	48.9
U.S. official reserve assets	19.0	26.8	30.1	34.0	33.7	34.9	4.1	(Z)	.5	2.0
U.S. Government assets, other	58.4	63.5	68.4	74.3	79.2	84.6	10.5	.7	15.5	.4
U.S. loans and other long-term assets	56.5	61.8	67.0	72.7	77.6	82.7	10.4	.7	15.2	.4
U.S. foreign currency holdings and short-term assets	1.9	1.7	1.4	1.7	1.7	2.0	(Z)	(Z)	.4	(Z)
U.S. private assets	433.2	516.6	621.2	730.7	780.8	795.1	267.5	120.0	250.9	46.4
Direct investments abroad	187.9	215.4	228.3	221.8	227.0	233.4	103.7	50.5	28.1	8.4
Foreign securities	56.8	62.7	63.5	75.7	84.3	89.9	32.1	42.9	.6	3.7
U.S. claims on unaffiliated foreigners [4]	31.5	34.7	35.9	28.6	35.1	28.8	9.1	5.1	9.5	1.5
U.S. claims reported by U.S. banks [5]	157.0	203.9	293.5	404.6	434.5	443.0	122.6	21.6	212.7	32.8
Foreign assets in the U.S.	416.1	500.8	579.0	692.0	787.6	886.4	419.5	57.0	189.4	64.1
Foreign official assets in the U.S. [6]	159.9	176.1	180.4	189.2	194.5	199.0	72.1	1.7	9.4	(7)
U.S. Government securities	106.6	118.2	125.1	132.6	137.0	142.9	(7)	(7)	(7)	(7)
Other U.S. Government liabilities	12.7	13.4	13.0	13.7	14.3	14.7	2.6	.2	.9	1.6
U.S. liabilities reported by U.S. banks [5]	30.5	30.4	26.7	25.0	25.5	26.2	(7)	(7)	(7)	(7)
Other foreign assets in the U.S.	256.3	324.8	398.6	502.8	593.1	687.4	347.4	55.3	179.9	(7)
Direct investments	54.5	83.0	108.7	124.7	137.1	159.6	106.6	14.0	15.5	14.8
U.S. securities [8]	58.6	74.1	75.4	93.6	114.7	128.2	89.2	19.7	8.1	4.2
U.S. liabilities to unaffiliated foreigners [4]	18.7	30.4	30.6	27.5	26.8	30.5	11.5	3.0	6.7	2.4
U.S. liabilities reported by U.S. banks [5]	110.3	121.1	165.4	231.3	280.6	312.3	(9)	(9)	(9)	(7)
U.S. Treasury securities	14.2	16.1	18.5	25.8	33.9	56.9	(9)	(9)	(9)	(7)

NA Not available. Z Less than $50 million. [1] Includes holdings of international and regional organizations that were shifted to "other foreign assets" in subsequent periods. [2] Includes other countries, international organizations, or unallocated, not shown separately. [3] Includes other Western Hemisphere. [4] Reported by U.S. nonbanking concerns. [5] Not included elsewhere. [6] Includes assets not shown separately. [7] Data included in "Foreign official assets in the U.S." [8] Excludes U.S. Treasury securities. [9] Data included in "Other foreign assets in the U.S."

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1985, and earlier issues.

No. 1418. U.S. Reserve Assets: 1960 to 1985

[**In billions of dollars.** As of **end of year,** except **1985** for June]

TYPE	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	**19.4**	**15.6**	**14.5**	**16.2**	**19.3**	**16.7**	**19.0**	**26.8**	**30.1**	**34.0**	**33.7**	**34.9**	**36.1**
Gold stock [1]	17.8	13.8	11.1	11.6	11.7	11.7	11.2	11.2	11.2	11.1	11.1	11.1	11.0
Special drawing rights	–	–	.9	2.3	2.6	1.6	2.7	2.6	4.1	5.3	5.0	5.6	6.2
Foreign currencies	–	.8	.6	.1	(Z)	4.4	3.8	10.1	9.8	10.2	6.3	6.7	7.4
Reserve position in IMF [2]	1.6	.9	1.9	2.2	4.9	1.0	1.3	2.9	5.1	7.3	11.3	11.5	11.4

– Represents zero. Z Less than $50 million. [1] Includes gold in Exchange Stabilization Fund; excludes gold held under earmark at Federal Reserve banks for foreign and international accounts. Beginning 1975, gold assets were valued at $42.22 pursuant to the amending of Section 2 of the Par Value Modification Act, PL-93-110, approved September 21, 1973. [2] International Monetary Fund.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly; and Department of the Treasury, *Treasury Bulletin*, monthly.

No. 1419. Foreign Direct Investment in the U.S.—Value, by Area and Industry: 1970 to 1984

[**In millions of dollars.** Book value at year end. Prior to 1975, covers U.S. firms, including real estate investments in which foreign interest or ownership was 25 percent or more; thereafter, ownership of 10 percent or more. Minus sign (–) indicates a negative position. See also *Historical Statistics, Colonial Times to 1970*, series U 47-74]

AREA AND INDUSTRY	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
All areas [1]	**13,270**	**27,662**	**34,595**	**42,471**	**54,462**	**83,046**	**108,714**	**124,677**	**137,061**	**159,571**
Petroleum	2,992	6,213	6,573	7,762	9,906	12,200	15,246	17,660	18,209	24,916
Manufacturing	6,140	11,386	14,030	17,202	20,876	32,993	40,533	44,065	47,665	50,664
Finance and insurance	2,256	3,152	4,544	5,231	7,575	12,027	14,748	17,933	10,934	13,065
Trade, wholesale and retail	994	4,844	7,237	9,161	11,562	15,210	20,537	23,604	26,513	30,494
Canada	**3,117**	**5,352**	**5,650**	**6,180**	**7,154**	**12,162**	**12,116**	**11,708**	**11,434**	**14,001**
Petroleum	190	596	710	723	943	1,817	1,801	1,550	1,391	1,419
Manufacturing	1,836	3,061	3,077	3,213	3,615	5,227	3,376	3,500	3,313	3,888
Finance and insurance	324	341	367	397	505	1,612	1,808	1,801	1,061	1,529
Europe	**9,554**	**18,584**	**23,754**	**29,180**	**37,403**	**54,688**	**72,377**	**83,193**	**92,936**	**106,567**
Petroleum	2,777	5,478	5,523	6,569	8,010	10,137	12,854	15,071	16,326	22,897
Manufacturing	4,091	6,673	9,267	11,717	13,952	21,953	30,897	33,032	36,866	38,684
Finance and insurance	1,805	2,088	3,076	3,575	5,529	8,673	10,084	12,601	8,450	10,021
United Kingdom	4,127	6,331	6,397	7,638	9,796	14,105	18,585	28,447	32,152	38,099
Petroleum	1,220	(D)	486	492	199	–257	–124	5,444	5,955	10,917
Manufacturing	1,391	1,833	2,305	3,014	3,547	6,159	7,602	8,504	9,221	9,347
Finance and insurance	1,141	932	1,425	1,596	2,432	3,350	4,569	5,661	3,777	3,516
Netherlands	2,151	5,347	7,830	10,078	12,672	19,140	26,824	26,191	29,182	32,643
Petroleum	1,311	(D)	(D)	5,041	6,478	9,265	11,547	8,098	8,646	9,878
Manufacturing	652	1,345	2,237	3,058	3,492	4,777	9,018	9,901	11,222	12,470
Switzerland	1,545	2,138	2,651	2,879	3,449	5,070	5,474	6,378	7,464	8,349
Manufacturing	1,147	1,308	1,769	1,949	2,281	3,116	3,278	3,584	4,165	4,782
Finance and insurance	351	365	486	519	598	1,033	1,059	1,473	1,830	1,869
Germany, F.R	680	1,408	2,529	3,654	5,665	7,596	9,459	9,850	10,845	11,956
Manufacturing	(NA)	894	1,301	1,920	2,665	3,875	4,199	4,239	4,487	4,431
Finance and insurance	(NA)	(D)	207	253	796	1,248	1,339	1,426	1,416	1,622
Other Europe	1,051	3,360	4,347	4,931	5,821	8,777	12,035	12,327	13,293	[2] 15,520
Petroleum	(NA)	490	(D)	1,049	1,268	991	1,315	1,380	1,679	2,081
Manufacturing	(NA)	1,293	1,655	1,775	1,967	4,026	6,800	6,804	7,771	7,654
Finance Insurance	(NA)	(D)	385	471	583	1,193	546	429	–908	164
Japan	**229**	**591**	**1,755**	**2,749**	**3,493**	**4,723**	**7,697**	**9,677**	**11,336**	**14,817**
Other areas	**370**	**3,135**	**3,436**	**4,362**	**6,412**	**11,472**	**16,524**	**20,099**	**21,356**	**24,187**

D Withheld to avoid disclosure of data of individual companies. NA Not available. [1] Area totals include industries not shown separately. [2] Direct investments (in millions of dollars): Belgium and Luxembourg, 3,310; France, 6,502; Italy, 1,614; and Sweden, 2,222.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August 1985, and earlier issues.

No. 1420. U.S. Affiliates of Foreign Companies—Assets, Sales, Employment, Land, Exports, and Imports: 1982

[A U.S. affiliate is a U.S. business enterprise in which one foreign owner (individual, branch, partnership, association, trust, corporation, or government) has a direct or indirect voting interest of 10 percent or more. Universe estimates based on a sample survey of nonbank affiliates with assets, sales, or net income of $5 million or more or that own at least 1,000 acres of U.S. land]

INDUSTRY	Total assets (mil. dol.)	Sales [1] (mil. dol.)	Employment [2] (1,000)	Employee compensation (mil. dol.)	GROSS BOOK VALUE		Land owned (1,000 acres)	Merchandise exports [4] (mil. dol.)	Merchandise imports [4] (mil. dol.)
					Plant and equipment [3] (mil. dol.)	Land (mil. dol.)			
Total	**472,989**	**515,722**	**2,435**	**62,013**	**223,265**	**24,129**	**14,164**	**59,744**	**64,831**
Mining	13,885	5,928	39	1,507	11,748	2,005	(D)	1,234	132
Petroleum	59,952	72,228	123	4,299	57,680	2,693	(D)	1,497	8,415
Manufacturing	129,505	141,219	1,239	34,321	84,376	3,106	6,286	13,170	12,593
Chemicals and allied products	51,444	54,264	390	12,197	42,638	1,227	925	4,831	2,813
Wholesale trade [5]	93,324	209,523	280	7,306	13,460	733	404	42,554	62,114
Motor vehicles and auto parts and supplies	13,824	42,333	52	1,437	3,730	214	10	3,307	20,825
Farm-product raw materials	7,126	39,863	32	725	1,740	120	(D)	21,735	5,781
Retail trade	14,794	31,633	390	5,307	7,698	487	10	627	1,020
Finance, except banking	51,611	7,980	25	1,135	1,130	131	15	133	(D)
Insurance	47,974	23,060	71	1,558	1,884	360	18	(D)	1
Real estate	40,226	6,882	25	483	32,841	12,384	2,566	(D)	4
Other	21,718	17,268	244	6,098	12,448	2,231	3,055	522	(D)

D Withheld to avoid disclosure of data of individual companies. [1] Excludes returns, discounts, allowances, and sales and excise taxes. [2] Average number of full-time and part-time employees. [3] Includes other property, value of mineral rights owned and capitalized value of mineral rights leased. [4] F.a.s. value at port of exportation. [5] Includes industries not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, December 1984, and *Foreign Direct Investment in the United States*, Annual Survey Results, Preliminary 1982 Estimates.

NO. 1421. U.S. BUSINESSES ACQUIRED OR ESTABLISHED BY FOREIGN DIRECT INVESTORS, BY INDUSTRY OF U.S. BUSINESS ENTERPRISE: 1983 AND 1984

[Foreign direct investment is the ownership or control, directly or indirectly, by one foreign individual branch, partnership, association, trust, corporation, or government of 10 percent or more of the voting securities of a U.S. business enterprise or an equivalent interest in an unincorporated one. Data represent number and full cost of acquisitions of existing U.S. business enterprises, including business segments or operating units of existing U.S. business enterprises and establishments of new enterprises. Investments may be made by the foreign direct investor itself, or indirectly by an existing U.S. affiliate of the foreign direct investor. Covers investments in U.S. business enterprises with assets of over $1 million, or ownership of 200 acres of U.S. land]

INDUSTRY	1983						1984, prel.					
	Investments			Investors			Investments			Investors		
	Total	Acquisition	Establishments	Total	Foreign direct investors	U.S. affiliates	Total	Acquisition	Establishments	Total	Foreign direct investors	U.S. affiliates
NUMBER OF INVESTMENTS [1]												
Total	**775**	**282**	**493**	**850**	**460**	**390**	**551**	**222**	**329**	**592**	**311**	**281**
Agriculture and forestry	89	3	86	94	57	37	53	1	52	53	38	15
Mining	5	4	1	5	–	5	4	3	1	4	–	4
Petroleum	31	16	15	37	22	15	21	14	7	22	8	14
Manufacturing	147	124	23	159	63	96	111	96	15	116	43	73
Wholesale trade	38	27	11	40	15	25	32	26	6	35	15	19
Retail trade	20	15	5	21	8	13	21	16	5	22	8	14
Banking	24	3	21	26	25	1	18	6	12	18	13	5
Finance, except banking	27	11	16	32	19	13	17	7	10	18	8	10
Insurance	6	4	2	6	4	2	4	4	–	4	2	2
Real estate	321	26	295	359	210	149	223	15	208	252	157	95
Other	67	49	18	71	37	34	47	34	13	49	19	30
INVESTMENT OUTLAYS (mil. dol.)												
Total	**8,091**	**4,848**	**3,244**	**8,091**	**2,528**	**5,564**	**13,018**	**10,599**	**2,419**	**13,018**	**3,454**	**9,564**
Agriculture and forestry	182	18	164	182	(D)	(D)	(D)	1	(D)	(D)	76	(D)
Mining	37	(D)	(D)	37	–	37	806	(D)	(D)	806	–	806
Petroleum	394	225	169	394	78	316	3,080	2,960	120	3,080	362	2,718
Manufacturing	3,113	2,980	133	3,113	725	2,388	2,471	2,094	377	2,471	1,048	1,423
Wholesale trade	198	161	38	198	42	156	761	748	13	761	73	688
Retail trade	95	87	8	95	19	76	1,021	(D)	(D)	1,021	30	991
Banking	173	(D)	(D)	173	169	4	803	(D)	(D)	803	(D)	(D)
Financing, except banking	457	352	104	457	256	201	741	518	228	741	226	516
Insurance	121	(D)	(D)	121	(D)	(D)	149	149	–	149	(D)	(D)
Real estate	2,659	249	2,410	2,659	905	1,754	1,510	196	1,314	1,510	636	871
Other	664	569	95	664	157	507	(D)	1,430	(D)	(D)	231	(D)

– Represents zero. D Withheld to avoid disclosure of data of individual companies. [1] Excludes 170 investments in 1984 that do not meet asset or acreage criteria in headnote.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1985.

NO. 1422. U.S. BUSINESSES ACQUIRED BY FOREIGN DIRECT INVESTORS—ASSETS, SALES, AND EMPLOYMENT, BY INDUSTRY OF U.S. BUSINESS ENTERPRISE: 1983 AND 1984

[See headnote, table 1421. Minus sign (–) indicates loss]

INDUSTRY	1983					1984, prel.				
	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employment (1,000)	Acres of land owned (1,000)	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employment (1,000)	Acres of land owned (1,000)
Total	**14,510**	**13,981**	**235**	**103**	**148**	**28,749**	**14,238**	**270**	**142**	**150**
Agriculture and forestry	(D)	31	(Z)	(D)	(Z)	1	(Z)	(D)	(D)	(D)
Mining	61	(D)	–2	(D)	(D)	(D)	450	144	3	76
Petroleum	569	(D)	3	1	3	(D)	1,449	55	16	3
Manufacturing	3,703	5,054	59	52	53	4,632	5,166	–125	48	56
Wholesale trade	330	789	3	3	(Z)	998	2,718	58	12	(Z)
Retail trade	291	930	12	12	(D)	1,227	2,085	50	33	(Z)
Banking	(D)	(D)	(D)	(D)	(D)	(D)	499	(D)	(D)	(Z)
Finance, except banking	4,633	(D)	70	3	(D)	(D)	470	–11	3	(D)
Insurance	274	87	(D)	1	(D)	646	278	25	(D)	(Z)
Real estate	546	104	3	(D)	(D)	232	18	1	(Z)	(Z)
Other	613	738	16	26	3	1,847	1,104	39	21	2

D Withheld to avoid disclosure of data of individual companies. Z Fewer than 500 or less than $500,000.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1985.

No. 1423. U.S. Direct Investment Position Abroad and Income, by Country, 1970 to 1984, and by Selected Industries, 1984

[**In millions of dollars.** Direct investments represent private enterprises in one country controlled by investors in another country or in the management of which foreign investors have an important role. Data for 1970 and 1975 are based on the 1966 benchmark survey; data for 1980 through 1984 are based on the 1977 benchmark survey. Because of differences in definition, data based on different benchmarks are not entirely comparable. Negative position occurs when U.S. parent company's liabilities to the foreign affiliate are greater than its investment in the foreign affiliate. See also *Historical Statistics, Colonial Times to 1970*, series U 41–46]

COUNTRY	DIRECT INVESTMENT POSITION (at yearend)									INCOME [3]								
						1984, prel.									1984, prel.			
	1970	1975	1980	1982	1983	Total [1]	Manufacturing	Petroleum	Finance, insurance [2]	1970	1975	1980	1982	1983	Total [1]	Manufacturing	Petroleum	Finance, insurance [2]
All areas	**75,480**	**124,050**	**215,375**	**221,843**	**226,962**	**233,412**	**93,012**	**63,319**	**14,167**	**8,169**	**16,595**	**37,146**	**22,600**	**21,271**	**23,078**	**7,236**	**10,065**	**−956**
Developed countries	**51,819**	**90,695**	**158,214**	**164,312**	**169,975**	**174,057**	**72,866**	**40,616**	**20,440**	**4,577**	**9,509**	**24,638**	**13,423**	**15,082**	**15,748**	**5,329**	**6,043**	**1,419**
Canada	21,015	31,038	45,119	46,190	47,553	50,467	21,467	11,614	7,687	1,518	3,412	5855	2,886	5,165	5,500	3,090	1,468	479
Europe [4]	25,255	49,305	96,287	99,525	102,689	103,663	43,661	24,714	11,227	2,401	4,989	15,991	9,054	8,090	8,886	1,864	4,166	841
European Economic Community (EEC) [5]	20,104	38,773	77,152	77,713	78,914	78,867	39,935	20,152	6,372	1,919	3,620	12,816	6,661	5,995	6,158	1,813	3,275	123
Belgium and Luxembourg	1,546	3,306	6,911	6,424	6,381	5,742	3,084	596	−35	158	270	637	262	338	371	187	−70	23
Denmark and Ireland	571	1,295	3,585	4,263	5,076	5,807	3,970	798	524	45	170	503	695	861	1,044	765	46	104
France	2,643	5,743	9,347	7,812	6,911	6,478	4,187	495	228	237	657	1,253	−78	−95	213	202	−115	25
Germany	4,313	8,726	15,415	15,869	16,008	15,231	9,362	3,192	970	588	956	1,864	1,095	694	227	195	28	27
Italy	1,464	2,679	5,397	4,644	4,794	4,998	3,264	810	90	85	90	1,298	486	307	405	386	−51	15
Netherlands	1,550	3,097	8,039	8,591	8,682	8,262	3,347	3,228	366	180	540	1,853	1,222	1,180	856	325	509	−63
United Kingdom	8,016	13,927	28,460	29,799	30,801	32,145	10,949	10,949	4,214	626	936	5,408	2,946	2,694	3,062	−248	2,921	−10
Other Western Europe [4]	5,151	10,532	19,135	21,812	23,775	24,796	3,726	4,561	4,855	483	1,369	3,174	2,393	2,095	2,728	52	891	719
Switzerland	2,631	5,152	11,280	13,332	15,072	15,983	1,262	263	4,505	333	853	1,865	1,435	1,464	1,561	55	46	684
Japan	1,482	3,339	6,225	6,930	8,063	8,374	4,120	2,100	364	228	233	839	653	1,194	761	386	225	27
Australia, New Zealand, South Africa	4,067	7,013	10,583	11,666	11,671	11,554	3,617	2,189	1,162	430	875	1,953	830	633	602	−11	184	72
Developing countries [6]	**19,192**	**26,288**	**53,206**	**52,618**	**51,430**	**53,932**	**20,146**	**18,417**	**−6,273**	**2,941**	**6,683**	**11,894**	**8,439**	**5,439**	**6,792**	**1,907**	**3,523**	**−2,375**
Latin American Republics [7]	11,104	16,394	26,535	30,915	30,204	30,879	15,061	4,266	3,651	1,206	2,155	3,689	1,408	855	1,902	1,097	−61	282
Mexico, Panama, other Central America	3,644	5,811	10,193	10,778	10,339	10,386	4,787	207	2,337	264	926	1,797	−841	897	625	420	−367	235
Argentina	1,022	1,154	2,540	3,017	3,080	3,157	1,695	773	45	109	103	695	395	326	91	1	−35	7
Brazil	1,526	4,579	7,704	8,997	9,026	9,551	6,544	352	1,008	208	657	499	886	299	622	547	−15	35
Chile	758	174	536	617	627	601	78	68	13	81	(Z)	7	−27	63	65	25	9	2
Colombia	584	648	1,012	1,650	1,894	2,103	719	937	33	43	53	68	232	141	231	59	155	1
Peru	744	1,221	1,665	2,267	2,319	2,220	94	1,116	1	74	−88	(D)	301	149	118	−3	98	1
Venezuela	2,241	1,872	1,908	2,371	1,685	1,711	722	257	168	395	344	108	353	−673	70	33	15	−1
Other Western Hemisphere	1,358	5,773	12,226	1,740	−530	−2,785	603	1,674	−11,223	215	1,047	3,280	1,405	−101	−1,035	33	28	−2,793
Other Africa [8]	2,427	2,414	3,778	5,086	5,219	6,247	508	4,485	166	522	534	1,406	914	831	1,273	27	1,147	1
Middle East [9]	1,545	−4,040	2,163	2,416	3,047	3,435	260	1,205	152	711	1,643	−22	1,142	564	911	39	359	4
Other Asia and Pacific	2,260	5,747	8,505	12,462	13,491	16,156	3,714	6,787	902	287	1,304	3,542	3,570	3,290	3,742	710	2,050	132
International [6]	**4,469**	**7,067**	**3,955**	**4,913**	**5,557**	**5,423**	–	**4,285**	–	**650**	**404**	**614**	**738**	**749**	**537**	–	**499**	–

– Represents zero. D Suppressed to avoid disclosure of individual companies. Z Less than $500,000. [1] Includes industries not shown separately. [2] Excludes affiliates that are banks. [3] Prior to 1982, equals sum of interest, dividends, earnings of unincorporated affiliates, and reinvested earnings of incorporated affiliates. 1982–1984, defined as interest plus earnings minus foreign withholding taxes on distributed earnings. [4] Includes Mediterranean possessions and Eastern Europe. [5] As of Jan. 1, 1973, United Kingdom, Denmark, and Ireland became members of the EEC. For consistency, data for all years are shown on same basis. Beginning in 1981, includes Greece which was previously reported under "Other Western Europe." [6] Includes affiliates that have operations spanning more than one country and that are engaged in petroleum shipping, other water transportation, or operating oil and gas drilling equipment that is moved from country to country during the year. [7] Includes countries not shown below. [8] Includes Egypt and all other in Africa except South Africa. [9] Includes Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Neutral Zone, Qatar, Saudi Arabia, South Yemen, Oman, United Arab Emirates, and Yemen.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1985, and supplement titled *Revised Data Series on U.S. Direct Investment Abroad, 1966–78*.

No. 1424. U.S. Government Foreign Grants and Credits: 1945 to 1984

[In millions of dollars. "P.L." means Public Law. For explanation of minus sign (−), see headnote, table 1425. See also text, pp. 791 and 792, and *Historical Statistics, Colonial Times to 1970*, series U 75-101]

PROGRAM	Post WW II period[1]	1945–1955, total	1956–1965, total	1966–1975, total	1976–1980, total	1981	1982	1983	1984, prel.
Total, net	**263,256**	**53,499**	**49,723**	**70,367**	**41,570**	**10,558**	**11,901**	**11,642**	**13,996**
Investment in international financial institutions [2]	13,140	635	655	2,719	4,185	1,142	1,007	1,369	1,427
Under assistance programs, net	**250,116**	**52,864**	**49,067**	**67,647**	**37,385**	**9,416**	**10,893**	**10,273**	**12,569**
Developed countries [3]	43,678	36,039	5,834	616	390	509	−78	278	90
Developing countries [3]	206,438	16,826	43,233	67,032	36,996	8,907	10,971	9,995	12,479
Net new military grants	78,506	14,810	21,564	30,236	5,662	1,159	1,369	1,357	2,348
Developed countries [3]	18,805	8,910	7,931	691	497	169	201	239	169
Developing countries [3]	59,701	5,901	13,633	29,545	5,165	991	1,169	1,118	2,180
Gross new grants	79,060	15,044	21,805	30,281	5,678	1,163	1,373	1,361	2,354
Foreign Assistance Act [4]	77,407	13,427	21,769	30,281	5,678	1,163	1,373	1,361	2,354
Military supplies and services	45,205	12,282	20,662	9,802	1,438	263	346	224	187
Military assistance, service funded [5]	18,169	–	8	18,161	–	–	–	–	–
Financing of military purchases [6]	8,741	–	–	1,584	3,129	317	755	934	2,022
Relocation of facilities in Israel	800	–	–	–	473	327	–	–	–
Other special programs	4,492	1,145	1,100	734	637	256	272	203	145
Other	1,653	1,617	36	–	–	–	–	–	–
Less: Reverse grants and returns	*553*	*234*	*241*	*45*	*16*	*4*	*4*	*4*	*6*
Other grants, credits, and other assistance (through net accumulation of foreign currency claims)	171,609	38,054	27,503	37,412	31,723	8,257	9,524	8,916	10,221
Developed countries [3]	*24,873*	*27,129*	*−2,097*	*−75*	*−107*	*340*	*−278*	*40*	*−79*
Developing countries [3]	*146,737*	*10,925*	*29,600*	*37,487*	*31,831*	*7,916*	*9,802*	*8,876*	*10,299*
Net new economic and technical aid grants [7]	103,271	28,871	17,675	21,748	14,264	4,149	4,746	5,352	6,466
Developed countries [3]	21,250	20,294	780	−182	42	24	94	100	99
Developing countries [3]	*82,021*	*8,578*	*16,896*	*21,929*	*14,222*	*4,125*	*4,652*	*5,253*	*6,367*
Gross new grants	105,203	30,225	17,993	22,003	14,269	4,149	4,746	5,352	6,466
Foreign Assistance Act [4]	67,104	17,711	12,189	12,191	9,621	2,814	3,504	4,018	5,056
Farm products disposals:									
Foreign currencies, P.L. 83-480 [8]	8,462	–	2,048	4,234	107	29	10	25	9
Famine and other urgent relief	10,220	530	2,704	2,862	1,923	488	461	582	670
Payment of transportation	2,994	–	494	946	709	246	198	175	226
Food for development loan forgiveness	342	–	–	–	110	42	59	91	40
Supplies to military or trusteeship administration areas	7,633	5,872	132	536	507	132	186	129	139
Peace Corps	2,003	–	232	912	430	102	102	116	110
Other	8,444	6,113	194	321	862	295	227	217	217
Less: Reverse grants and returns	*1,932*	*1,353*	*318*	*255*	*6*	–	–	–	–
Net new credits [9]	66,578	8,642	7,025	16,954	17,745	4,122	4,776	3,568	3,746
Developed countries [3]	3,356	6,646	−3,207	310	−28	270	−399	−60	−176
Developing countries [3]	63,222	1,996	10,232	16,644	17,774	3,852	5,175	3,628	3,922
New credits	131,192	12,039	15,429	37,422	33,627	8,102	8,594	8,176	7,802
Export-Import Bank Act	45,357	4,271	5,257	15,505	9,873	3,058	2,276	2,598	2,518
Foreign Assistance Act [4]	52,733	1,919	6,196	12,053	15,745	3,860	4,501	4,514	3,944
Country program loans	25,924	1,765	5,722	8,362	6,080	1,143	1,125	969	759
Financing of military purchases	25,542	9	247	3,089	9,401	2,709	3,366	3,536	3,185
Social Progress Trust Fund	870	–	226	487	156	1	−1	5	−4
Other	397	145	2	116	109	7	11	4	4
P.L. 83-480 [8]	18,136	48	3,839	7,161	3,806	808	768	797	910
Loans of foreign currency:									
To foreign governments	5,186	48	3,285	1,843	9	(z)	1	(z)	(z)
To private enterprises	435	–	202	217	7	1	4	3	2
Long-term credit sales	12,515	–	352	5,101	3,790	807	763	794	908
P.L. 80-806 [10]	7,692	–	–	2,433	4,166	366	39	261	426
Other	7,274	5,801	137	271	37	9	1,010	7	2
Less: Principal collections	*64,614*	*3,397*	*8,404*	*20,469*	*15,882*	*3,980*	*3,817*	*4,609*	*4,057*
Export-Import Bank Act	28,507	1,803	4,458	9,282	5,806	1,463	1,612	1,925	2,159
Foreign Assistance Act [4]	14,847	38	1,263	3,557	4,745	1,297	1,335	1,283	1,331
Country program loans	7,183	1	944	2,481	1,995	447	451	424	439
Financing of military purchases	6,832	2	222	852	2,442	804	839	817	855
Social Progress Trust Fund	529	–	9	198	215	31	28	24	24
Other	303	35	88	25	93	15	17	18	12
P.L. 83-480 [8]	6,570	–	180	3,753	1,303	302	333	367	332
Loans of foreign currency:									
To foreign governments	2,979	–	111	2,354	318	52	54	44	46
To private enterprises	313	–	43	175	74	7	5	5	4
Long-term credit sales	3,278	–	27	1,223	911	243	273	318	283
Lend-lease, surplus property, and grant settlements	4,485	677	2,001	1,438	290	17	20	20	22
P.L. 80-806 [10]	6,353	–	–	1,763	3,351	799	268	64	108
Other	3,852	880	501	677	386	103	250	950	105

See footnotes at end of table.

No. 1424. U.S. Government Foreign Grants and Credits: 1945 to 1984—Con.

[In millions of dollars. See headnote, p. 801]

PROGRAM	Post WW II period [1]	1945–1955, total	1956–1965, total	1966–1975, total	1976–1980, total	1981	1982	1983	1984, prel.
Other assistance (through net accumulation of foreign currency claims) [11]	1,760	541	2,802	−1,290	−286	−15	1	−4	9
Developed countries [3]	267	190	330	−203	−121	46	26	(Z)	−1
Developing countries [3]	1,493	351	2,472	−1,086	−165	−60	−25	−4	10
Currency claims acquired	20,329	813	11,498	6,888	656	176	124	93	80
Sales of farm products	15,100	813	11,170	3,013	1	69	29	4	1
Second-stage operations [12]	5,230	-	329	3,875	655	108	95	90	79
Less: Currencies disbursed	*18,569*	*272*	*8,696*	*8,178*	*942*	*191*	*123*	*97*	*71*
Economic grants and credits to purchasing country	13,465	182	6,863	6,238	112	25	11	25	11
Other uses	5,104	90	1,833	1,940	830	166	111	73	61

- Represents zero. Z Less than $500,000. [1] July 1, 1945, through Dec. 31, 1984. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945). [2] For details, see table 1425. [3] Developed countries include Australia, Canada, Japan, New Zealand, South Africa, all countries listed under "Western Europe" in table 1425, except Portugal, Spain (through 1981), Yugoslavia, and Malta, and all countries listed under "Eastern Europe" in table 1425. Developing countries include all other countries listed in table 1425 (including Spain through 1981). [4] Foreign Assistance Act of 1961 (P.L. 87-195), as amended. Also includes predecessor and related programs. [5] Includes military assistance under Dept. of Defense Appropriation Act, 1966 (P.L. 89-384) and later acts. [6] Includes funds made available under Public Law 93-199 and subsequent legislation to release Israel from its contractual liability to pay for defense articles and services purchased under other legislation. [7] Net new grants are not adjusted for settlements for postwar relief and other grants under agreements, and net new credits exclude prior grants converted into credits, which were as follows: July 1945–December 1955, $2,198 million; 1956–65, $491 million; 1972, $994 million. Repayments on these settlements are included in net new credits. [8] Agricultural Trade Development and Assistance Act. [9] Outstanding credits on Dec. 31, 1984, totaled $69,040 million representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, less chargeoffs and net adjustments due to exchange rates ($1,932 million), and excluding World War I debts. The amount repayable in dollars at U.S. Government option was $67,255 million; the remainder was repayable in foreign currencies, commodities, or services, at the option of the borrowers. [10] Commodity Credit Corporation Charter Act. [11] Equivalent value of currencies still available to be used, including some funds advanced from foreign governments and after loss by exchange rate fluctuations $1,527 million), was $224 million on Dec. 31, 1984. [12] Includes foreign currencies acquired from triangular trade operations and principal and interest collections on credits, originally extended under P.L. 83-480, which—since enactment of P.L. 87-128—are available for the same purposes as P.L. 83-480 currencies.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

No. 1425. U.S. Government Foreign Grants and Credits, by Type and Country: 1945 to 1984

[In millions of dollars. See text, pp. 791 and 792. Negative figures (−) occur when the total of grant returns, principal repayments, and/or foreign currencies disbursed by the U.S. Government exceeds new grants and new credits utilized and/or acquisitions of foreign currencies through new sales of farm products. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II period,[1] total	1945–1955, total	1956–1965, total	1966–1975, total	1976–1980, total	1981	1982	1983	1984, prel.
Total, net	**263,256**	**53,499**	**49,723**	**70,367**	**41,570**	**10,558**	**11,901**	**11,642**	**13,996**
Investment in financial institutions	13,140	635	655	2,719	4,185	1,142	1,007	1,369	1,427
African Development Bank	36	-	-	-	-	-	-	18	18
African Development Fund	105	-	-	-	25	-	-	23	57
Asian Development Bank	577	-	-	110	223	49	59	56	80
Inter-American Development Bank	4,070	-	300	1,321	1,378	294	189	235	353
Int'l. Bank for Reconst. and Development	960	635	-	13	71	132	48	34	27
International Development Association	7,245	-	320	1,275	2,403	655	697	1,002	892
International Finance Corporation	147	-	35	-	86	11	14	-	-
Under assistance programs	**250,116**	**52,864**	**49,067**	**67,647**	**37,385**	**9,416**	**10,893**	**10,273**	**12,569**
Western Europe	43,256	33,783	6,752	1,004	1,327	148	−186	170	260
Austria	1,217	1,019	193	−19	2	12	8	(Z)	3
Belgium and Luxembourg	1,896	1,606	305	17	27	−11	−15	−17	−17
Denmark	909	596	276	64	−2	2	−4	−13	−12
Finland	65	86	−26	−19	5	17	−6	19	−11
France	8,371	8,810	−171	−93	−193	34	−5	6	−17
Germany, Federal Republic of	3,685	3,907	10	−117	−82	−13	−9	−6	−6
Iceland	49	34	33	−8	−8	−1	−1	−1	−1
Ireland	85	146	−16	−51	−35	44	8	−7	−4
Italy	5,710	3,987	1,435	85	147	122	−28	−25	−12
Malta	84	1	3	47	34	-	-	-	-
Netherlands	2,046	1,779	322	116	−78	−33	−26	−20	−14
Norway	1,212	697	362	379	−149	−36	−26	−12	−4
Portugal	1,414	248	241	34	807	−100	−2	64	122
Spain	3,009	258	1,203	607	528	79	14	101	220
Sweden	108	108	−20	17	18	−1	−4	−5	−3
United Kingdom	6,210	7,495	105	−546	−258	−125	−208	−119	−134
Yugoslavia	2,862	1,471	1,151	84	139	12	−31	20	16
Other [2] and unspecified	4,322	1,534	1,348	407	424	144	146	186	133

See footnotes at end of table.

NO. 1425. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY TYPE AND COUNTRY: 1945 TO 1984—Continued

[**In millions of dollars.** See headnote, p. 802. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

COUNTRY	Post WW II period,[1] total	1945-1955, total	1956-1965, total	1966-1975, total	1976-1980, total	1981	1982	1983	1984, prel.
Eastern Europe	**2,812**	**1,097**	**501**	**226**	**726**	**174**	**55**	**54**	**−20**
Czechoslovakia	186	191	–	–	–	–	(z)	−2	−3
Poland	1,851	425	555	−75	507	236	86	74	42
Romania	112	–	–	92	99	−49	−16	5	−18
Soviet Union	605	425	−59	214	111	−17	−11	−21	−39
Eastern and unspecified other Europe	59	56	5	−5	9	3	−4	−2	−2
Near East and South Asia	**82,491**	**5,092**	**16,828**	**17,196**	**19,681**	**5,210**	**6,037**	**6,001**	**6,447**
Afghanistan	519	31	227	185	88	−5	−1	−2	−4
Bangladesh	2,190	–	–	701	679	130	202	219	259
Cyprus	160	–	19	20	123	−1	−2	(z)	1
Egypt	12,688	41	1,009	271	3,643	1,397	2,344	2,060	1,923
Greece	4,742	2,147	1,281	905	479	−49	−52	44	−14
India	10,072	399	4,890	3,810	512	215	89	74	81
Iran	1,443	314	1,061	914	−541	(z)	–	−306	–
Iraq	105	13	81	−5	−6	−1	−1	32	−8
Israel	26,243	390	483	3,760	11,233	2,441	2,181	2,681	3,094
Jordan	2,468	26	495	618	785	315	170	77	−18
Lebanon	383	15	78	90	82	30	−2	57	31
Nepal	346	3	86	105	59	19	22	28	24
Oman	84	–	–	(z)	14	30	22	3	14
Pakistan	6,819	189	3,092	2,048	466	94	167	348	415
Saudi Arabia	53	13	35	23	−18	6	−1	−2	−2
Sri Lanka (Ceylon)	664	(z)	89	153	194	32	49	63	83
Syria	335	1	57	15	193	17	27	25	1
Turkey	10,302	1,295	3,020	2,703	1,261	393	696	491	443
Yemen Arab Republic	238	–	40	24	49	26	30	37	33
UNRWA[3]	1,222	131	274	296	249	65	69	71	67
Other and unspecified	1,415	82	510	559	137	56	26	22	24
Africa	**15,070**	**146**	**2,272**	**3,610**	**3,610**	**1,239**	**1,192**	**1,221**	**1,778**
Algeria	874	1	135	263	495	172	(z)	−83	−108
Angola	83	–	–	6	8	45	37	−8	−5
Benin	59	–	7	12	26	4	4	2	4
Botswana	173	–	(z)	35	54	20	20	18	27
Burkina	283	–	5	40	99	40	30	30	39
Burundi	61	–	4	5	15	9	8	8	13
Cameroon	211	–	16	50	56	52	14	3	20
Cape Verde	64	–	–	1	25	8	12	12	6
Chad	129	(z)	5	20	49	2	6	18	29
Ethiopia	652	13	200	297	111	3	2	6	19
Ghana	401	(z)	64	203	80	19	7	8	20
Guinea	189	–	58	68	39	17	1	2	4
Ivory Coast	116	–	14	57	41	9	−5	−3	2
Kenya	571	(z)	34	76	176	87	54	81	63
Lesotho	200	–	(z)	27	50	32	27	28	36
Liberia	636	25	139	86	64	76	72	69	106
Libya	224	25	192	6	–	–	–	–	–
Madagascar	81	(z)	7	13	6	10	15	10	19
Malawi	83	–	5	30	23	5	3	7	10
Mali	217	–	12	58	67	18	15	16	32
Mauritania	143	–	1	20	41	21	13	22	25
Morocco	1,694	7	464	413	272	52	56	117	313
Mozambique	124	–	–	1	70	17	5	11	21
Niger	198	–	5	64	53	12	22	18	23
Nigeria	487	(z)	87	284	−16	7	−5	80	49
Rwanda	88	–	2	13	22	11	12	11	18
Senegal	374	–	18	48	115	37	33	49	74
Sierra Leone	133	(z)	22	36	40	6	8	11	9

See footnotes at end of table.

No. 1425. U.S. Government Foreign Grants and Credits, by Type and Country: 1945 to 1984—Continued

[In millions of dollars. See headnote, p. 802. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

COUNTRY	Post WW II period,[1] total	1945-1955, total	1956-1965, total	1966-1975, total	1976-1980, total	1981	1982	1983	1984, prel.
Africa—Continued									
Somalia	552	(z)	42	47	112	70	77	91	114
Sudan	1,053	-	86	52	115	104	261	213	222
Swaziland	58	-	(z)	8	17	7	7	11	7
Tanzania	396	2	34	123	137	31	28	20	22
Togo	78	-	9	18	22	5	7	9	7
Tunisia	1,308	2	407	376	143	25	118	125	113
Uganda	80	-	12	33	15	10	2	4	3
Zaire	1,472	(z)	258	342	469	65	85	44	207
Zambia	315	-	1	35	157	29	15	25	53
Zimbabwe	217	-	(z)	(z)	26	28	27	62	74
Other and unspecified	993	71	−75	343	316	75	97	74	91
Far East and Pacific	**70,786**	**10,466**	**16,199**	**34,778**	**5,743**	**932**	**813**	**1,195**	**660**
Australia	304	1	(z)	276	−161	81	37	75	−5
Burma	226	25	134	43	9	(z)	6	3	7
Cambodia	2,126	28	327	1,771	-	-	-	-	-
China: Mainland	43	-	-	-	1	1	12	9	20
Taiwan	6,369	1,267	2,681	1,523	860	191	34	−44	−144
Hong Kong	104	3	35	41	4	32	11	−9	−14
Indonesia	3,763	250	501	1,388	1,101	19	21	259	224
Japan and Ryukyu Islands	4,054	3,275	1,318	−345	−63	68	−84	−16	−99
Korea, Republic of	15,050	1,421	4,744	5,426	2,028	300	475	448	208
Laos	2,552	37	647	1,868	-	-	-	-	-
Malaysia	167	1	30	86	17	−17	−5	61	−6
New Zealand	45	5	2	95	8	−18	−19	−15	−13
Philippines	3,476	1,057	554	729	633	58	62	241	142
Singapore	241	-	(z)	78	170	−14	−15	−34	56
Thailand	2,580	192	727	996	413	35	49	60	109
Trust Territory of the Pacific Islands	1,713	30	89	488	514	133	188	129	141
Vietnam	23,531	244	3,566	19,721	-	-	-	-	-
Other and unspecified	4,443	2,628	844	595	210	61	42	27	35
Western Hemisphere	**20,967**	**1,257**	**5,181**	**6,816**	**2,347**	**588**	**1,851**	**816**	**2,112**
Argentina	469	86	342	34	−41	−25	31	26	16
Bahamas	2	(z)	(z)	29	−29	2	−1	(z)	-
Bermuda	(z)	-	-	18	−18	-	-	-	-
Bolivia	978	77	288	270	201	19	33	51	39
Brazil	3,430	511	1,400	1,518	104	−83	−137	35	82
Canada	679	−1	4	272	71	47	91	97	98
Chile	1,007	102	740	724	−346	−86	−51	−47	−28
Colombia	1,544	44	446	846	33	−4	−7	83	104
Costa Rica	675	16	83	103	31	11	46	202	183
Dominican Republic	940	1	184	360	120	23	73	38	141
Ecuador	412	34	131	144	51	−1	4	10	46
El Salvador	1,391	4	56	93	96	121	240	326	454
Guatemala	545	23	146	160	118	18	23	33	24
Guyana	114	(z)	7	71	23	7	5	2	−1
Haiti	456	27	75	42	142	40	46	42	43
Honduras	730	6	53	113	106	45	85	112	209
Jamaica	631	16	3	120	64	58	106	114	151
Mexico	1,952	226	178	305	410	160	1,084	−549	138
Nicaragua	425	8	67	150	174	15	6	3	1
Panama	482	10	103	210	72	4	13	15	54
Paraguay	177	4	67	86	16	(z)	2	3	1
Peru	1,206	55	304	274	305	−10	(z)	68	211
Trinidad and Tobago	228	-	35	21	111	51	11	−19	19
Uruguay	208	8	90	116	−3	−4	10	−5	−3
Venezuela	272	6	156	115	−13	40	−1	6	−37
Central American Bank for Economic Integration	167	-	6	121	43	−1	(z)	3	−4
Caribbean Development Bank	115	-	-	8	52	26	14	14	1
Other[4] and unspecified	1,733	−8	218	496	455	115	134	152	172
Other international organizations and unspecified areas	**14,733**	**1,022**	**1,335**	**4,018**	**3,952**	**1,125**	**1,133**	**816**	**1,332**

- Represents zero. Z Less than $500,000. [1] July 1, 1945, through Dec. 31, 1984; see footnote 1, table 1424. [2] Includes European Atomic Energy Community, European Coal and Steel Community, European Economic Cooperation. [3] United Nations Relief and Works Agency for Palestine refugees. [4] Includes Inter-American Institute of Agricultural Sciences, Organization of American States, and Pan American Health Organization.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

No. 1426. U.S. Foreign Economic and Military Aid Programs: 1946 to 1984

[**In millions of dollars.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Economic aid shown here represents total U.S. economic aid—not just aid under Foreign Assistance Act. Major components in recent years include AID, Food for Peace, Peace Corps, and paid-in subscriptions to international financial institutions, such as IBRD, and IDB. Cumulative totals for 1946–1984 are true totals net of deobligation; annual figures however, *are gross unadjusted program figures.* Military aid includes Military Assistance Program (MAP) grants, foreign military credit sales, service-funded programs, and excess defense articles]

PERIOD OR YEAR AND REGION	Total *economic* and military aid	ECONOMIC AID			MILITARY AID		
		Total	Loans	Grants	Total	Loans	Grants
1946–1984, total	**281,133**	**174,138**	**53,170**	**120,968**	**106,995**	**31,317**	**75,678**
1946–1952	41,661	31,116	8,518	22,598	10,545	–	10,545
1953–1961	43,358	24,053	5,850	18,203	19,305	161	19,144
1962–1969	50,254	33,392	15,421	17,972	16,862	1,620	15,242
1970–1979	65,714	26,902	9,995	16,907	38,812	14,179	24,633
1980–1984	62,107	40,460	8,147	32,313	21,647	15,413	6,234
1970	6,568	3,676	1,389	2,288	2,892	70	2,822
1971	7,838	3,442	1,299	2,143	4,396	743	3,653
1972	9,021	3,940	1,639	2,301	5,080	550	4,530
1973	9,472	4,117	1,391	2,726	5,356	550	4,805
1974	8,510	3,906	1,150	2,756	4,604	1,396	3,208
1975	6,916	4,908	1,679	3,229	2,009	750	1,259
1976	6,412	3,878	1,759	2,119	2,535	1,442	1,093
1976, TQ [1]	2,603	1,931	840	1,091	672	494	178
1977	7,784	5,594	2,083	3,511	2,190	1,411	779
1978	9,014	6,661	2,530	4,131	2,353	1,601	752
1979	13,845	7,120	1,900	5,220	6,725	5,173	1,552
1980	9,695	7,573	1,993	5,580	2,122	1,450	672
1981	10,550	7,305	1,460	5,845	3,245	2,546	699
1982	12,324	8,129	1,454	6,675	4,195	3,084	1,111
1983	14,202	8,603	1,619	6,984	5,599	3,932	1,667
1984	15,336	8,850	1,621	7,229	6,486	4,401	2,085
Near East and South Asia	7,858	3,093	646	2,447	4,765	3,305	1,460
East Asia	751	308	132	177	443	429	14
Europe	594	83	–	83	511	445	66
Latin America	1,576	1,217	605	612	359	67	293
Africa	1,501	1,165	222	944	335	156	180
Oceania and other	7	7	–	7	(Z)	–	(Z)
Non-regional	3,049	2,978	17	2,961	71	–	71

– Represents zero. Z Less than $500,000. [1] Transition quarter, July–Sept.

No. 1427. U.S. Foreign Military Aid, by Regions and Selected Countries: 1981 to 1984

[**In millions of dollars.** *For years ending* **Sept. 30,** *except as indicated. Military aid data include Military Assistance Program (MAP)* grants, foreign military credit sales, International Military Education and Training, and excess defense articles]

REGION AND COUNTRY	1981	1982	1983	1984	REGION AND COUNTRY	1981	1982	1983	1984
Total	**3,244**	**4,195**	**5,599**	**6,486**	**East Asia** [1]	**335**	**352**	**367**	**443**
					Indonesia	32	42	27	47
Near East and					Korea	163	167	187	232
South Asia [1]	**2,473**	**3,099**	**4,164**	**4,765**	Malaysia	10	11	5	11
Egypt	551	902	1,327	1,367	Philippines	76	51	51	52
Greece	178	281	281	–	Thailand	55	81	96	101
Israel	1,400	1,400	1,700	1,700	**Africa** [1]	**135**	**319**	**338**	**335**
Jordan	44	57	53	117	Botswana	1	1	5	9
Lebanon	20	11	102	16	Cameroon	5	2	3	5
Oman	25	30	30	40	Djibouti	–	(Z)	2	2
Pakistan	–	1	261	301	Gabon	3	3	2	3
Turkey	253	403	403	718	Kenya	7	33	22	24
Yemen	1	12	7	5	Liberia	6	13	13	13
Latin America [1]	**80**	**151**	**164**	**359**	Morocco	34	31	101	70
Colombia	(Z)	11	1	25	Niger	3	2	3	2
Costa Rica	(Z)	2	5	9	Somalia	20	25	31	33
Dominican Rep	3	6	7	6	Sudan	32	101	44	47
Ecuador	4	5	5	7	Tunisia	16	96	102	112
El Salvador	36	82	81	197	Zaire	7	11	10	8
Haiti	(Z)	1	1	1	**Europe** [1]	**179**	**195**	**514**	**511**
Honduras	9	31	48	77	Portugal	53	67	111	108
Jamaica	2	2	4	4	Spain	126	127	403	403
Panama	(Z)	5	6	14	**Non-regional**	**64**	**79**	**53**	**71**
Peru	4	5	5	11					

– Represents zero. Z Less than $500,000. [1] Totals include amounts not shown separately. Regional totals include aid to entire regions or sub-regions.

Source of tables 1426 and 1427: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations,* annual.

No. 1428. U.S. Foreign Aid—Commitments for Economic Assistance, by Regions and Selected Countries: 1981 to 1984

[In millions of dollars. For years ending Sept. 30. Falls under economic portion of the Foreign Assistance Act. Data cover commitments for economic and technical assistance by AID. See text, pp. 791–793]

Region and country	1981, total	1982, total	1983, total	1984, total
Economic assistance	**4,209**	**4,990**	**5,244**	**5,684**
Near East and South Asia [1]	**2,096**	**2,307**	**2,400**	**2,474**
Bangladesh	80	74	79	77
Cyprus	14	15	15	15
Egypt	829	771	750	853
Israel	764	806	785	910
Jordan	10	15	10	20
Lebanon	1	4	9	135
Nepal	14	16	14	14
Oman	–	15	15	15
Pakistan	–	100	200	225
Sri Lanka	46	49	51	45
Turkey	200	300	285	138
Yemen Arab Rep	19	23	28	27
Regional	11	16	17	19
East Asia [1]	**180**	**219**	**216**	**230**
Burma	3	8	14	12
Indonesia	69	68	72	75
Philippines	69	89	87	84
Thailand	26	31	23	36
East Asia Regional	14	23	21	23
Europe [1]	**37**	**99**	**45**	**62**
Italy	5	52	13	10
Malta	–	76	–	–
Portugal	25	20	20	40
Spain	7	22	12	12
Latin America [1]	**377**	**614**	**842**	**912**
Belize	–	–	17	4
Bolivia	2	2	11	52
Costa Rica	12	32	184	146
Dominican Rep	17	60	35	64
Ecuador	13	17	22	23
El Salvador	78	155	199	161
Grenada	–	–	–	48
Guatemala	9	8	22	6
Guyana	1	2	(z)	–
Haiti	9	12	27	26
Honduras	26	68	87	71
Jamaica	54	119	82	88
Nicaragua	58	6	–	–
Panama	9	12	6	11
Latin America [1]—Con.				
Paraguay	2	–	–	(z)
Peru	35	36	36	119
ROCAP [2]	11	13	19	16
Regional	15	22	37	23
Africa [1]	**505**	**643**	**636**	**728**
Botswana	11	11	10	11
Burkina	14	11	(z)	(z)
Burundi	3	5	6	4
Cameroon	8	15	19	23
Cape Verde	4	4	2	2
Chad	–	4	2	11
Congo	2	1	1	1
Djibouti	4	2	2	3
Equatorial Guinea	1	1	1	1
The Gambia	6	1	4	4
Ghana	5	1	–	(z)
Guinea	3	1	2	2
Guinea-Bissau	2	2	2	2
Kenya	20	39	61	53
Lesotho	11	10	12	10
Liberia	37	47	45	48
Malawi	6	8	7	8
Mali	15	10	10	12
Mauritania	9	6	5	5
Mauritius	(z)	2	2	4
Morocco	12	12	11	26
Niger	14	13	21	26
Rwanda	3	7	5	8
Senegal	15	16	19	35
Seychelles	1	2	2	2
Sierra Leone	3	3	1	1
Somalia	12	34	48	51
Sudan	75	125	115	146
Swaziland	10	9	6	6
Tanzania	22	11	–	1
Togo	5	3	3	4
Tunisia	25	5	5	2
Uganda	2	7	8	9
Zaire	11	10	15	26
Zambia	21	20	16	21
Zimbabwe	25	75	60	41
Regional	47	57	59	50
Non-regional	**1,009**	**1,108**	**1,106**	**1,279**

– Represents zero. Z Less than $500,000. [1] Includes countries not shown separately. [2] Regional programs covering Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual; and unpublished data.

No. 1429. U.S. Exports and Imports of Merchandise: 1960 to 1984

[*In billions of dollars, except percent. Includes silver ore and bullion; beginning 1974, includes shipments of nonmonetary gold.* Data may differ from those shown in tables 1434, 1436, and 1437, due to revisions and inclusion of the Virgin Islands since 1974. For basis of dollar values, see text, pp. 792 and 793. See also *Historical Statistics, Colonial Times to 1970*, series U190-195 and U207-212]

YEAR	Merchandise trade balance	EXPORTS [1]					GENERAL IMPORTS [4]				AVERAGE ANNUAL PERCENT CHANGE [5]	
		Total [2]	Domestic				Total [3]	Petroleum	Machinery	Transport equipment	Domestic exports	General imports
			Total [3]	Agricultural	Machinery	Transport equipment						
1960	4.6	19.6	19.4	(NA)	(NA)	(NA)	15.0	(NA)	(NA)	(NA)	19.8	.1
1965	5.3	26.7	26.3	(NA)	(NA)	(NA)	21.4	(NA)	(NA)	(NA)	*4.0*	*4.3*
1966	3.8	29.4	28.9	6.9	7.4	3.8	25.5	2.1	2.6	2.2	9.9	19.2
1967	4.1	30.9	30.6	6.4	8.0	4.5	26.8	2.1	3.0	2.8	5.9	5.1
1968	.8	34.1	33.6	6.2	8.6	5.9	33.2	2.3	3.7	4.3	9.8	8.4
1969	1.3	37.3	36.8	5.9	9.9	6.5	36.0	2.6	4.5	5.3	9.5	11.1
1970	2.7	42.7	42.0	7.2	11.4	6.5	40.0	2.8	5.3	5.9	14.1	10.8
1971	−2.0	43.5	42.9	7.7	11.6	7.9	45.6	3.3	6.0	7.9	2.1	14.0
1972	−6.4	49.2	48.4	9.4	13.2	8.3	55.8	4.3	*7.8*	*9.5*	*12.8*	*21.9*
1973	1.3	70.8	69.7	17.7	17.1	10.7	69.5	7.6	10.0	11.1	44.0	25.0
1974	−4.5	98.1	96.5	22.0	23.7	14.5	102.6	24.3	11.6	12.5	38.5	47.6
1975	9.1	107.7	106.1	21.9	28.5	17.2	98.5	24.8	12.0	12.2	9.9	−4.0
1976	−8.3	115.2	113.5	23.0	31.3	18.2	123.5	31.8	15.2	14.6	7.0	25.4
1977	−29.2	121.2	118.9	23.7	32.5	18.5	150.4	41.5	17.7	17.8	4.8	21.8
1978	−31.1	143.7	141.0	29.4	37.0	22.3	174.8	39.1	*24.4*	*23.2*	*18.6*	*16.2*
1979	−27.6	181.9	178.6	34.8	44.7	25.8	209.5	56.0	28.0	25.6	26.7	19.9
1980	−24.2	220.6	216.5	41.3	55.8	28.8	244.9	77.6	31.9	28.6	21.2	16.9
1981	−27.3	233.7	228.9	43.3	62.9	32.8	261.0	75.6	38.2	31.4	5.7	6.6
1982	−31.8	212.3	207.1	36.6	60.3	23.6	244.0	59.4	39.7	33.6	−9.5	−6.5
1983	−57.5	200.5	196.0	36.1	54.3	28.3	258.0	52.3	47.0	39.2	−5.4	5.7
1984	−107.9	217.9	212.1	37.8	60.3	29.7	325.7	55.9	68.4	50.8	8.2	26.2

NA Not available. [1] Includes "Special Category" items and beginning 1974, includes trade of Virgin Islands with foreign countries. *F.a.s. value basis.* [2] Domestic and foreign exports excluding M.A.P. Grant-Aid shipments, including re-exports. [3] Includes commodity groups not shown separately. [4] 1960–1973, 1982–1984, *customs value basis*; 1974–1981, f.a.s. value basis. Beginning 1974, includes trade of Virgin Islands with foreign countries. [5] From previous year. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

No. 1430. U.S. Exports and Imports—Indexes of Total Value, Unit Value (Average Price), and Quantity: 1970 to 1984

[**1977 average=100.** See headnote, table 1432. See also *Historical Statistics, Colonial Times to 1970*, series U 225-248]

ECONOMIC CLASS	INDEX OF EXPORTS OF U.S. MERCHANDISE							INDEX OF GENERAL IMPORTS						
	1970–1975, avg.	1975	1980	1981	1982	1983	1984	1970–1975, avg.	1975	1980	1981	1982	1983	1984
Total value	**57.3**	**89.7**	**183.6**	**194.1**	**175.6**	**166.2**	**179.8**	**46.6**	**66.5**	**165.5**	**179.1**	**167.4**	**177.1**	**223.5**
Foods:														
Crude	70.8	125.0	205.2	223.3	174.7	175.0	186.9	44.7	51.5	108.5	102.0	102.4	107.2	122.9
Manufactured	56.7	78.8	177.7	191.3	159.5	159.7	148.1	73.6	88.4	153.9	160.7	145.9	156.6	182.4
Materials, crude	78.8	116.5	170.0	166.2	160.7	139.4	144.6	25.0	57.8	180.5	179.7	136.8	114.3	114.9
Manufactures:														
Semi	64.9	90.8	266.5	245.0	218.2	208.7	234.9	52.5	69.1	150.8	161.2	144.0	165.9	204.9
Finished	55.1	87.9	168.2	186.3	171.6	162.5	177.4	54.4	70.2	169.1	195.6	204.2	229.6	312.5
Unit value	**67.4**	**92.8**	**138.1**	**150.8**	**152.5**	**154.1**	**156.2**	**59.8**	*89.4*	*161.4*	*170.3*	*167.5*	*160.6*	*163.5*
Foods:														
Crude	84.1	128.2	140.0	146.6	127.9	134.9	136.0	39.2	46.1	103.8	97.1	92.2	88.9	95.3
Manufactured	76.7	99.8	121.4	127.3	118.0	117.7	120.9	87.5	122.1	169.5	164.5	149.6	151.8	149.4
Materials, crude	58.3	88.4	122.1	125.0	116.7	117.0	121.7	46.1	86.0	224.2	249.0	232.4	210.4	205.2
Manufactures:														
Semi	69.7	100.9	167.6	166.2	154.7	150.5	154.7	57.4	91.9	171.3	172.6	157.9	152.8	150.1
Finished	67.0	87.4	134.8	154.2	165.7	168.4	169.4	66.6	*92.8*	*134.9*	*142.2*	*147.6*	*143.5*	149.3
Quantity	**82.3**	**96.6**	**132.9**	**128.8**	**115.1**	**107.8**	**115.1**	**77.4**	**74.4**	**102.5**	**105.2**	**99.9**	**110.3**	**136.7**
Foods:														
Crude	78.4	97.5	146.6	152.3	136.6	129.7	137.5	114.5	112.0	104.5	105.0	111.1	120.6	128.9
Manufactured	73.1	79.0	146.3	150.3	135.2	135.8	122.5	84.7	72.4	90.8	97.7	97.5	103.1	122.0
Materials, crude	88.8	88.1	139.3	132.9	137.7	119.1	118.9	53.3	67.3	80.5	72.2	58.9	54.3	56.0
Manufactures:														
Semi	92.0	90.0	159.1	147.4	141.0	138.6	151.8	92.4	75.2	88.1	93.4	91.2	108.6	136.6
Finished	79.9	100.6	124.7	120.8	103.6	96.5	104.7	81.0	75.7	125.4	137.6	138.3	160.0	209.4

Source: U.S. Bureau of the Census, unpublished data.

NO. 1431. U.S. EXPORTS AND IMPORTS FOR CONSUMPTION OF MERCHANDISE, BY CUSTOMS REGION AND DISTRICT: 1970 TO 1984

[In billions of dollars. Exports are f.a.s. (free alongside ship) value all years; imports are on customs value basis for years 1982 to present; f.a.s. value basis prior to 1982. *See Historical Statistics, Colonial Times to 1970,* series U 264-273, for related data]

CUSTOMS REGION AND DISTRICT	EXPORTS							IMPORTS FOR CONSUMPTION						
	1970	1975	1980	1981	1982	1983	1984	1970	1975	1980	1981	1982	1983	1984
Total [1]	**43.2**	**107.6**	**220.8**	**233.7**	**212.3**	**200.5**	**217.9**	**40.0**	**96.5**	**244.0**	**259.0**	**242.3**	**258.0**	**323.0**
Boston, MA region	**3.3**	**7.8**	**14.3**	**15.4**	**13.7**	**14.9**	**17.7**	**5.7**	**9.9**	**21.6**	**24.4**	**24.3**	**27.5**	**36.2**
Portland, ME	.1	.3	4.3	4.2	.5	.7	.7	.3	.8	1.6	2.2	1.8	1.8	2.3
St. Albans, VT	.2	.4	.7	.7	.7	.7	1.1	.4	.6	1.6	1.8	1.8	2.0	2.5
Boston, MA	.4	.8	.8	.9	2.7	2.6	2.8	1.0	2.2	5.0	5.8	5.4	6.4	8.1
Providence, RI	(Z)	(Z)	2.5	2.4	.2	.1	(Z)	.1	.2	.6	.8	1.0	1.0	.9
Bridgeport, CT	(Z)	(Z)	.2	.1	.1	.1	.1	.2	.4	.9	1.2	1.1	1.2	1.7
Ogdensburg, NY	.9	2.3	3.8	4.0	3.1	3.7	4.5	1.1	1.8	4.6	4.7	4.7	5.6	7.1
Buffalo, NY	1.7	3.9	6.3	11.2	6.3	7.0	8.5	2.7	3.7	7.4	7.9	8.4	9.2	13.7
New York, NY region	**10.0**	**18.7**	**38.9**	**35.8**	**31.2**	**29.0**	**31.3**	**10.1**	**18.1**	**43.4**	**44.1**	**41.2**	**46.5**	**59.2**
Baltimore, MD region	**3.9**	**12.5**	**21.5**	**22.2**	**21.5**	**16.8**	**13.7**	**3.9**	**11.9**	**26.8**	**26.9**	**24.3**	**23.3**	**29.7**
Philadelphia, PA	.7	2.2	3.2	3.5	3.1	2.3	2.1	1.9	6.5	15.6	16.5	14.3	13.4	15.8
Baltimore, MD	1.3	4.8	9.0	9.0	8.6	7.1	5.8	1.4	3.2	6.0	5.8	5.4	5.5	8.5
Norfolk, VA	1.8	5.0	8.9	9.3	9.3	[2] 7.1	[3] 5.4	.6	1.8	4.7	4.3	4.3	4.1	5.0
Washington, DC	.1	.5	.3	.5	.5	.4	.4	.1	.2	.4	.4	.4	.3	.4
Miami, FL region	**2.0**	**6.2**	**17.6**	**19.8**	**18.5**	**15.7**	**18.5**	**2.4**	**6.4**	**19.0**	**20.3**	**19.7**	**21.3**	**26.3**
Wilmington, NC	.2	.5	1.3	1.6	1.6	1.3	1.3	.2	.7	1.1	1.3	1.3	1.3	1.7
Charleston, SC	.2	.8	3.1	3.7	2.8	2.5	[3] 2.9	.3	.8	1.8	2.2	1.8	2.3	3.0
Savannah, GA	.4	.9	2.4	2.7	2.7	2.9	3.7	.3	.8	2.2	2.9	2.9	3.5	4.7
Tampa, FL	.2	1.3	2.8	2.7	2.2	2.1	2.8	.6	1.4	3.7	4.4	4.1	4.6	5.7
San Juan, PR	.1	.4	.9	1.0	1.3	1.3	1.4	.6	1.9	3.7	3.5	2.9	3.5	4.3
Virgin Islands	(NA)	(NA)	.1	.1	.5	.2	.2	(NA)	(NA)	4.1	3.6	4.0	2.6	2.5
Miami, FL	.7	2.3	6.9	7.9	7.4	5.5	6.2	.4	1.0	2.6	2.8	3.1	3.3	4.3
New Orleans, LA region	**3.9**	**11.3**	**22.0**	**23.3**	**21.3**	**19.6**	**18.1**	**1.6**	**6.8**	**25.5**	**26.1**	**20.4**	**16.3**	**17.7**
Mobile, AL	.5	1.4	2.6	2.4	2.1	1.4	[3] 1.2	.3	1.0	3.0	3.9	2.3	3.2	3.4
New Orleans, LA	3.5	9.9	19.5	20.9	19.2	18.2	16.8	1.4	5.9	22.5	22.2	18.1	13.0	14.3
Houston, TX region	**4.0**	**12.9**	**28.3**	**31.5**	**27.3**	**22.5**	**25.1**	**1.8**	**8.4**	**34.7**	**36.2**	**30.0**	**28.1**	**31.9**
Port Arthur, TX	.5	1.1	2.0	2.0	2.0	1.5	1.7	.1	1.6	9.4	7.6	4.2	5.0	5.2
Laredo, TX	1.1	3.1	8.3	9.9	6.1	4.4	6.4	.4	1.1	2.7	3.0	3.2	4.0	4.6
El Paso, TX	.1	.6	1.8	1.8	1.3	1.4	1.8	.2	.5	1.4	1.7	1.8	1.9	2.2
Houston/Galveston, TX	2.4	8.1	15.7	17.2	17.5	14.6	14.7	1.1	5.7	20.1	22.7	19.8	15.7	17.8
Dallas/Fort Worth, TX	(NA)	(NA)	.5	.5	.5	.6	.8	(NA)	(NA)	1.2	1.4	1.3	1.5	2.2
Los Angeles, CA region	**2.5**	**6.4**	**17.0**	**19.6**	**18.4**	**18.7**	**20.7**	**3.3**	**8.6**	**22.2**	**24.4**	**24.6**	**28.3**	**34.6**
San Diego, CA	.3	.7	1.4	1.9	1.4	.9	1.4	.2	.6	1.0	1.1	1.1	1.2	1.6
Nogales, AZ	.1	.3	.8	.9	.7	.6	.9	.2	.4	1.2	1.4	1.7	1.7	1.9
Los Angeles, CA	2.1	5.4	14.8	16.9	16.3	17.1	18.4	2.9	7.6	20.0	21.9	22.0	25.4	31.1
San Francisco, CA region	**4.9**	**11.5**	**29.3**	**30.6**	**26.6**	**27.6**	**29.3**	**3.6**	**10.6**	**25.0**	**26.6**	**26.5**	**30.2**	**38.1**
San Francisco, CA	1.8	4.2	10.6	11.3	11.4	11.3	12.4	1.3	3.5	8.3	8.7	9.5	11.2	16.2
Portland, OR	.8	2.0	3.8	3.9	3.3	3.7	4.1	.4	.8	2.6	2.8	2.6	2.8	3.6
Seattle, WA	1.9	4.2	12.0	12.3	8.9	10.0	10.1	1.3	4.0	9.2	10.0	9.3	9.9	12.7
Anchorage, AK	.1	.3	1.0	1.2	1.3	1.1	1.1	.1	.4	.2	.2	.3	.4	.3
Honolulu, HI	.1	.1	.2	.2	.2	.2	.3	.2	.8	1.8	1.5	1.7	1.8	1.4
Great Falls, MT	.2	.7	1.8	1.7	1.4	1.2	1.4	.3	1.3	3.2	3.6	3.4	3.8	3.9
Chicago, IL region	**6.2**	**15.3**	**25.2**	**28.2**	**24.8**	**27.6**	**34.0**	**7.3**	**15.1**	**25.6**	**29.7**	**31.0**	**35.7**	**48.7**
Pembina, ND	.4	1.5	2.3	2.7	2.1	2.0	2.3	.5	1.3	3.0	3.3	3.1	2.5	3.4
Minneapolis, MN	(Z)	(Z)	.1	.1	.1	.2	.2	.1	.1	.3	.4	.5	.5	.8
Duluth, MN	.3	1.0	1.5	1.4	1.0	1.0	1.6	.5	1.5	3.0	2.8	2.6	2.9	3.3
Milwaukee, WI	.1	.2	.4	.3	.2	.2	.2	.1	.2	.4	.4	.5	.8	.9
Detroit, MI	4.1	9.8	14.6	17.1	15.1	17.9	22.6	4.2	8.2	12.7	15.2	16.3	19.9	25.9
Chicago, IL	.8	1.5	4.2	4.6	4.3	4.7	5.1	1.2	2.2	4.1	4.5	5.2	5.8	10.1
Cleveland, OH	.5	1.3	1.8	1.8	1.8	1.7	1.9	.6	.9	1.5	2.0	1.7	2.1	2.8
St. Louis, MO	(Z)	.1	.2	.2	.1	.1	.1	.1	.3	.9	1.1	1.1	.8	1.4

NA Not available. Z Less than $50 million. [1] Includes data on low-value shipments not distributed by customs region. [2] Reflects data for certain coal shipments from Mobile, AL. [3] Exports shown for the Norfolk, VA; Mobile, AL; and Charleston, SC customs districts exclude data for bituminous coal shipments ($2.3 billion).

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade,* FT 990, monthly.

NO. 1432. EXPORT AND IMPORT UNIT VALUE INDEXES—SELECTED COUNTRIES: 1978 TO 1984

[Indexes in U.S. dollars, 1980=100. A unit value is an implicit price derived from value and quantity data]

COUNTRY	EXPORT UNIT VALUE							IMPORT UNIT VALUE						
	1978	1979	1980	1981	1982	1983	1984	1978	1979	1980	1981	1982	1983	1984
United States	**77**	**88**	**100**	**109**	**110**	**112**	**113**	**67**	**80**	**100**	**106**	**104**	**100**	**101**
Australia	73	86	100	102	95	90	88	66	78	100	103	97	94	93
Austria	82	92	100	86	84	80	74	76	88	100	90	84	79	74
Belgium	74	90	100	86	80	76	(NA)	73	86	100	90	84	80	(NA)
Canada	72	85	100	104	102	100	97	77	86	100	108	107	103	103
Denmark	84	95	100	90	86	81	78	74	89	100	93	87	82	79
France	77	90	100	88	83	79	77	72	84	100	92	85	79	76
Germany, Fed. Rep	82	91	100	86	83	80	74	72	85	100	92	86	81	77
Italy	71	85	100	92	90	85	(NA)	66	80	100	103	94	86	(NA)
Norway	62	75	100	100	95	87	85	76	87	100	92	86	79	72
Sweden	73	87	100	91	83	76	75	72	87	100	92	83	76	73
Switzerland	82	91	100	88	88	86	78	73	83	100	83	79	77	72
United Kingdom	67	80	100	94	88	83	78	66	83	100	93	88	83	80

NA Not available.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics,* monthly.

NO. 1433. DOMESTIC EXPORTS AND GENERAL IMPORTS OF SELECTED COMMODITIES—VALUE, BY AREA: 1984

[In millions of dollars. Includes nonmonetary gold. Exports are f.a.s. (free alongside ship) transaction value basis; imports are customs value basis]

SELECTED COMMODITIES	Total [1]	WESTERN HEMISPHERE		WESTERN EUROPE			ASIA			OPEC [2]
		Canada	Mexico	United Kingdom	Germany, Fed. Rep. of	France	Japan	Taiwan	Korea, Rep. of	
Domestic exports, total	**212,057**	**44,747**	**11,474**	**11,740**	**8,727**	**5,820**	**23,094**	**4,839**	**5,929**	**14,118**
Agricultural commodities	37,814	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Nonagricultural commodities	174,243	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Food and live animals	24,463	1,547	1,001	435	467	245	4,705	707	706	2,316
Meat and meat preparations	1,208	130	53	19	6	68	571	7	9	40
Grain and cereal preparation	16,076	155	721	94	20	32	2,873	599	644	1,743
Wheat and wheat flour	6,698	(Z)	3	5	2	12	535	109	294	941
Corn	7,081	46	415	79	6	10	1,999	425	328	308
Beverages and tobacco	2,849	52	2	99	220	17	399	72	2	235
Crude materials, excluding fuels	20,249	1,767	1,307	578	944	470	4,452	1,008	1,485	577
Soybeans	5,438	74	484	78	197	147	1,173	391	188	119
Logs and lumber	2,042	254	33	35	78	11	841	48	95	11
Metal ores and scrap	2,666	503	152	133	102	33	629	109	192	43
Mineral fuels and related materials	9,311	1,924	369	402	90	292	1,812	268	271	223
Bituminous coal	4,090	1,038	7	152	49	179	865	107	103	40
Chemicals and related products	22,336	2,752	1,250	906	1,056	566	2,961	723	643	1,259
Manufactured goods	15,140	4,250	1,111	763	492	259	1,403	226	347	1,202
Textile yarn, fabric, articles	2,382	551	136	117	73	47	113	40	26	272
Iron and steel mill products	1,348	453	179	44	30	14	63	21	28	115
Machinery	60,316	11,766	3,984	4,626	3,276	2,722	3,897	1,103	1,568	4,414
Power generating	9,114	2,559	593	430	262	867	617	128	167	654
Agricultural [3]	1,740	794	80	42	32	59	23	3	4	132
General industrial	7,939	2,072	506	436	343	218	317	124	197	1,305
Office machinery and computers	14,592	2,252	390	2,045	1,348	885	1,115	244	165	317
Telecommunications	3,943	520	486	286	206	78	206	120	178	374
Electrical [4]	13,855	2,156	1,470	932	730	384	930	385	649	570
Transport equipment	29,655	13,808	1,187	1,224	796	350	1,327	294	407	1,780
Automobile, motor vehicles [5]	17,548	12,923	974	210	255	132	191	27	39	949
Aircraft and parts	10,914	752	116	996	520	204	1,073	235	353	643
Professional, scientific, and controlling instruments	6,196	894	234	656	455	291	645	123	181	332
General imports, total	**325,726**	**66,478**	**18,020**	**14,492**	**16,996**	**8,113**	**57,135**	**14,768**	**9,353**	**26,595**
Agricultural commodities	19,763	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Nonagricultural commodities	305,963	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Food and live animals	17,973	2,295	1,555	146	260	168	401	319	120	1,036
Meat and meat preparations	2,034	415	1	1	3	6	1	4	(Z)	(Z)
Fish, including shellfish	3,671	786	400	23	3	14	245	133	89	255
Vegetables and fruit	3,891	155	665	8	64	21	46	136	21	192
Coffee	3,277	1	323	(Z)	65	12	(Z)	(Z)	-	343
Beverages and tobacco	3,653	525	105	543	226	658	33	1	25	14
Crude materials, excluding fuels	11,082	5,841	260	89	131	102	85	39	9	608
Paper base stocks	1,883	1,714	(Z)	(Z)	1	(Z)	(Z)	-	-	(Z)
Wood	2,853	2,712	3	1	1	1	1	4	(Z)	16
Metal ores and scrap	2,890	769	75	27	35	20	7	5	1	69
Mineral fuels and related materials	60,980	9,218	7,899	4,400	70	108	52	51	5	23,629
Crude petroleum	36,529	3,457	6,700	4,023	(Z)	(Z)	-	18	-	15,462
Petroleum products	19,377	1,503	919	347	70	101	22	33	5	7,807
Natural gas	4,923	4,186	279	30	(Z)	(Z)	(Z)	-	(Z)	360
Chemicals and related products	13,697	3,131	607	1,294	1,576	1,172	1,312	200	79	54
Manufactured goods	46,145	10,837	1,442	1,386	2,615	1,453	7,233	2,197	1,932	664
Paper, paperboard	5,076	3,987	41	74	140	38	52	1	21	1
Iron and steel	10,208	1,339	274	239	1,034	551	3,162	74	742	161
Nonferrous metals	8,170	2,563	412	331	412	204	506	25	28	223
Machinery	68,390	7,731	4,117	2,787	4,707	1,753	24,537	4,415	2,682	103
Power generating	7,291	2,320	743	775	495	745	1,262	32	14	(Z)
General industrial	6,920	1,072	128	465	935	210	1,882	461	56	2
Telecommunications	15,934	717	1,193	99	106	59	8,868	1,713	1,099	(Z)
Electrical [4]	18,291	1,268	1,691	398	895	322	4,904	1,185	1,226	97
Office machinery and data processing equipment	10,791	892	276	317	358	129	5,212	750	255	1
Transport equipment	50,802	20,261	550	1,460	5,636	1,372	17,928	414	45	11
Automobiles, buses, trucks	36,593	14,128	80	494	4,849	313	15,226	8	9	(Z)
New passenger cars	29,208	10,095	34	492	4,830	313	12,877	7	5	(Z)
Motor vehicle parts	8,819	4,985	446	302	499	499	1,539	137	25	8
Clothing	13,497	160	257	157	66	167	494	2,269	2,253	184
Footwear	5,034	36	73	20	19	100	26	1,482	936	1

- Represents zero. NA Not available. Z Less than $500,000. [1] Includes countries and regions not shown separately. [2] Organization of Petroleum Exporting Countries. See table 972 for list of countries. [3] Agricultural machinery and parts and tractors, excluding tractor parts. [4] Electrical machinery, apparatus, appliances, and parts. [5] Includes motor vehicle and tractor parts, except tires, engines, and electrical parts.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, December issue.

No. 1434. Exports, Imports, and Merchandise Trade Balance, by Continents, Areas, and Countries: 1975 to 1984

[In millions of dollars, except percent. Includes silver ore and bullion. Beginning 1980, data include nonmonetary gold and beginning 1982, data include trade of Virgin Islands with foreign countries, see footnote 2 for exception. Minus sign (−) denotes an excess of imports over exports. See *Historical Statistics, Colonial Times to 1970*, series U 317-352, for selected countries]

CONTINENT, AREA, AND COUNTRY	EXPORTS, DOMESTIC AND FOREIGN					GENERAL IMPORTS					MERCHANDISE TRADE BALANCE				
	1975	1980	1982	1983	1984	1975	1980	1982	1983	1984	1975	1980	1982	1983	1984
Total [1]	**107,592**	**[2] 220,783**	**212,275**	**200,538**	**217,888**	**96,902**	**244,871**	**243,952**	**258,048**	**325,726**	**+10,690**	**−24,088**	**−31,677**	**−57,510**	**−107,838**
Developed countries [3]	64,780	130,848	122,541	122,822	135,884	56,700	125,306	141,594	152,177	200,714	+8,080	+5,542	−19,053	−29,355	−64,830
Percent of total	60.2	59.3	57.7	61.2	62.4	58.5	51.2	58.0	59.0	61.6	(x)	(x)	(x)	(x)	(x)
Developing countries [3]	39,215	81,125	82,674	72,342	74,421	39,311	117,025	99,002	102,266	119,790	−96	−35,900	−16,328	−29,924	−45,369
Communist areas, total	3,092	7,616	6,554	5,085	7,214	891	2,496	3,354	3,604	5,221	+2,201	+5,120	+3,200	+1,481	+1,993
Unidentified countries	505	1,116	505	289	369	–	44	2	1	1	–	+1,072	+503	+288	+368
Africa	4,949	9,060	10,271	8,768	8,827	8,299	34,410	17,770	14,425	14,355	−3,350	−25,350	−7,499	−5,657	−5,528
Asia	28,223	60,168	64,822	63,813	64,533	27,252	80,299	85,170	91,464	120,132	+971	−20,131	−20,348	−27,651	−55,599
Oceania	2,340	4,876	5,700	4,827	5,745	1,508	3,392	3,131	3,044	3,558	+832	+1,484	+2,569	+1,783	+2,187
Europe	32,732	71,372	63,664	58,871	60,426	21,623	48,039	53,413	55,243	73,307	+11,109	+23,333	+10,251	+3,628	−12,881
North America	30,040	56,737	52,057	53,450	62,699	30,976	64,287	70,022	77,880	93,330	−936	−7,550	−18,037	−24,430	−30,631
South America	8,803	17,377	15,257	10,520	10,830	7,232	14,400	14,444	15,992	21,043	+1,571	+2,977	+884	−5,472	−10,213
Western Hemisphere	**38,843**	**74,114**	**67,312**	**63,970**	**76,209**	**38,209**	**78,687**	**84,467**	**93,873**	**114,373**	**+634**	**−4,573**	**−17,155**	**−29,903**	**−38,164**
Canada	21,744	35,395	33,720	38,244	46,524	22,151	41,459	46,477	52,130	66,478	−407	−6,064	−12,757	−13,886	−19,954
20 Latin American countries	15,655	36,030	30,086	22,618	26,302	11,847	29,952	32,513	35,683	42,341	+3,808	+6,078	−2,427	−13,065	−16,039
Other Western Hemisphere	1,444	2,688	3,506	3,108	3,383	4,210	7,277	5,477	6,060	5,554	−2,766	−4,589	−1,971	−2,952	−2,171
Central American Common Market	968	1,951	1,405	1,494	1,659	810	1,849	1,467	1,585	1,757	+158	+102	−62	−91	−98
Costa Rica	212	498	330	382	423	179	356	358	387	473	+33	+142	−28	−5	−50
El Salvador	194	272	292	365	427	182	427	319	348	390	+12	−155	−27	+17	+37
Guatemala	255	552	390	316	377	173	435	336	371	444	+82	+117	+54	−55	−67
Honduras	151	379	275	299	322	145	419	365	381	393	+6	−40	−90	−82	−71
Nicaragua	156	250	119	132	112	131	211	90	97	57	+25	+39	+29	+35	+55
Latin American Free Trade Association	13,773	32,274	26,879	19,378	22,820	10,100	26,735	29,850	32,611	38,861	+3,673	+5,539	−2,971	−13,233	−16,041
Argentina	628	2,625	1,294	965	900	215	741	1,128	853	954	+413	+1,884	+166	+112	−54
Bolivia	138	172	99	102	106	89	182	109	166	155	+49	−10	−10	−64	−49
Brazil	3,056	4,343	3,423	2,557	2,640	1,467	3,715	4,285	4,946	7,621	+1,589	+628	−862	−2,389	−4,981
Chile	533	1,353	925	729	805	138	515	666	969	781	+395	+838	+259	−240	+24
Colombia	643	1,736	1,903	1,514	1,450	596	1,241	801	970	1,146	+47	+495	+1,102	+544	+304
Ecuador	410	864	828	597	655	463	876	1,131	1,429	1,695	−53	−12	−303	−832	−1,040
Mexico	5,141	15,145	11,817	9,082	11,992	3,066	12,580	15,566	16,776	18,020	+2,075	+2,565	−3,749	−7,694	−6,028
Paraguay	33	109	78	37	64	19	81	39	32	41	+14	+28	+39	+5	+23
Peru	896	1,171	1,117	900	751	397	1,386	1,099	1,151	1,342	+499	−215	+18	−251	−591
Uruguay	51	183	190	86	80	24	97	258	381	563	+27	+86	−68	−295	−483
Venezuela	2,243	4,573	5,206	2,811	3,377	3,625	5,321	4,768	4,938	6,543	−1,382	−748	+438	−2,127	−3,166
Other Latin America	914	1,805	1,803	1,747	1,823	937	1,368	1,195	1,487	1,723	−23	+437	+608	+267	+100
Cuba	(z)	(z)	1	8	1	(z)	(z)	2	(z)	(z)	(z)	(z)	−1	+8	+1
Dominican Republic	453	795	664	632	646	634	787	629	814	1,018	−181	+8	+35	−182	−372
Haiti	144	311	299	366	419	107	252	310	336	377	+37	+59	−11	+30	+42
Panama	317	699	839	748	757	196	330	255	337	328	+121	+369	+584	+411	+429

Other Western Hemisphere	**1,444**	**2,688**	**3,506**	**3,108**	**3,383**	**4,210**	**7,277**	**5,477**	**6,060**	**5,554**	**−2,766**	**−4,589**	**−1,971**	**−2,952**	**−2,171**
Bahamas	208	396	590	452	555	880	1,469	1,050	1,687	1,173	−672	−1,073	−460	−1,235	−618
Barbados	36	136	155	195	242	34	96	107	202	254	+2	+40	+48	−7	−12
Belize	26	58	64	36	53	34	60	36	27	46	−6	−2	+28	+9	+7
Bermuda	63	136	172	185	225	3	13	12	11	8	+60	+123	+160	+174	+217
French West Indies	26	67	51	38	38	1	7	9	22	15	+25	+60	+42	+16	+23
Greenland	8	3	3	1	2	7	14	16	15	12	+1	−11	−13	−14	−10
Guyana	89	96	56	36	51	87	120	71	69	78	+2	−24	−15	−33	−27
Jamaica	381	305	468	452	495	307	383	294	273	377	+74	−78	+174	+179	+118
Leeward and Windward Islands	41	152	177	166	209	15	36	27	39	45	+26	+116	+150	+127	+164
Netherlands Antilles	228	448	660	553	648	1,559	2,564	2,117	2,291	2,048	−1,331	−2,116	−1,457	−1,738	−1400
Suriname	79	136	128	117	100	108	109	60	63	105	−29	+27	+68	+54	−5
Trinidad and Tobago	256	680	894	728	601	1,171	2,383	1,627	1,318	1,360	−915	−1,703	−733	−590	−759
Other	3	74	88	149	164	4	23	51	43	33	−1	+51	+37	+106	+131
Western Europe	**29,945**	**67,512**	**60,054**	**55,980**	**58,019**	**20,892**	**46,602**	**52,346**	**53,884**	**71,153**	**+9,053**	**+20,910**	**+7,708**	**+2,096**	**−13,134**
OECD [4]	29,575	66,654	59,378	55,261	57,486	20,627	46,137	51,966	53,468	70,626	+8,948	+20,517	+7,412	+1,793	−13,140
European Economic Community [5]	23,315	54,601	47,932	44,311	46,976	16,843	36,384	42,509	43,892	57,360	+6,472	+18,217	+5,423	+419	−10,384
Belgium and Luxembourg	2,417	6,661	5,229	5,049	5,301	1,199	1,914	2,396	2,412	3,139	+1,218	+4,747	+2,833	+2,637	+2,162
Denmark	445	863	732	649	605	464	727	904	1,067	1,418	−19	+136	−172	−418	−813
France	3,031	7,485	7,110	5,961	6,037	2,164	5,265	5,545	6,025	8,113	+867	+2,220	+1,565	−64	−2,076
Germany, Fed. Rep. of	5,194	10,960	9,291	8,737	9,084	5,410	11,693	11,975	12,695	16,996	−216	−733	−2,684	−3,958	−7,912
Greece [5]	450	922	721	503	456	110	292	242	238	355	+340	+630	+479	+265	+101
Ireland	190	836	983	1,115	1,354	178	413	556	560	844	+12	+423	+427	+555	+510
Italy	2,867	5,511	4,616	3,908	4,375	2,457	4,325	5,301	5,455	7,935	+410	+1,186	−685	−1,547	−3,560
Netherlands	4,193	8,669	8,604	7,767	7,554	1,089	1,913	2,494	2,970	4,069	+3,104	+6,756	+6,110	+4,797	+3,485
United Kingdom	4,527	12,694	10,645	10,621	12,210	3,773	9,842	13,095	12,470	14,492	+754	+2,852	−2,450	−1,849	−2,282
Other OECD [4]	6,260	12,053	11,445	10,950	10,511	3,784	9,753	9,457	9,576	13,267	+2,476	+2,300	+1,988	+1,374	−2,756
Austria [6]	181	447	371	371	375	243	389	491	447	714	−62	+58	−120	−76	−339
Finland [6]	261	505	489	413	350	149	439	414	496	782	+112	+66	+75	−83	−432
Iceland	32	79	77	53	51	85	200	184	219	207	−53	−121	−107	−166	−156
Norway	510	843	950	813	859	403	2,632	1,973	1,358	1,904	+107	−1,789	−1,023	−545	−1,045
Portugal	427	911	838	1,212	961	157	278	283	280	477	+270	+633	+555	+932	+484
Spain	2,164	3,179	3,456	2,763	2,561	836	1,220	1,505	1,533	2,391	+1,328	+1,959	+1,951	+1,230	+170
Sweden [6]	925	1,767	1,689	1,581	1,542	887	1,617	1,993	2,429	3,244	+38	+150	−304	−848	−1,702
Switzerland [6]	1,153	3,781	2,707	2,960	2,563	879	2,803	2,340	2,494	3,117	+274	+978	+367	+466	−554
Turkey	608	540	868	783	1,249	145	175	274	320	433	+463	+365	+594	+463	+816
Other Western Europe	**369**	**858**	**677**	**720**	**533**	**265**	**464**	**380**	**416**	**527**	**+104**	**+394**	**+297**	**+304**	**+6**
Yugoslavia	328	756	494	572	432	261	446	360	386	478	+67	+310	+134	+186	−46
Other and Special Category	41	102	183	148	101	4	18	20	30	49	+37	+84	+163	+118	+52

See footnotes at end of table.

NO. 1434. EXPORTS, IMPORTS, AND MERCHANDISE TRADE BALANCE, BY CONTINENTS, AREAS, AND COUNTRIES: 1975 TO 1984—Continued

[In millions of dollars, except percent. See headnote, p. 810]

CONTINENT, AREA, AND COUNTRY	EXPORTS, DOMESTIC AND FOREIGN					GENERAL IMPORTS [1]					MERCHANDISE TRADE BALANCE				
	1975	1980	1982	1983	1984	1975	1980	1982	1983	1984	1975	1980	1982	1983	1984
Communist areas in Europe	**2,787**	**3,860**	**3,610**	**2,891**	**4,188**	**731**	**1,437**	**1,067**	**1,359**	**2,154**	**+2,056**	**+2,423**	**+2,543**	**+1,532**	**+2,034**
Bulgaria	30	161	107	66	44	20	25	28	28	29	+10	+136	+79	+38	+15
Czechoslovakia	53	185	84	59	58	31	69	62	62	86	+22	+116	+22	−3	−28
German Dem. Rep	17	479	223	139	137	11	44	54	58	149	+6	+435	+169	+81	−12
Hungary	76	80	68	111	88	35	107	133	156	221	+41	−27	−65	−45	−133
Poland	583	714	295	324	318	243	416	212	189	220	+340	+298	+83	+135	+98
Romania	191	722	224	186	249	133	312	348	513	893	+58	+410	−124	−327	−644
Soviet Union	1,835	1,513	2,587	2,003	3,284	255	454	228	347	554	+1,580	+1,059	+2,359	+1,656	+2,730
Other	2	7	22	3	10	3	10	2	6	2	−1	−3	+20	−3	+8
Asia	**28,223**	**60,168**	**64,822**	**63,813**	**64,533**	**27,252**	**80,299**	**85,170**	**91,464**	**120,132**	**+971**	**−20,131**	**−20,348**	**−27,651**	**−55,599**
Japan	**9,563**	**20,790**	**20,966**	**21,894**	**23,575**	**11,425**	**30,714**	**37,744**	**41,183**	**57,135**	**−1,862**	**−9,924**	**−16,778**	**−19,289**	**−33,560**
Communist areas	**305**	**3,756**	**2,945**	**2,194**	**3,027**	**160**	**1,059**	**2,287**	**2,245**	**3,067**	**+145**	**+2,697**	**+658**	**−51**	**−40**
Near East Asia	**8,263**	**11,900**	**15,950**	**13,796**	**11,133**	**5,401**	**18,672**	**11,812**	**7,135**	**8,062**	**+2,862**	**−6,772**	**+4,138**	**+6,661**	**+3,071**
Bahrain	90	197	220	136	145	100	16	31	23	54	−10	+181	+189	+113	+91
Iran	3,244	23	122	190	162	1,398	458	585	1,130	700	+1,846	−435	−463	−940	−538
Iraq	310	724	846	512	664	19	460	39	59	124	+291	+264	+807	+453	+540
Israel	1,551	2,045	2,271	2,017	2,194	314	950	1,164	1,255	1,750	+1,237	+1,095	+1,107	+762	+444
Jordan	195	407	620	436	299	1	3	7	5	4	+194	+404	+613	+431	+295
Kuwait	366	886	941	741	636	111	494	40	130	260	+255	+392	+901	+611	+376
Lebanon	368	303	294	484	286	33	33	19	17	7	+335	+270	+275	+467	+279
Saudi Arabia	1,502	5,768	9,026	7,903	5,564	2,623	12,648	7,443	3,627	3,741	−1,121	−6,880	+1,583	+4,276	+1,823
Syria	128	239	138	112	104	7	26	10	8	2	+121	+213	+128	+104	+102
Other	508	1,307	1,472	1,265	1,079	796	3,584	2,474	881	1,420	−288	−2,277	−1,002	+384	−341
East and South Asia	**10,095**	**23,722**	**24,962**	**25,930**	**26,798**	**10,267**	**29,854**	**33,328**	**40,901**	**51,868**	**−172**	**−6,132**	**−8,366**	**−14,971**	**−25,070**
Afghanistan	19	11	10	5	7	8	6	11	8	13	+11	+5	−1	−3	−6
Burma	10	29	34	16	16	2	9	17	11	14	+8	+20	+17	+5	+2
China: Taiwan	1,659	4,337	4,367	4,667	5,003	1,946	6,854	8,893	11,204	14,768	−287	−2,517	−4,526	−6,537	−9,765
Hong Kong	808	2,686	2,453	2,564	3,062	1,573	4,739	5,540	6,394	8,266	−765	−2,053	−3,087	−3,830	−5,204
India	1,290	1,689	1,599	1,828	1,570	549	1,098	1,404	2,191	2,552	+741	+591	+195	−363	−982
Indonesia	810	1,545	2,025	1,466	1,216	2,222	5,217	4,224	5,285	5,462	−1,412	−3,672	−2,199	−3,819	−4,246
Kampuchea	66	26	2	3	1	1	(z)	(z)	(z)	(z)	+65	+126	+2	+3	+1
Korea, Republic of	1,762	4,685	5,529	5,925	5,983	1,442	4,147	5,637	7,148	9,353	+320	+538	−108	−1,223	−3,370
Laos	4	(z)	(z)	(z)	(z)	(z)	(z)	(z)	3	2	(z)	(z)	(z)	−1	−2
Malaysia	393	1,337	1,736	1,684	1,856	772	2,577	1,885	2,124	2,721	−379	−1,240	−149	−440	−865
Pakistan	372	642	700	812	1,093	49	128	165	167	244	+323	+514	+535	+645	+849

Philippines	832	1,999	1,854	1,807	1,766	756	1,731	1,806	2,001	2,430	+76	+268	+48	−194	−664
Singapore	994	3,033	3,214	3,759	3,675	534	1,921	2,195	2,868	3,979	+460	+1,112	+1,019	+891	−304
Sri Lanka	38	62	198	75	92	40	126	175	185	272	−2	−64	+23	−110	−180
Thailand	357	1,263	915	1,063	1,113	217	816	884	967	1,326	+140	+447	+31	+96	−213
Other and Special Category	681	378	326	258	345	154	484	490	344	466	+527	−106	−164	−86	−121
Oceania	**2,340**	**4,876**	**5,700**	**4,827**	**5,745**	**1,508**	**3,392**	**3,131**	**3,044**	**3,558**	**+832**	**+1,484**	**+2,569**	**+1,783**	**+2,187**
Australia	1,815	4,093	4,535	3,954	4,793	1,147	2,509	2,287	2,222	2,675	+668	+1,584	+2,248	+1,732	+2,118
New Zealand and W. Samoa	411	599	900	625	712	245	703	777	737	791	+166	−104	+123	−112	−79
Other	114	184	265	248	240	116	180	67	85	92	−2	+4	+198	+163	+148
Africa	**4,949**	**9,060**	**10,271**	**8,768**	**8,827**	**8,299**	**34,410**	**17,770**	**14,425**	**14,355**	**−3,350**	**−25,350**	**−7,499**	**−5,657**	**−5,528**
Algeria	632	542	909	594	520	1,359	6,577	2,673	3,551	3,638	−727	−6,035	−1,764	−2,957	−3,118
Angola	53	111	159	91	103	425	742	697	911	1,010	−372	−631	−538	−820	−907
Cameroon	30	93	85	93	66	18	605	790	515	721	+12	−512	−705	−422	−651
Central African Republic	1	1	1	1	1	5	9	5	4	3	−4	−8	−4	−3	−2
Egypt	689	1,874	2,875	2,813	2,704	28	539	547	303	170	+655	+1,335	+2,328	+2,510	+2,534
Ethiopia	70	72	43	43	174	49	87	102	87	82	+21	−15	−59	−44	+92
Gabon	59	48	110	63	36	197	343	610	657	680	−138	−295	−500	−594	−644
Ghana	100	127	116	119	46	151	206	362	120	47	−51	−79	−246	−1	−1
Ivory Coast	78	185	97	61	65	157	268	303	343	469	−79	−103	−206	−282	−404
Kenya	49	141	98	69	74	36	54	71	65	64	+13	+87	+27	+4	+10
Liberia	90	113	113	110	97	96	128	91	91	98	−6	−15	+22	+19	+1
Libya	232	509	301	191	200	1,045	8,595	512	1	9	−813	−8,086	−211	+190	+191
Madagascar	7	7	24	22	39	46	91	63	71	71	−39	−84	−39	−49	−32
Mauritania	14	20	26	28	9	(Z)	(Z)	1	1	1	13	19	+25	+27	+8
Morocco	200	344	397	440	526	10	35	45	31	34	+190	+309	+352	+409	+492
Mozambique	18	69	27	20	23	36	105	51	29	24	−18	−36	−24	−9	−1
Nigeria	536	1,150	1,295	864	577	3,281	11,105	7,045	3,736	2,508	−2,745	−9,955	−5,750	−2,872	−1,931
South Africa, Republic of	1,302	2,463	2,368	2,129	2,265	840	3,321	1,967	2,027	2,488	+462	−858	+401	+102	−223
Sudan	103	142	270	157	136	8	17	16	19	20	+95	+125	+254	+138	+116
Tanzania	66	62	41	32	44	29	32	29	14	12	+37	+30	+12	+18	+32
Tunisia	90	173	213	216	434	26	60	59	33	30	+64	+113	+154	+183	+404
Uganda	15	12	9	4	3	61	126	156	104	93	−46	−114	−147	−100	−90
Zaire	188	155	91	83	82	67	418	407	366	502	+121	−263	−316	−283	−420
Zambia	86	98	69	35	91	(Z)	200	30	52	124	86	−102	+39	−17	−33
Other	251	549	534	490	512	331	727	1,139	1,294	1,457	−80	−178	−605	−804	−945

– *Represents zero.* Z Less than $500,000. [1] 1975, 1982, and 1983 imports are customs value basis; f.a.s. basis other years. Exports are f.a.s. value. [2] Includes revisions not carried to area values; therefore, area values will not add to total. [3] Developed countries include Canada, Western Europe, Japan, Australia, New Zealand, and South Africa; *developing countries* include rest of the world *excluding Communist areas in Europe and Asia.* Assignment of countries generally follows that made by United Nations. (See table 1466.) [4] OECD=Organization of Economic Cooperation and Development. [5] As of 1981, Greece, became a member of EEC. For consistency, data for all years are shown on same basis. [6] Includes Special Category exports, if any.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade,* FT 990, monthly.

No. 1435. Percent Distribution of U.S. Domestic Exports and General Imports, by Broad Commodity Groups: 1970 to 1984

COMMODITY GROUP	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Exports:											
Food and live animals	10.2	14.6	13.9	11.9	13.0	12.5	12.8	13.2	11.6	12.1	11.5
Beverages and tobacco	1.6	1.2	1.3	1.6	1.6	1.3	1.2	1.3	1.5	1.4	1.3
Crude materials, inedible [1]	10.8	9.2	9.6	11.0	11.0	11.6	11.0	9.2	9.3	9.3	9.5
Mineral fuels and related materials	3.7	4.2	3.7	3.5	2.8	3.1	3.7	4.5	6.1	4.7	4.4
Chemicals	9.0	8.2	8.8	9.1	8.9	9.7	9.6	9.3	9.6	9.8	10.5
Machinery and transport equipment	42.0	43.0	43.7	42.2	42.0	39.5	39.1	41.8	42.1	41.2	42.4
Other manufactured goods	17.9	15.6	15.7	16.0	16.1	16.2	17.8	16.3	15.8	15.2	14.5
General imports:											
Food and live animals	13.5	8.8	8.5	8.5	7.9	7.4	6.4	5.8	5.9	6.0	5.5
Beverages and tobacco	2.1	1.5	1.3	1.1	1.3	1.2	1.1	1.2	1.4	1.3	1.1
Crude materials, inedible [1]	8.3	5.8	5.8	5.7	5.4	5.2	4.3	4.3	3.5	3.7	3.4
Mineral fuels and related materials	7.7	27.5	28.2	30.2	24.5	29.1	33.9	31.2	26.8	22.5	18.7
Chemicals	3.6	3.8	4.0	3.4	3.7	3.6	3.5	3.6	3.9	4.2	4.2
Machinery and transport equipment	26.0	24.4	24.7	24.7	27.7	26.0	24.7	26.6	30.1	33.4	36.6
Other manufactured goods	33.3	24.9	25.0	23.8	26.9	24.8	22.9	24.3	25.1	31.7	27.2

[1] Excludes fuels.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly. Also in U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual.

No. 1436. Domestic Exports, by Selected Commodity Groups: 1970 to 1984

[**In millions of dollars.** Totals and subtotals include data for commodities not shown separately. Beginning 1975, exports include nonmonetary gold. Commodity data beginning 1978 are not strictly comparable with previous years due to changes in export classifications; see source for changes. For 1977, adjustments have been made to the subtotals and to certain commodities to provide greater comparability with later years; and beginning 1980, includes trade of Virgin Islands with foreign countries (see footnote 1 for exception). "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 274-294]

COMMODITY GROUP	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
U.S. merchandise	42,590	106,561	119,005	141,126	178,578	[1] 216,668	228,961	207,158	195,969	212,057
Food and live animals	4,356	15,484	14,116	18,311	22,245	27,744	30,291	23,950	24,166	24,463
Meat and preparations	175	528	797	958	1,127	1,293	1,482	1,285	1,191	1,208
Meat, fresh, chilled, or frozen	147	491	750	894	1,057	1,217	1,389	1,194	1,110	1,129
Dairy products and eggs	137	134	189	190	161	255	433	409	373	368
Grains and preparations	2,596	11,642	8,755	11,634	14,450	18,079	19,457	14,747	15,152	16,076
Wheat and wheat flour	1,112	5,293	2,883	4,532	5,491	6,586	8,073	6,869	6,509	6,698
Rice	314	858	730	929	850	1,285	1,526	997	926	845
Coarse grains	1,072	5,272	4,913	5,920	7,804	9,866	9,501	6,420	7,231	8,241
Corn	824	4,448	4,139	5,301	7,022	8,570	8,014	5,682	6,480	7,081
Grain sorghums	196	699	604	531	686	1,080	1,174	720	747	880
Fruits and nuts	406	871	1,080	1,335	1,525	1,938	1,983	1,778	1,701	1,676
Fruit, fresh	164	404	458	530	624	716	802	730	761	688
Vegetables	178	406	517	554	605	992	1,131	937	744	759
Feed for animals	497	987	1,572	1,921	2,317	2,878	2,739	2,473	2,802	2,226
Beverages and tobacco	702	1,308	1,847	2,293	2,337	2,663	2,915	3,026	2,813	2,849
Tobacco and manufactures	679	1,253	1,732	2,125	2,148	2,426	2,723	2,845	2,647	2,704
Leaf tobacco	481	852	1,094	1,358	1,184	1,334	1,457	1,547	1,462	1,511
Cigarettes	159	368	615	749	909	1,055	1,229	1,235	1,126	1,120
Crude materials, inedible, exc. fuels	4,605	9,784	13,086	15,555	20,755	23,791	20,993	19,248	18,596	20,249
Hides and skins, except fur skins	145	295	578	695	992	694	700	778	807	1,171
Fur skins, undressed	42	115	208	222	340	352	325	244	203	212
Soybeans	1,216	2,865	4,393	5,210	5,708	5,883	6,200	6,240	5,925	5,438
Synthetic rubber	176	261	327	369	578	695	624	553	543	624
Wood in the rough [2]	366	751	1,178	1,376	1,782	2,002	1,426	1,522	1,366	1,372
Wood shaped or simply worked	193	413	551	618	1,015	1,060	933	811	914	841
Lumber, softwood	162	342	444	452	778	778	653	576	602	530
Woodpulp	464	875	875	817	1,104	1,652	1,661	1,415	1,432	1,502
Textile fibers and wastes	543	1,345	1,899	2,302	3,046	3,929	3,402	2,817	2,593	3,343
Raw cotton, excluding linters	372	991	1,530	1,740	2,198	2,864	2,260	1,955	1,817	2,441
Ores and metal scrap	940	1,355	1,290	1,839	3,325	4,518	2,718	2,174	2,276	2,666
Iron and steel scrap	447	780	413	698	1,142	1,226	639	610	637	918
Ores and scrap, nonferrous base	397	461	600	893	1,920	1,223	899	690	451	560
Mineral fuels and related materials	1,595	4,470	4,184	3,881	5,616	7,982	10,279	12,729	9,500	9,311
Coal	962	3,259	2,655	2,046	3,328	4,621	5,909	5,987	4,051	4,132
Petroleum and products	488	908	1,280	1,564	1,914	2,833	3,696	5,947	4,557	4,470
Lubricating oils	175	275	305	467	639	733	799	345	667	495
Animal and vegetable oils and fats	493	944	1,309	1,521	1,845	1,946	1,750	1,541	1,459	1,922
Tallow, inedible	176	299	504	516	655	677	645	572	568	617
Soybean oil	192	266	440	560	776	689	474	486	447	742

See footnotes at end of table.

No. 1436. Domestic Exports, by Selected Commodity Groups: 1970 to 1984—Continued

[In millions of dollars. See headnote, p. 814]

COMMODITY GROUP	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Chemicals and related products	3,826	8,691	10,812	12,623	17,306	20,740	21,187	19,890	19,751	22,336
Chemical elements and compounds	1,642	3,623	4,811	5,297	7,704	2,106	2,285	1,969	1,838	9,699
Dyeing, tanning, coloring materials	137	244	352	386	450	490	524	494	491	493
Medicinal, pharmaceutical prod.	420	866	1,081	1,404	1,591	1,932	2,165	2,275	2,494	2,628
Fertilizers, manufactured	178	1,083	704	1,091	1,404	2,265	1,735	1,386	1,267	1,815
Plastic materials and resins [3]	653	1,166	1,838	2,088	3,241	3,884	3,809	3,650	3,732	4,050
Machinery and transport equip	17,882	45,668	50,248	59,268	70,491	84,628	95,736	87,148	82,578	89,973
Machinery [4]	11,685	29,215	32,630	38,105	45,914	57,263	64,426	59,821	54,695	61,464
Power generating machinery	1,405	3,551	3,619	4,797	6,639	8,428	9,465	9,461	8,718	9,114
Agricultural machinery	182	704	717	844	1,088	1,295	1,420	1,127	832	965
Tractors and parts	750	2,126	2,064	2,316	2,720	2,150	2,296	1,760	1,389	1,921
Electronic computers, parts and accessories	1,236	2,228	3,264	4,359	5,671	7,763	8,741	9,159	10,589	13,461
Other office machines [5]	311	411	621	647	804	946	1,069	1,048	1,070	1,131
Metalworking machinery	396	922	730	1,188	1,391	1,756	2,158	1,611	1,121	1,175
Metalcutting machines	213	344	258	338	350	397	574	345	204	217
Textile, leather machinery	273	486	423	485	628	693	685	554	453	520
Construction, excavating, and maintenance equipment	434	1,277	1,352	1,318	1,234	2,076	2,189	1,553	762	802
Materials handling equipment	607	1,846	1,664	1,457	1,744	2,243	2,438	1,592	946	911
Air-conditioning and refrigerating equipment	397	928	1,245	1,582	1,468	1,523	1,694	1,487	1,268	1,309
Pumping equipment, incl. parts	241	543	630	729	893	1,091	1,248	1,246	1,003	1,025
Pipe valves and parts	196	458	548	610	657	829	936	854	716	673
Power machinery, switchgear	611	1,709	2,301	2,690	3,140	3,254	3,835	3,624	3,221	3,652
Generators, generating sets	117	548	889	569	487	619	745	686	376	590
Transforming, converting, transmission apparatus	156	417	518	609	553	914	1,116	1,325	926	995
Telecommunications apparatus	660	1,574	2,360	2,689	2,957	3,454	3,856	3,864	3,804	3,943
Radio, television apparatus	576	1,339	1,827	1,831	2,148	2,238	2,525	2,430	590	588
Domestic electrical equipment	119	359	523	610	666	798	841	673	611	626
Transport equipment [6]	6,197	16,452	17,619	21,163	24,577	27,366	31,310	26,668	27,298	29,655
Railway vehicles	91	462	305	305	384	452	486	433	402	584
Road motor vehicles, parts [6]	3,245	9,290	10,887	12,150	13,904	13,117	14,733	12,751	13,492	17,651
Automobiles, nonmilitary, new	822	2,852	3,568	3,573	4,611	3,919	3,919	2,860	4,200	4,868
Trucks and tractor trucks, commercial, new	452	1,712	1,513	1,504	1,583	1,467	1,618	1,186	1,042	1,674
Parts, accessories, commercial	1,603	3,620	4,673	5,682	6,147	6,058	7,395	6,939	7,531	9,069
Aircraft, parts, and accessories	2,656	6,136	5,874	8,204	9,719	12,816	14,738	11,775	12,189	10,914
Civilian aircraft	1,528	3,169	2,747	3,616	6,177	8,256	8,613	4,848	7,531	4,147
Other manufactured goods	7,636	16,592	19,091	22,644	26,879	38,602	37,381	32,700	30,097	30,839
Tires and tubes	186	544	338	280	353	511	584	372	304	392
Paper and manufactures	622	1,447	1,517	1,597	1,967	2,831	2,961	2,653	2,553	2,620
Paper and paperboard	526	1,131	1,162	1,187	1,430	2,162	2,192	1,877	1,843	1,914
Nonmetallic mineral mfrs., n.e.c.	475	964	1,275	1,597	1,949	2,209	2,194	1,804	1,770	1,865
Metals and manufactures	2,978	5,661	5,149	6,101	5,583	8,948	7,363	6,075	5,477	5,631
Iron and steelmill products [7]	1,188	2,382	1,608	1,646	2,227	2,998	2,801	2,101	1,415	1,248
Plates and sheets	335	327	272	402	567	936	663	372	295	284
Tubes, pipes, and fittings	226	1,412	677	798	1,077	1,080	1,252	1,214	731	605
Silver bullion, refined	31	104	39	56	238	1,327	181	106	169	86
Nonferrous base metals	893	1,090	1,058	1,048	1,745	2,964	2,046	1,768	1,606	1,634
Copper	358	333	196	310	425	434	388	322	386	395
Aluminum	358	433	480	555	899	2,022	1,297	1,026	1,010	990
Metal manufactures, n.e.c.	744	1,891	2,399	3,103	3,431	4,205	4,769	3,981	3,443	3,602
Tools for hand or machine	204	480	558	603	693	856	932	810	671	678
Textiles, other than clothing	603	1,624	1,970	2,225	3,189	3,632	3,619	2,784	2,368	2,382
Textile yarn and thread	145	298	417	370	621	753	902	711	533	547
Cotton broad-woven fabrics	103	376	438	426	626	566	349	253	201	193
Textile fabrics, woven, exc. cotton	151	386	399	472	721	832	797	522	430	424
Clothing	198	403	608	677	931	1,183	1,208	931	796	776
Professional, scientific, and controlling instruments [8]	857	1,792	3,241	3,904	4,289	5,256	5,980	6,003	5,856	6,198
Photographic supplies	250	606	813	1,073	1,227	1,507	1,501	1,396	1,366	1,464
Printed matter	327	548	668	812	956	1,097	1,297	1,341	1,324	1,391
Other transactions	1,496	3,621	4,314	5,030	9,103	8,496	8,428	6,924	7,009	10,116
Firearms of war and ammunition	682	1,361	1,617	1,951	1,854	2,006	2,165	3,261	3,092	2,971
Shipments of $500 or less, estimates	692	1,572	1,244	1,487	1,796	2,119	2,368	1,698	1,597	4,353

[1] Includes revisions not carried to commodity groups; therefore commodity groups will not add to total. [2] Beginning 1977, includes pulp wood chips, formerly classified in "Other manufactured goods" under "Wood and manufactures." [3] Beginning 1977, includes rubber materials, formerly classified in "Other manufactured goods" under "Rubber manufactures." [4] Includes parts for tractors. [5] Beginning 1978, includes photocopy apparatus, formerly classified in "Other manufactured goods" under "Photographic and motion picture equipment." [6] Excludes parts for tractors. [7] Excludes pig iron. [8] Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, and controlling instruments"; formerly classified under "Machinery."

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly. Also in U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual.

No. 1437. General Imports, by Selected Commodity Groups: 1970 to 1984

[In millions of dollars. Imports are customs value basis for years 1982 to present; f.a.s. (free alongside ship) value basis prior to 1982. Totals and subtotals include value of commodities not shown separately. Beginning 1980, includes trade of Virgin Islands with foreign countries. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 295-316]

COMMODITY	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
General imports	**39,952**	**96,573**	**147,685**	**171,978**	**206,326**	**244,871**	**261,305**	**243,952**	**258,048**	**325,726**
C.i.f. values [1]	*42,429*	*103,389*	*157,560*	*183,093*	*218,927*	*256,984*	*273,352*	*254,884*	*269,878*	*341,177*
Food and live animals	**5,375**	**8,503**	**12,558**	**13,522**	**15,171**	**15,766**	**15,238**	**14,453**	**15,412**	**17,973**
Cattle, except for breeding	111	77	186	250	249	228	182	289	301	279
Meat and preparations	1,014	1,141	1,276	1,856	2,539	2,346	1,996	2,075	2,034	2,034
Meat, fresh or frozen	647	640	743	1,242	1,896	1,756	1,150	1,525	1,384	1,381
Ham, shoulders, and bacon [2]	241	397	386	445	395	336	325	349	399	399
Fish, including shellfish	794	1,356	2,056	2,212	2,639	2,612	2,962	3,143	3,594	3,671
Fruits and nuts	447	627	957	1,126	1,324	1,245	1,604	1,774	1,172	1,354
Bananas	188	220	305	350	383	416	542	581	569	627
Vegetables	289	355	593	711	737	802	983	1,042	1,065	2,537
Sugar	725	1,865	1,076	723	974	1,987	2,142	863	1,046	1,258
Coffee, green	1,160	1,561	3,910	3,728	3,820	3,872	2,622	2,730	2,590	3,064
Cocoa or cacao beans	201	321	482	667	555	395	466	323	349	411
Tea	53	88	176	115	126	131	133	129	132	203
Beverages and tobacco	**855**	**1,419**	**1,669**	**2,221**	**2,566**	**2,784**	**3,138**	**3,364**	**3,408**	**3,653**
Alcoholic beverages	725	1,033	1,287	1,744	2,013	2,232	2,399	2,513	2,626	2,853
Tobacco, unmanufactured	111	343	322	396	436	422	427	445	464	625
Crude materials, inedible, except fuels	**3,307**	**5,566**	**8,486**	**9,294**	**10,650**	**10,516**	**11,193**	**8,589**	**9,590**	**11,082**
Hides and skins, except fur skins	51	78	97	106	139	88	101	71	64	70
Fur skins, undressed	59	79	122	142	183	143	168	127	126	160
Rubber, including latex	231	353	642	840	1,058	980	980	735	909	1,132
Lumber, softwood	439	797	1,972	2,595	2,727	1,984	1,880	1,636	2,590	2,687
Lumber, hardwood	61	69	124	141	183	145	149	98	127	161
Woodpulp	480	1,032	1,213	1,126	1,506	1,725	1,778	1,485	1,470	1,845
Textile fibers and wastes	202	174	222	248	231	242	343	264	312	387
Wool and other animal hair	116	73	117	147	134	146	210	152	176	211
Industrial diamonds	39	42	62	69	116	119	118	80	96	106
Asbestos, unmanufactured	75	117	152	162	144	97	108	65	58	65
Ores and metal scrap	1,149	1,978	2,742	2,813	3,247	3,715	3,838	2,684	2,498	2,890
Iron ore and concentrates	480	864	951	845	923	773	951	497	452	534
Silver ore and base bullion	49	98	84	106	166	342	250	176	242	202
Nonferrous base metals [3]	522	783	1,382	1,556	1,672	2,291	1,722	1,552	1,306	1,606
Bauxite, crude	165	267	426	415	410	432	443	383	250	311
Mineral fuels and related materials	**3,075**	**26,476**	**44,537**	**42,096**	**60,061**	**82,924**	**81,417**	**65,409**	**57,952**	**60,980**
Petroleum and products	2,764	24,814	41,756	39,104	56,046	77,637	75,577	59,396	52,325	55,906
Petroleum, crude and partly refined	1,448	19,293	33,910	32,134	46,100	65,717	61,940	45,862	36,809	36,529
Petroleum products	1,316	5,521	7,845	6,970	9,946	11,920	13,637	13,535	15,516	19,377
Natural gas	258	1,081	1,941	2,000	2,765	5,155	5,720	5,934	5,530	4,923
Animal and vegetable oils and fats	**160**	**554**	**531**	**511**	**740**	**533**	**479**	**406**	**495**	**696**
Chemicals and related products	**1,450**	**3,696**	**4,970**	**6,430**	**7,485**	**8,593**	**9,446**	**9,493**	**10,779**	**13,897**
Organic chemicals	355	1,027	1,438	1,735	2,159	2,541	2,974	2,960	3,477	4,265
Inorganic chemicals [3]	371	835	1,171	1,827	2,059	2,313	2,359	2,645	2,568	3,458
Medicinal and pharmaceutical products	87	235	313	450	441	509	583	563	703	931
Fertilizers, manufactured	192	626	829	869	976	1,104	1,181	963	997	1,142
Machinery and transport equipment	**11,172**	**23,457**	**36,407**	**47,590**	**53,678**	**60,558**	**69,627**	**73,320**	**86,131**	**119,192**
Machinery	5,375	11,970	18,837	24,752	28,530	32,286	38,546	39,457	46,975	66,390
Engines and parts	782	1,615	2,137	2,886	3,004	1,866	2,251	2,611	3,570	6,348
Agricultural machinery	173	474	499	489	698	686	639	485	475	588
Tractors and parts	175	571	630	848	1,197	1,049	948	757	924	1,298
Office machines and data proccessing equipment	505	1,052	1,568	2,254	2,500	2,929	3,563	4,299	6,759	10,791
Metalworking machinery	164	361	435	947	1,123	1,425	1,613	1,468	1,480	2,025
Textile and leather machinery	361	518	639	877	830	869	974	924	1,059	1,282
Power machinery and switchgear	247	550	970	1,291	1,708	2,039	2,378	2,547	2,974	7,291
Telecommunications apparatus	1,102	2,077	4,954	6,136	6,175	6,716	8,910	9,051	11,278	15,934
Electron tubes, transistors, semiconductor devices, and parts	224	899	1,490	1,942	2,719	3,592	3,959	4,524	5,388	8,226
Transport equipment	5,798	11,487	17,571	22,838	25,148	28,260	31,415	33,863	39,156	50,802
Automobiles and parts	5,068	9,921	15,844	20,631	22,053	24,015	26,113	29,218	34,870	45,284
Automobiles, new	3,722	7,124	10,633	13,646	14,813	16,776	17,540	19,757	22,934	29,208
Motorcycles	307	707	641	892	908	1,149	1,263	1,019	659	731
Aircraft and parts	274	519	603	602	1,078	1,885	2,585	2,481	2,051	3,011
Other manufactured goods	**13,285**	**23,927**	**35,178**	**46,296**	**51,071**	**55,970**	**63,471**	**61,209**	**66,539**	**88,625**
Leather manufactures and dressed furs	118	132	236	353	426	393	567	523	582	758
Rubber tires and tubes	205	475	851	923	1,136	1,143	1,331	1,239	1,406	1,839
Wood manufactures (excl. furniture)	409	573	1,032	1,240	1,391	1,133	1,199	991	1,335	1,546
Paper and manufactures	1,087	1,673	2,402	2,923	3,356	3,587	3,874	3,848	4,216	5,571
Newsprint	930	1,427	1,879	2,101	2,322	2,685	2,871	2,749	2,759	3,299
Construction materials [4]	106	186	292	472	638	550	565	507	628	940
Glass, glassware, and pottery	338	531	785	1,047	1,097	1,228	1,349	1,351	1,602	1,468
Diamonds, excluding industrial	433	730	1,452	1,973	1,862	2,252	2,198	1,917	2,275	2,905

See footnotes at end of table.

No. 1437. General Imports, by Selected Commodity Groups: 1970 to 1984—Continued

[In millions of dollars. See headnote, p. 816]

COMMODITY	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Other manufactured goods—Con.										
Metals and manufactures	4,508	8,944	12,278	15,714	17,457	18,717	22,333	19,227	18,717	24,964
Pig iron and ferroalloys	78	558	528	573	702	678	863	428	453	664
Iron and steelmill products	1,952	4,037	5,302	6,681	6,764	6,692	10,347	9,184	6,338	10,208
Bars, rods, shapes, and pilings	486	930	1,126	1,365	1,524	1,420	1,747	1,469	1,307	1,865
Plates and sheets	906	1,680	2,708	3,329	3,071	2,505	2,998	2,542	2,993	4,566
Steel wire	119	225	283	341	320	293	288	242	287	226
Tubes, pipes, and fittings	349	1,006	971	1,376	1,543	2,193	4,836	4,466	1,366	2,633
Nonferrous base metals	1,502	2,063	3,380	4,367	4,678	5,182	5,270	4,018	4,785	6,252
Copper	532	419	855	1,069	984	1,470	1,279	988	1,341	1,512
Nickel	317	456	532	676	635	885	868	568	524	600
Aluminum	238	415	766	1,115	1,029	974	1,355	1,336	1,629	2,450
Lead	74	49	163	173	226	91	90	57	65	90
Tin	190	315	458	598	720	776	644	378	453	513
Silver, refined bullion	53	274	313	325	842	1,329	837	786	1,926	846
Platinum group metals	98	244	252	430	800	1,107	742	512	707	1,062
Metal manufactures, n.e.c	825	1,769	2,503	3,333	3,671	3,732	4,170	4,294	4,504	5,923
Textiles, other than clothing	1,135	1,219	1,736	2,200	2,216	2,499	3,046	2,807	3,225	4,531
Textile yarn and thread	223	128	225	246	167	194	231	260	355	523
Cotton fabrics, woven	173	219	345	427	380	433	607	489	560	876
Textile fabrics, woven, exc. cotton [5]	499	433	569	719	775	408	572	533	586	702
Twine and cordage	35	123	76	78	112	114	104	82	87	85
Floor coverings	53	88	145	200	264	283	306	277	332	491
Clothing	1,269	2,562	4,100	5,657	5,876	6,430	7,537	8,165	9,583	13,497
Footwear	629	1,275	1,806	2,585	2,859	2,809	3,019	3,437	4,010	5,034
Professional, scientific, photographic, and controlling instruments [6]	356	726	1,292	981	1,159	2,654	3,701	3,132	3,528	4,696
Clocks and watches	184	426	722	947	946	1,127	1,275	991	1,058	1,254
Musical instruments, sound recorders and reproducers, and parts [7]	505	781	285	423	469	487	621	729	927	1,288
Printed matter	160	284	340	479	529	613	622	664	739	980
Articles of plastic and rubber, n.e.c	236	429	606	744	871	916	1,006	1,102	1,352	1,861
Toys, games, and sporting goods	427	693	1,156	1,374	1,591	1,836	2,075	2,698	2,412	3,189
Artworks and antiques	162	677	720	1,312	1,487	2,672	2,056	2,024	2,017	2,467
Other transactions	**1,274**	**2,518**	**3,336**	**4,018**	**4,905**	**7,225**	**7,296**	**7,708**	**7,742**	**9,828**

[1] Value on a cost, insurance, and freight basis: cost (to the U.S. importer) of commodities at port of exportation plus insurance and freight to U.S. customs port of entry. 1970 is estimated. [2] Canned, cooked, and boned. [3] Prior to 1977, alumina is included under chemicals; thereafter, classified in crude materials. [4] Materials of lime, cement, and clay. [5] Excludes narrow or special fabrics. [6] Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, photographic, and controlling instruments"; prior to 1977, classified under "Machinery." [7] Beginning 1977, sound recorders included in "Machinery."

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly. Also in U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual.

No. 1438. Imports for Consumption—Values and Duties: 1950 to 1984

[Imports are on customs value basis. Beginning 1965, includes uranium, thorium, and related products; beginning 1970, includes silver ores and bullion, and beginning 1980, includes trade of Virgin Islands with foreign countries. For basis of dollar values and for area coverage, see text, p. 793. See also *Historical Statistics, Colonial Times to 1970*, series U 207–212]

YEAR	VALUES				Duties calculated [1] (mil. dol.)	RATIO OF DUTIES TO VALUES		Duties per capita [2] (dollar)
	Total (mil. dol.)	Free (mil. dol.)	Dutiable (mil. dol.)	Percent free		Total imports (percent)	Dutiable imports (percent)	
1950	8,743	4,767	3,976	55	522	6	13	3.43
1955	11,337	6,037	5,300	53	633	6	12	3.82
1960	14,650	5,780	8,870	39	1,084	7	12	6.00
1965	21,283	7,434	13,849	35	1,643	8	12	8.46
1970	39,756	13,870	25,886	35	2,584	6	10	12.60
1971	45,516	15,286	30,230	34	2,767	6	9	13.32
1972	55,290	18,915	36,375	34	3,124	6	9	14.88
1973	69,024	28,258	40,766	41	3,620	5	8	17.08
1974	100,140	52,052	48,088	52	3,771	4	8	17.63
1975	96,516	31,030	65,486	32	3,780	4	6	17.50
1976	121,121	37,190	83,931	31	4,675	4	6	21.44
1977	147,075	43,633	103,442	30	5,485	4	5	24.91
1978	[3] 172,912	51,827	121,125	30	7,162	4	6	32.17
1979	[3] 205,850	103,278	102,845	50	7,202	3	7	31.99
1980	[3] 244,007	106,992	132,951	45	7,535	3	6	33.09
1981	259,012	76,338	182,674	29	8,893	3	5	38.67
1982	242,340	75,856	166,484	31	8,688	4	5	37.40
1983	256,679	83,397	173,283	32	9,430	4	5	40.21
1984	322,989	102,977	220,012	32	12,042	4	5	50.90

[1] 1950 and 1955 data from U.S. Bureau of Customs. Customs duties (including import excise taxes) calculated on the basis of reports of quantity and value of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses. [2] Based on estimated population including Armed Forces abroad as of July 1. [3] Total includes revisions not carried to free and dutiable values.

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States; Highlights of U.S. Export and Import Trade*, FT 990, monthly; and unpublished data.

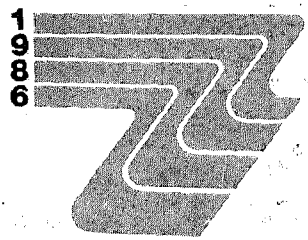
No. 1439. Domestic Exports and Imports for Consumption of Domestic Merchandise, by Selected SIC-Based Product Category: 1976 to 1984

[In millions of dollars. Includes nonmonetary gold; beginning 1980, includes trade of U.S. Virgin Islands with foreign countries. For 1976–1981, imports are free alongside ship (f.a.s.) value at foreign port exportation; thereafter, customs value basis. Beginning 1978, export data are not strictly comparable to previous years due to changes in the Schedule B export classification]

SIC [1] CODE	SIC-BASED PRODUCT CATEGORY	1976	1977	1978	1979	1980	1981	1982	1983	1984
(X)	**Domestic exports, total [2]**	**113,323**	**117,963**	**141,154**	**178,578**	**216,592**	**228,961**	**207,158**	**195,969**	**212,057**
(X)	Agricultural, forestry and fishery products	17,050	16,756	21,248	25,194	30,091	31,463	26,486	25,972	27,557
01	Agricultural products	16,552	16,217	20,626	24,410	29,238	30,527	25,626	25,150	26,770
02	Livestock and livestock products	415	435	524	665	715	792	713	689	646
08	Forestry products	66	79	74	90	110	109	111	99	115
09	Fish, fresh or chilled; and other marine products	17	24	24	28	28	35	36	34	26
(X)	Mineral commodities	4,171	4,208	4,018	6,190	8,338	9,144	8,620	6,176	6,417
10	Metallic ores and concentrates	362	460	583	1,096	1,320	962	684	498	644
11	Anthracite coal	24	27	41	66	98	103	53	43	42
12	Bituminous coal and lignite [3]	2,886	2,628	2,008	3,331	4,529	5,813	5,938	4,013	4,091
13	Crude petroleum and natural gas	167	310	506	524	976	912	762	492	448
14	Nonmetallic minerals, fuels	730	783	880	1,173	1,415	1,354	1,183	1,129	1,193
(X)	*Manufactured commodities*	*89,872*	*94,870*	*113,327*	*143,032*	*171,355*	*184,225*	*168,376*	*159,608*	*179,284*
20	Food and kindred products	6,184	7,270	9,044	10,618	12,124	12,933	11,079	11,022	11,067
21	Tobacco manufactures	536	637	766	964	1,091	1,265	1,298	1,186	1,192
22	Textile mill products	1,451	1,407	1,466	2,130	2,488	2,326	1,766	1,559	1,541
23	Apparel and related products	790	921	1,077	1,414	1,620	1,651	1,271	1,114	1,065
24	Lumber and related products	2,162	2,153	2,439	3,520	3,695	3,049	2,863	2,852	2,699
25	Furniture and fixtures	206	231	317	355	476	634	593	522	548
26	Paper and allied products	2,537	2,452	2,505	3,210	4,670	4,755	4,210	4,103	4,322
27	Printing and publishing	617	682	824	967	1,115	1,315	1,358	1,323	1,378
28	Chemicals and allied products	9,831	10,654	12,626	17,466	21,095	21,659	20,021	19,688	22,249
29	Petroleum and coal products	1,276	1,328	1,406	2,108	2,849	3,996	6,402	5,325	5,113
30	Rubber and misc. plastics products	1,358	1,548	1,787	2,196	2,675	2,970	2,631	2,634	2,936
31	Leather and leather products	243	264	327	427	510	519	498	457	526
32	Stone, clay, and glass products	1,047	1,159	1,399	1,645	1,922	2,102	1,860	1,779	1,904
33	Primary metal products	3,091	2,912	4,476	9,630	11,491	8,780	5,463	4,892	5,360
34	Fabricated metal products	4,086	4,527	5,159	5,815	6,927	7,947	7,692	6,732	6,530
35	Machinery, except electrical	20,998	21,448	24,664	29,991	38,084	42,924	38,920	33,190	37,268
36	Electric and electronic equipment	8,162	8,820	11,304	13,536	16,354	18,392	18,144	18,029	20,164
37	Transportation equipment	18,494	18,888	25,663	26,026	29,206	33,188	29,702	30,864	32,179
38	Instruments and related products	3,978	4,513	5,320	6,437	7,690	8,426	8,371	8,271	8,684
39	Misc. manufacturing	1,410	1,569	1,982	2,531	2,888	2,728	2,208	2,165	1,895
(X)	**Imports for consumption, total [2]**	**120,014**	**146,047**	**171,697**	**205,115**	**239,588**	**259,319**	**242,340**	**256,680**	**322,989**
(X)	Agricultural, forestry and fishery products	7,128	9,235	9,744	10,628	10,536	10,216	9,982	10,743	12,301
01	Agricultural products	4,473	6,182	6,358	6,554	6,531	5,962	5,733	5,857	6,936
02	Livestock and livestock products	431	482	634	672	684	666	749	820	977
08	Forestry prodcuts	620	763	812	1,045	984	968	706	782	978
09	Fish, fresh or chilled; and other marine products [4]	1,605	1,809	1,940	2,357	2,337	2,620	2,795	3,285	3,411
(X)	Mineral commodities	30,485	38,920	38,476	53,576	70,717	70,015	53,705	43,573	43,500
10	Metallic ores and concentrates	1,979	1,848	2,066	2,374	2,312	2,297	1,946	1,321	1,636
12	Bituminous coal and lignite [3]	18	43	75	52	30	30	23	43	44
13	Crude petroleum and natural gas	27,102	35,375	34,328	48,818	65,857	65,581	50,115	40,670	39,962
14	Nonmetallic minerals, exc. fuels	1,386	1,653	2,007	2,333	2,517	2,106	1,621	1,539	1,859
(X)	Manufactured commodities	79,061	94,187	118,717	135,557	150,643	171,355	170,406	194,405	257,643
20	Food and kindred products	6,286	6,842	7,971	9,606	10,381	10,693	9,561	10,334	12,010
21	Tobacco manufactures	46	46	50	51	93	200	227	404	88
22	Textile mill products	1,392	1,490	1,832	1,820	2,023	2,466	2,201	2,524	3,469
23	Apparel and related products	3,912	4,393	5,722	5,902	6,543	7,750	8,432	9,898	13,916
24	Lumber and related products	2,437	3,323	4,282	4,680	3,648	3,643	3,059	4,426	4,836
25	Furniture and fixtures	528	642	861	1,009	1,083	1,228	1,354	1,795	2,458
26	Paper and allied products	3,332	3,588	4,038	4,856	5,322	5,659	5,343	5,681	7,431
27	Printing and publishing	344	366	504	546	628	639	672	795	1,070
28	Chemicals and allied products	3,786	4,412	5,593	6,050	7,003	7,871	7,655	9,366	11,997
29	Petroleum and coal products	6,942	8,758	7,701	11,090	13,420	15,820	15,643	17,395	21,202
30	Rubber and misc. plastics products	1,835	2,186	2,346	2,632	2,743	3,112	2,937	3,405	4,365
31	Leather and leather products	1,723	1,881	2,980	3,427	3,379	3,873	4,496	5,296	6,788
32	Stone, clay, and glass products	1,107	1,386	1,919	2,198	2,262	2,483	2,398	2,862	3,791
33	Primary metal products	8,210	10,067	13,908	15,623	18,027	20,478	16,813	16,359	22,117
34	Fabricated metal products	2,233	2,722	3,859	4,258	4,396	5,028	5,154	5,273	6,804
35	Machinery, except electrical	5,946	7,143	10,566	13,066	14,222	16,281	16,163	18,440	27,621
36	Electric and electronic equipment	8,350	9,578	12,007	13,424	15,451	18,833	20,124	24,626	35,326
37	Transportation equipment	15,887	19,232	24,428	26,473	29,895	33,063	35,683	41,627	54,297
38	Instruments and related products	2,215	2,772	3,754	4,011	4,692	5,638	5,380	6,023	7,729
39	Misc. manufacturing	2,550	3,358	4,395	4,835	5,430	6,596	7,110	7,393	9,714

X Not applicable. [1] Standard Industrial Classification. [2] Includes scrap and waste, used or secondhand merchandise, and manufactured commodities not identified by kind. [3] Includes anthracite. [4] Includes frozen and packaged fish.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990.



Section 32

Outlying Areas Under Jurisdiction of the United States

This section presents summary economic and social statistics for Puerto Rico, Virgin Islands, Guam, American Samoa, the Northern Mariana Islands, and remainder of the Trust Territory of the Pacific Islands.

Primary sources are the decennial censuses of population and housing, and the censuses of agriculture, business, manufactures, and construction (taken every five years) conducted by the Bureau of the Census; the annual *Vital Statistics of the United States,* issued by the National Center for Health Statistics; and the annual *Income and Product* of the Puerto Rico Planning Board, San Juan.

Jurisdiction.—The United States gained jurisdiction over these areas as follows:

The islands of *Puerto Rico* and *Guam,* surrendered by Spain to the United States in October 1898, were ceded to the United States by the Treaty of Paris, ratified in 1899. Puerto Rico became a commonwealth on July 25, 1952, thereby achieving a high degree of local autonomy under its own constitution. The *Virgin Islands,* comprising 50 islands and cays, were purchased by the United States from Denmark in 1917. *American Samoa,* a group of 7 islands, was acquired by the United States in accordance with a convention among the United States, Great Britain, and Germany, ratified in (Swains Island annexed in 1925).

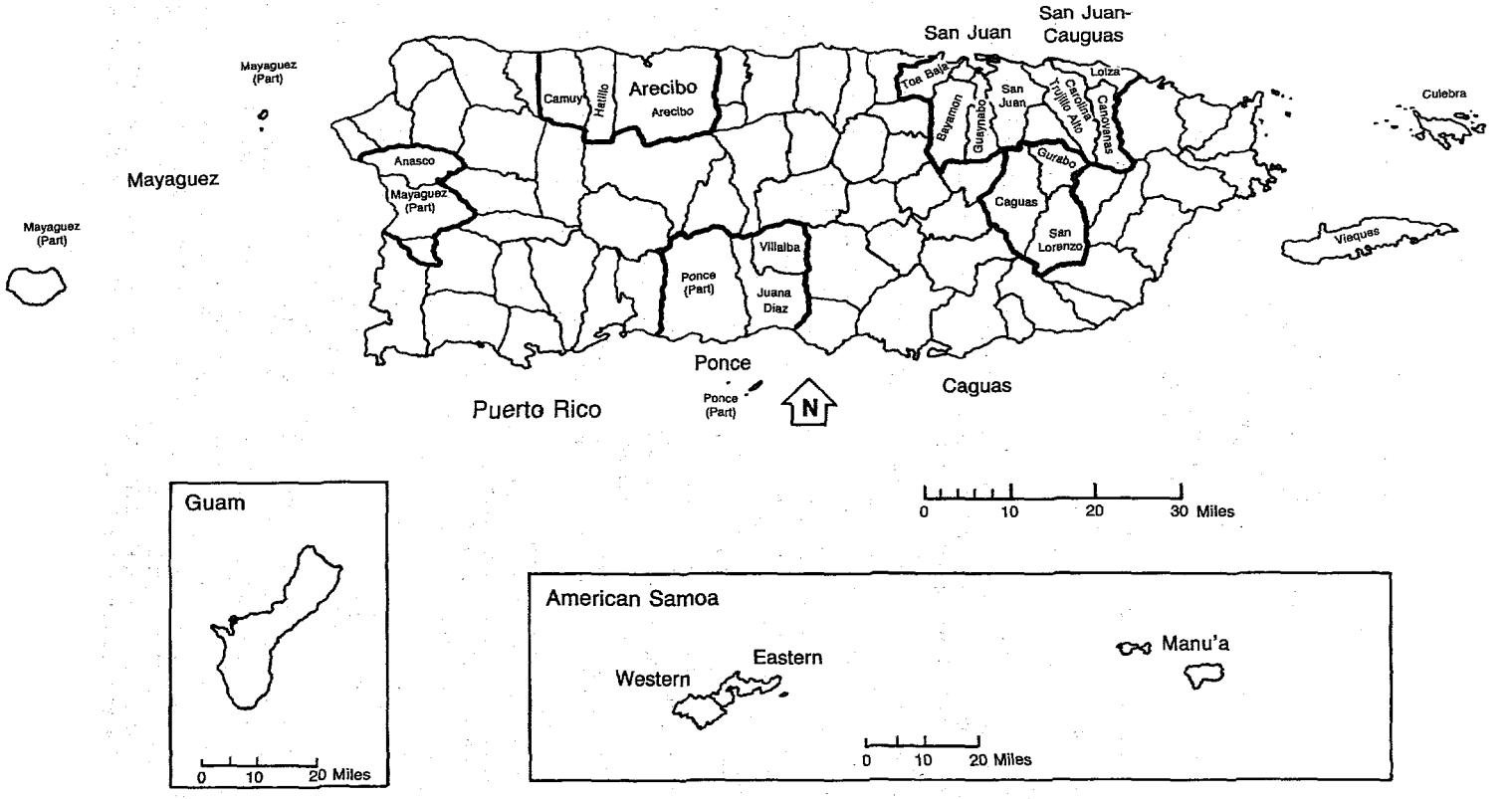
The *Trust Territory of the Pacific Islands* comprises 2,141 atolls and islands, about 96 of which are inhabited. By an agreement approved by the Security Council and the United States in 1947, this territory, formerly under Japanese mandate, has been administered by the United States since July 1947 under the United Nations trusteeship system. The Northern Mariana Islands are in the process of becoming a Commonwealth. Some data, formerly included in the *Trust Territory of the Pacific Islands,* are now shown separately. The other parts of the Trust Territory are negotiating relationships of free association with the United States. When negotiations are completed, subject to the approval of the U.S. Congress and the United Nations, the trusteeship will be dissolved.

For a brief summary of U.S. territorial development, see tables 3 and 335.

Censuses.—Because characteristics of the outlying areas differ, the presentation of census data for them is not uniform. The 1960 Census of Population covered all of the places listed above except the Trust Territory of the Pacific Islands (the census of which was conducted in April 1958 by the Office of the High Commissioner), whereas the 1960 Census of Housing also excluded American Samoa. The 1970 and 1980 Censuses of Population and Housing covered all five areas. The 1959, 1969, and 1978 Censuses of Agriculture covered Puerto Rico, American Samoa, Guam, and the Virgin Islands; the 1964, 1974, and 1982 censuses covered the same areas except American Samoa; and the 1978 census included the Northern Mariana Islands. Beginning in 1967, Congress authorized the economic censuses, to be taken at 5-year intervals, for years ending in 2 and 7. Prior economic censuses were conducted in Puerto Rico for 1954, 1958, and 1963, and in Guam and the Virgin Islands for 1958 and 1963. In 1967, the census of construction industries was added for the first time in Puerto Rico; in 1972 Virgin Islands and Guam were covered. Beginning 1982, the economic censuses covered the Northern Mariana Islands.

Information in other sections.—In addition to the statistics presented in this section, other data are included as integral parts of many tables showing distribution by States in various sections of the *Abstract.* See "Outlying areas of the United States" in the index. For definition and explanation of terms used, see section 1, Population; section 5, Education; section 24, Agriculture; section 28, Construction and Housing; section 29, Manufactures; and section 30, Domestic Trade and Services.

Figure 32.1
Selected U.S. Outlying Areas Map.



No. 1440. Estimated Resident Population, by Area: 1950 to 1984

[**In thousands.** As of **July 1.** Includes estimates of *Armed Forces stationed in area*]

AREA	1950	1960	1970	1975	1980	1984	AREA	1950	1960	1970	1975	1980	1984
Puerto Rico	2,218	2,362	2,716	2,933	3,206	3,270	Trust Territory of the Pacific Islands [1] [2]	57	77	89	105	116	(NA)
American Samoa	19	20	27	30	32	35							
Guam	60	66	86	102	107	120							
Virgin Islands	27	32	63	94	98	108	No. Mariana Is. [1] [2]	(NA)	(NA)	12	15	17	19

NA Not available. [1] Data consistent with apportionment census of September 1973 which showed a total population of 14,333 for the Marianas and 114,982 for the Trust Territory. (Excludes 4,462 for Kwajalein Missile Range Facility and 269 with residence not specified.) [2] Prior to 1970, the Trust Territory estimates include the Northern Mariana Islands; beginning with 1970, they exclude them.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, Nos. 80, 336, 943, and 960, and unpublished data.

No. 1441. Estimates of Components of Population Change, by Area: 1970 to 1980 and 1980 to 1984

[**In thousands, except percent.** Resident population, including Armed Forces stationed in area. See table 1442 for population totals. *Minus sign (–) indicates decrease.* For explanation of methodology, see source]

AREA	APRIL 1, 1970 TO APRIL 1, 1980					APRIL 1, 1980 TO JULY 1, 1984				
	Net change		Births	Deaths	Net migration [1]	Net change		Births	Deaths	Net migration [1]
	Number	Percent				Number	Percent			
Puerto Rico	484.5	17.9	744.0	193.7	–65.9	73.9	2.3	292.5	90.5	–127.8
American Samoa	5.1	18.9	10.6	1.4	–4.1	3.0	9.2	5.0	.6	–1.4
Guam	21.0	24.7	30.7	4.1	–5.7	13.8	13.0	12.9	1.9	2.7
Virgin Islands	34.1	54.6	26.6	5.0	12.5	10.9	11.3	10.6	2.2	2.6
Trust Territory of the Pacific Islands [2] [3]	27.6	31.2	36.0	5.3	([4])	(NA)	(NA)	(NA)	(NA)	([4])
No. Mariana Islands [2]	4.6	37.5	5.3	.9	([4])	1.8	11.0	2.6	.4	([4])

NA Not available.
[1] Includes error of closure (the amount necessary to make the components of change add to the net change between censuses). [2] See footnote 1, table 1440. [3] Census taken *September 15, 1980.* Periods covered are April 1, 1970–September 15, 1980 and September 15, 1980–July 1, 1984. [4] Migration is derived as a residual. Because part of the residual migration in these areas reflects under-registration of vital statistics, migration figures are not shown.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, No. 943, and unpublished data.

No. 1442. Population, by Age and Area, 1960 to 1980, and by Sex, 1980

[**In thousands, except median age.** As of **April 1, except as indicated.** For definition of median, see Guide to Tabular Presentation]

AREA, YEAR, AND SEX	Total, all ages	Under 5 yr.	5–13 yr.	14–17 yr.	18–20 yr.	21–24 yr.	25–34 yr.	35–44 yr.	45–54 yr.	55–64 yr.	65 yr. and over	18 yr. and over	Median age (years)
Puerto Rico: 1960	2,349.5	354.4	588.7	220.8	123.6	134.1	262.9	238.0	180.8	123.9	122.2	1,185.6	18.5
1970, total	2,712.0	318.1	605.5	251.0	158.7	182.8	339.3	274.0	227.5	178.0	177.1	1,537.4	21.6
1980, total	3,196.5	340.7	597.0	289.4	184.3	213.6	465.9	359.9	274.8	224.5	252.6	1,975.5	24.6
Male	1,556.7	173.2	304.1	143.3	89.9	101.0	218.2	169.5	129.5	107.8	120.1	936.1	23.7
Female	1,639.8	167.4	292.9	140.1	94.4	112.5	247.7	190.4	145.3	116.7	132.4	1,039.4	25.5
American Samoa: 1960	20.1	3.7	5.7	2.1	1.0	1.1	2.3	1.8	1.2	.7	.5	8.6	15.2
1970, total	27.2	4.7	7.5	2.6	1.6	1.6	3.2	2.4	1.8	1.0	.7	12.3	16.1
1980, total	32.3	4.8	7.6	3.2	2.2	2.3	4.5	3.1	2.3	1.4	.9	16.7	18.8
Male	16.4	2.5	4.0	1.6	1.0	1.1	2.2	1.7	1.2	.7	.5	8.3	18.4
Female	15.9	2.3	3.6	1.6	1.2	1.3	2.3	1.4	1.1	.7	.5	8.4	19.2
Guam: 1960	67.0	10.8	15.2	3.6	4.3	5.0	12.2	8.6	4.4	1.9	1.1	37.4	20.8
1970, total	85.0	11.6	20.1	6.8	5.4	8.0	12.6	10.3	5.8	2.8	1.5	46.4	20.4
1980, total	106.0	13.0	21.7	8.9	6.7	8.8	19.6	11.3	8.2	4.8	3.0	62.4	22.3
Male	55.3	6.6	11.1	4.6	3.8	4.7	10.0	6.0	4.4	2.6	1.4	33.0	22.4
Female	50.7	6.4	10.6	4.3	2.9	4.1	9.6	5.3	3.8	2.2	1.6	29.4	22.1
Virgin Islands: 1960	32.1	4.9	7.1	2.7	1.4	1.7	3.9	3.5	2.8	1.9	2.2	17.3	20.7
1970, total	62.5	8.3	12.8	4.4	3.2	4.9	11.4	7.1	5.0	3.0	2.4	37.0	23.0
1980, total	96.6	10.7	21.4	9.7	4.7	5.1	14.8	12.6	7.6	5.5	4.5	54.8	22.5
Male	46.2	5.4	10.7	4.8	2.2	2.2	6.6	6.0	3.6	2.6	2.0	25.3	21.1
Female	50.4	5.3	10.7	4.9	2.4	2.9	8.2	6.6	4.1	2.9	2.5	29.4	23.6
Trust Territory of the Pacific Islands:													
1970, total	81.3	13.8	20.9	7.9	4.7	4.6	8.4	7.6	6.2	3.9	3.0	38.6	17.1
1980, total [1]	116.1	21.0	30.4	10.5	7.0	7.8	15.1	8.0	6.7	5.4	4.2	54.2	16.5
Male [1]	59.5	10.9	15.9	5.4	3.6	3.8	7.8	4.0	3.4	2.7	2.0	27.3	16.1
Female [1]	56.6	10.0	14.5	5.2	3.4	4.0	7.4	4.0	3.3	2.6	2.2	26.9	16.9
Northern Mariana Islands:													
1970, total	9.6	1.8	2.7	1.0	.6	.6	.9	.7	.6	.4	.2	4.1	15.2
1980, total	16.8	2.5	3.9	1.5	.9	1.2	2.8	1.7	1.2	.7	.5	8.9	19.7
Male	8.8	1.3	2.0	.7	.5	.6	1.5	1.0	.7	.4	.2	4.9	20.9
Female	8.0	1.2	2.0	.8	.5	.6	1.3	.6	.4	.3	.3	4.0	18.5

[1] As of September 15, 1980.

Source: U.S. Bureau of the Census, *Census of Population: 1960,* Vol. I; *1970,* Vol. I, Characteristics of the Population, parts 53–58; and *1980. vol. 1. Chapter B, Characteristics of the Population,* parts 53–57b.

No. 1443. Land Area and Population Characteristics, by Area: 1980

[As of April 1. See also table 335 for gross area (land and water). For definition of median, see Guide to Tabular Presentation]

ITEM	Puerto Rico	American Samoa	Guam	Virgin Islands	Trust Territory of the Pacific Islands	Northern Mariana Islands
Land area (sq. miles)	3,459	77	209	132	533	184
Total resident population	**3,196,520**	**32,297**	**105,979**	**96,569**	**116,149**	**16,780**
Per square mile	924.1	419.4	507.1	731.6	217.9	91.2
Percent increase, 1970–1980	17.9	18.9	24.7	54.6	42.9	74.1
Urban	2,134,365	5,660	41,875	37,730	35,153	2,678
Rural	1,062,155	26,637	64,104	58,839	80,996	14,102
Male	1,556,727	16,384	55,321	46,204	59,527	8,817
Female	1,639,793	15,913	50,658	50,365	56,622	7,963
Males per 100 females	94.9	103.0	109.2	91.7	105.1	110.7
Median age (years)	24.6	18.8	22.3	22.5	16.5	19.7
Male (years)	23.7	18.4	22.4	21.1	16.1	20.9
Female (years)	25.5	19.2	22.1	23.6	16.9	18.5
School years completed, persons 25 years old and over	1,577,682	12,184	46,906	44,986	39,417	6,760
Elementary: 0–8 years	753,742	4,360	9,973	15,997	27,394	2,886
High school:						
1–3 years	200,269	2,697	6,157	6,475	3,792	851
4 years or more	332,770	3,108	14,653	11,543	4,688	1,543
College	290,901	2,019	16,123	10,971	3,543	1,480
Marital status, persons 15 years old and over	**2,187,246**	**19,090**	**69,007**	**61,791**	**61,795**	**9,975**
Single	613,024	7,406	20,675	22,376	19,792	3,462
Married [1]	1,320,193	10,571	44,041	32,204	37,783	5,977
Widowed or divorced	254,029	1,113	4,291	7,211	4,220	536
Households and families:						
Population in households	3,176,511	31,963	101,000	95,949	115,039	16,234
Number of households	636,565	4,513	24,834	28,329	16,432	3,028
Population per household	4.99	7.08	4.07	3.39	7.00	5.36
Families	753,936	4,287	21,780	20,855	15,578	2,652
Husband-wife families	580,326	3,475	18,473	13,612	12,383	2,113

[1] Includes consensually married couples and separated couples.

Source: U.S. Bureau of the Census, unpublished data.

No. 1444. Population, by Place of Birth, and Period of Immigration of Foreign-Born—Area: 1980

[As of April 1, except as of Sept. 15 for Trust Territory of the Pacific Islands]

ITEM	American Samoa	Guam	Northern Mariana Islands	Trust Territory of the Pacific Islands	Virgin Islands
Total resident population	**32,297**	**105,979**	**16,780**	**116,149**	**96,569**
Born in this area	18,586	52,113	11,993	112,443	43,234
Percent of total	57.5	49.2	71.5	96.8	44.8
Born in the United States	2,189	22,950	553	424	11,964
Born in other outlying areas:					
American Samoa	(X)	32	9	12	(NA)
Guam	8	(X)	522	85	(NA)
Northern Mariana Islands	–	2,124	(X)	128	(NA)
Trust Territory of the Pacific Islands	16	1,396	1,543	(X)	(NA)
Puerto Rico	(NA)	(NA)	(NA)	(NA)	4,993
Born in Asia [1]	268	22,648	1,915	478	549
Japan and Okinawa	23	1,883	197	80	(NA)
Philippines	38	16,998	1,564	335	74
Western Samoa	9,686	14	2	5	(NA)
Born elsewhere	1,275	1,431	79	307	30,464
Place of birth not reported	269	3,271	164	2,268	5,365
Born outside this area	13,442	50,595	4,623	1,438	[2] 30,731
Immigrated:					
1975–1980	7,168	32,159	2,916	863	7,080
1970–1974	2,715	8,782	1,027	282	7,054
1960–1969	2,405	6,342	398	182	13,566
Before 1960	1,154	3,312	282	111	3,031

– Represents or rounds to zero. NA Not available. X Not applicable. [1] Includes other areas, not shown separately.
[2] Excludes 4,993 persons born in Puerto Rico; 11,964 born in the United States; and 282 born abroad of American parents.

Source: U.S. Bureau of the Census, unpublished data.

NO. 1445. VITAL STATISTICS—SPECIFIED AREAS: 1950 TO 1982

[Births, deaths, and infant deaths by place of residence; marriages and divorces by place of occurrence. Rates for 1950, 1960, 1970, and 1980 based on population enumerated as of **April 1**; for all other years, on population estimated as of **July 1**]

AREA AND YEAR	BIRTHS		DEATHS		INFANT DEATHS		MARRIAGES		DIVORCES [3]	
	Number	Rate [1]	Number	Rate [1]	Number	Rate [2]	Number	Rate [1]	Number	Rate [1]
Puerto Rico:										
1950	86,038	38.9	21,895	9.9	5,807	67.5	20,532	9.3	3,591	1.6
1955	77,830	34.6	16,221	7.2	4,343	55.8	18,912	8.4	4,622	2.1
1960	76,914	32.5	15,791	6.7	3,307	43.3	[4] 20,212	[4] 8.6	5,218	2.2
1965	79,608	30.2	17,686	6.7	3,406	42.8	25,184	9.6	10,519	4.0
1970	67,628	24.8	18,080	6.7	1,930	28.6	29,905	11.0	9,688	3.6
1975	69,702	23.8	17,805	6.1	1,335	19.2	32,731	11.2	12,985	4.4
1976	71,888	23.8	19,286	6.4	1,437	20.0	33,741	11.2	12,357	4.1
1977	75,191	24.4	19,778	6.4	1,514	20.1	34,541	11.2	12,085	3.9
1978	75,117	24.1	19,812	6.4	1,391	18.5	34,048	10.9	12,392	4.0
1979	73,761	23.3	20,271	6.4	1,457	19.8	33,072	10.4	13,471	4.3
1980	72,986	22.8	20,413	6.4	1,351	18.5	33,167	10.4	15,276	4.8
1981	71,300	21.9	21,085	6.5	1,318	18.5	31,892	9.8	14,247	4.4
1982	*69,256*	*21.2*	*21,427*	*6.6*	*1,187*	*17.1*	*30,799*	*9.4*	*14,094*	*4.3*
Guam:										
1965	2,523	32.8	336	4.4	82	32.5	471	6.2	53	.7
1970	2,842	28.8	355	5.8	62	21.6	874	9.9	84	1.0
1975	3,156	30.9	427	4.2	65	20.6	1,861	18.2	196	1.9
1976	3,038	29.6	446	4.4	55	18.1	1,538	15.0	275	2.7
1977	2,989	29.5	361	3.6	45	15.1	(NA)	(NA)	(NA)	(NA)
1978	2,888	28.3	398	3.9	45	15.6	1,769	17.3	361	3.5
1979	2,929	28.2	354	3.4	31	10.5	(NA)	(NA)	(NA)	(NA)
1980	2,945	27.8	393	3.7	43	14.6	(NA)	(NA)	(NA)	(NA)
1981	2,949	26.8	385	3.5	30	10.2	(NA)	(NA)	(NA)	(NA)
1982	2,954	26.7	428	3.9	29	9.8	(NA)	(NA)	(NA)	(NA)
Virgin Islands:										
1950	894	33.5	374	14.0	51	57.0	138	5.2	271	10.2
1955	913	33.1	311	11.3	41	44.9	221	8.0	103	3.7
1960	1,180	36.8	332	10.3	42	35.6	359	11.1	135	4.2
1965	1,998	46.2	416	9.6	80	30.0	595	13.7	249	5.7
1970	2,898	46.8	469	7.9	72	24.6	1,149	18.4	270	4.3
1975	2,372	25.1	477	5.0	62	26.1	1,064	11.3	353	3.7
1976	2,343	24.4	447	4.6	68	29.0	933	9.7	399	4.1
1977	2,373	25.5	380	4.1	55	23.2	919	9.9	442	4.7
1978	*2,524*	*26.3*	*461*	*4.8*	*54*	*21.4*	1,131	11.8	484	5.0
1979	2,389	24.8	476	4.9	53	21.2	1,067	11.1	410	4.3
1980	2,504	25.9	504	5.2	61	24.4	1,112	11.5	478	4.9
1981	2,442	24.6	547	5.5	55	22.5	1,092	11.0	408	4.1
1982	2,509	24.7	498	4.9	49	19.5	1,311	12.9	335	3.3

NA Not available. [1] Per 1,000 population. [2] Per 1,000 live births. [3] Includes reported annulments.
[4] Data are incomplete.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; Statistical Office of the United Nations, New York, NY, *Demographic Yearbook* 1969, 1974, and 1977 (copyright); and Department of Public Health and Social Services, Government of Guam, *Statistical Report—1978*.

NO. 1446. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS, BY AREAS: 1980

[For school year, unless otherwise indicated]

ITEM	Puerto Rico	American Samoa	Guam	Virgin Islands	Commonwealth of the Northern Marianas
Enrollment, fall	***712,880***	***9,847***	***26,420***	***25,201***	[1] **4,407**
Elementary (kindergarten-grade 8)	521,865	7,174	19,603	19,716	[1] 3,267
Secondary (grades 9–12 and post graduates)	191,015	2,473	6,817	5,485	[1] 1,140
Average daily attendance	(NA)	(NA)	**25,814**	**23,304**	**4,240**
Percent of enrollment	(NA)	(NA)	93.6	91.2	96.2
Professional staff, fall	**36,754**	**737**	**1,799**	**1,967**	(NA)
Official/administrative	1,750	75	76	116	(NA)
Professional/educational	33,027	643	1,581	1,719	(NA)
Teachers	31,964	559	1,466	1,567	(NA)
Professional/other	1,977	19	142	132	(NA)
Average salary for classroom teachers (dol.)	(NA)	(NA)	15,000	13,575	7,641
Average salary for other professional educational staff (dol.)	(NA)	(NA)	16,000	16,882	8,542
Total estimated expenditures ($1,000)	(NA)	(NA)	**41,294**	**48,317**	**9,324**
Current expenditures [2] ($1,000)	(NA)	(NA)	31,327	43,757	5,997
Per pupil [3] (dol.)	(NA)	(NA)	1,214	1,878	1,414
Other current expenditures [4] ($1,000)	(NA)	(NA)	–	2,535	403
Capital outlay ($1,000)	(NA)	(NA)	9,967	2,025	2,924
Per pupil [3] (dol.)	(NA)	(NA)	386	87	690

– Represents zero. NA Not available. [1] 1979 data. [2] Public elementary and secondary day schools.
[3] Annual expenditures per pupil in average daily attendance. [4] Community services, summer schools, adult education, and community colleges.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day School Systems*, and unpublished data.

NO. 1447. SCHOOL ENROLLMENT AND EMPLOYMENT STATUS, 1980, AND PERCENT DISTRIBUTION BY FAMILY INCOME CLASS, 1979, BY AREA

ITEM	Puerto Rico [1]	American Samoa	Guam	Virgin Islands	Trust Territory of the Pacific Islands	Northern Mariana Islands
SCHOOL ENROLLMENT, 1980						
Total enrolled, 3 years old and over	**971,592**	**12,842**	**36,002**	**34,934**	**35,882**	**5,479**
Elementary (grades 1-8), total [2]	**616,438**	**8,695**	**23,303**	**25,642**	**27,861**	**4,102**
Public	542,955	7,452	20,061	20,576	24,738	3,576
Private	73,483	1,243	3,242	5,066	3,123	526
High school (4 years), total	**220,477**	**3,224**	**8,562**	**7,275**	**6,667**	**1,281**
Public	200,118	2,759	7,580	5,856	5,702	1,149
Private, total	20,359	465	982	1,419	965	132
College, total	**134,677**	**923**	**4,137**	**2,017**	**1,354**	**96**
Public	103,650	831	3,888	1,897	1,258	80
EMPLOYMENT STATUS, 1980						
Total persons, 16 years old and over	**2,114,673**	**18,319**	**66,773**	**59,310**	**59,227**	**9,599**
In labor force	869,856	8,329	44,484	38,082	17,099	6,102
Percent of total	41.1	45.5	66.6	64.2	28.9	63.6
Armed Forces	4,137	21	10,125	84	13	13
Civilian labor force	865,719	8,308	34,359	37,998	17,086	6,089
Employed	733,922	8,106	32,692	35,652	14,559	5,941
Unemployed	131,797	202	1,667	2,346	2,527	148
Percent of civilian labor force	15.2	2.4	4.9	6.2	14.8	2.4
Not in labor force	1,244,817	9,990	22,289	21,228	42,128	3,497
FAMILY INCOME, 1979						
Families, 1980	**757,645**	**4,287**	**21,780**	**20,855**	**15,578**	**2,652**
Percent distribution, by income class	100.0	100.0	100.0	100.0	100.0	100.0
Less than $1,000	11.3	6.1	2.1	3.2	41.6	4.4
$1,000-$2,499	12.4	4.3	1.7	3.4	15.9	5.9
$2,500-$4,999	19.7	14.2	3.7	7.8	17.6	17.8
$5,000-$7,499	17.5	16.8	6.6	14.3	9.4	16.1
$7,500-$9,999	10.9	12.9	9.8	12.4	5.2	13.7
$10,000-$14,999	13.3	18.4	21.1	19.8	5.0	16.9
$15,000-$24,999	10.3	16.7	28.4	22.3	3.6	14.7
$25,000 or more	4.6	10.7	26.6	16.7	1.7	10.4
Median income [3] **(dol.)**	**5,923**	**9,615**	**16,203**	**11,914**	**2,804**	**[4] 8,809**

[1] Data based on sample and subject to sampling variability, see Appendix III. [2] Includes nursery and kindergarten. [3] For definition of median, see Guide to Tabular Presentation. [4] Excludes those with no income.

Source: U.S. Bureau of the Census, unpublished data.

NO. 1448. FEDERAL DIRECT PAYMENTS FOR INDIVIDUALS BY SELECTED PROGRAM AND OUTLAYING AREA: 1983 AND 1984

[In thousands of dollars. For fiscal years, ending Sept 39, except as noted]

PROGRAM PAYMENTS	1983					1984				
	American Samoa	Guam	Puerto Rico	Trust Territory	Virgin Islands	American Samoa	Guam	Puerto Rico	Trust Territory	Virgin Islands
Total	**8,228**	**52,056**	**2,274,937**	**4,316**	**66,848**	**8,827**	**61,531**	**2,354,321**	**3,452**	**73,153**
Pell Grants [1]	225	454	178,137	1,337	499	180	1,377	195,126	1,572	521
Medicare: Hospital Insurance	-	-	110,241	-	-	-	-	113,286	-	-
Supplemental Medical Insurance	-	-	70,126	-	-	-	-	72,941	-	-
Social Security: Disability Insurance	976	1,144	455,665	16	2,987	1,044	1,166	457,010	10	3,067
Retirement Insurance	2,360	5,200	700,095	148	19,837	2,575	5,904	747,040	178	21,950
Survivors Insurance	1,921	3,541	290,751	126	7,185	2,200	3,819	303,537	127	7,501
Veterans: Pension and Disability	1,147	2,415	218,508	-	787	1,185	2,612	217,864	-	767
Education Assistance	244	599	11,417	1	55	170	622	9,633	-	63
Federal Retirement and Disability	1,202	18,432	112,031	274	6,525	1,264	24,324	115,404	458	6,952
Food Stamps	-	18,114	[2] -12	-	23,402	-	18,275	[2] -49	-	24,101
Other	153	2,157	127,978	2,414	5,571	209	3,432	122,529	1,107	8,231

- Represents or rounds to zero. [1] Outlays for the academic year. [2] Represents payments under the Nutritional Assistance Grant Program. Minus sign indicates adjustment to prior year data.

Source: U.S. Bureau of the Census, *Federal Expenditures by State*, annual.

No. 1449. Puerto Rico—Summary: 1950 to 1983

Item	Unit	1950	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983 [1]
POPULATION												
Total [2]	1,000	2,218	2,360	2,722	2,939	3,074	3,122	3,161	3,206	3,247	3,263	3,267
Persons per family	Number	5.1	4.8	4.1	3.7	4.0	3.8	3.8	3.7	3.7	3.7	3.7
EDUCATION [3]												
Enrollment, total	1,000	(NA)	737.6	925.8	977.9	1,013.4	1,027.9	1,019.2	1,026.2	1,043.9	1,044.3	(NA)
Public day school	1,000	406.1	573.4	672.3	704.1	721.8	727.7	721.4	716.1	712.9	711.7	708.7
Other public	1,000	(NA)	76.4	103.9	83.7	87.1	86.3	82.9	85.6	100.6	95.6	92.3
Private schools	1,000	(NA)	63.3	92.3	95.7	95.7	97.3	93.4	99.4	98.5	102.4	(NA)
College and university	1,000	12.6	24.5	57.3	94.4	108.9	116.5	121.4	127.0	131.9	134.5	143.6
Expenses	Mil. dol	37.8	67.4	266.8	427.7	541.8	700.7	766.6	818.1	945.7	1,010.0	1,015.7
As percent of GNP	Percent	5.0	5.2	6.2	6.0	6.6	7.8	7.6	7.4	7.8	8.0	7.9
Public	Mil. dol	31.0	74.1	254.6	334.8	400.2	537.0	585.3	612.2	716.2	749.7	737.2
Private	Mil. dol	6.8	13.3	34.2	92.9	141.6	163.7	183.3	205.9	229.5	260.3	278.5
LABOR FORCE [4]												
Total [5]	1,000	686	625	765	825	864	889	891	907	925	918	918
Employed [6]	1,000	596	542	686	699	691	722	735	753	759	719	703
Agriculture [7]	1,000	216	125	68	48	40	37	36	40	38	35	37
Manufacturing	1,000	55	81	132	130	135	145	146	143	141	134	131
Trade	1,000	90	97	128	134	136	139	141	138	142	141	136
Government	1,000	45	62	106	143	157	167	173	184	185	171	170
Unemployed	1,000	88	82	79	125	173	167	156	154	166	199	215
Unemployment rate [8]	Rate	13	13	10	15	20	19	18	17	18	22	23
Compensation of employees	Mil. dol	388.9	928.9	2,800.2	4,838.2	5,388.0	5,847.7	6,528.8	7,217.6	7,855.5	7,972.3	8,032.6
Avg. compensation	Dollar	653	1,711	4,082	6,922	7,797	8,099	8,883	9,584	10,350	11,088	11,426
Salary and wages	Mil. dol	377.7	872.0	2,554.5	4,320.9	4,790.1	5,210.7	5,772.4	6,341.0	6,900.8	6,984.2	7,015.0
INCOME [9]												
Personal income:												
Current dollars	Mil. dol	653	1,374	3,753	6,861	8,292	9,021	9,893	10,932	12,100	12,688	12,733
Constant (1954) dollars	Mil. dol	783	1,240	2,654	3,381	3,715	3,874	4,028	3,947	3,965	3,934	3,828
Disposable personal income:												
Current dollars	Mil. dol	638	1,334	3,565	6,480	7,770	8,554	9,357	10,333	11,432	11,969	12,009
Constant (1954) dollars	Mil. dol	745	1,204	2,521	3,194	3,481	3,673	3,810	3,730	3,746	3,711	3,611
Average family income:												
Current dollars	Dollar	1,495	2,812	5,674	8,710	10,888	11,066	11,966	12,702	13,871	14,419	14,430
Constant (1954) dollars	Dollar	1,752	2,539	4,013	4,292	4,880	4,750	4,872	4,573	4,547	4,473	4,336
BANKING [10]												
Assets	Mil. dol	339	705	3,322	6,642	8,676	9,736	10,534	10,223	14,163	15,605	18,435
Debits	Mil. dol	319	835	2,548	6,930	8,237	8,106	8,039	13,399	16,780	18,701	24,098
Personal checking	Mil. dol	(NA)	(NA)	1,999	5,714	6,798	6,510	6,040	11,206	14,773	16,640	21,917
Personal savings	Mil. dol	(NA)	(NA)	94	166	251	295	320	423	475	800	759
Government accounts	Mil. dol	(NA)	(NA)	454	1,049	1,188	1,301	1,679	1,770	1,531	1,261	1,422
TOURISM [9]												
Number of visitors	1,000	64.5	347.4	1,088.4	1,329.1	1,337.2	1,465.6	1,620.2	1,627.4	1,573.4	1,563.7	1,529.8
Visitor expenditures	Mil. dol	6.8	58.1	235.4	372.7	414.3	479.6	560.9	615.0	649.7	699.2	690.9
Average per visitor	Dollar	105	167	216	280	310	327	346	378	413	447	452
Net income from tourism	Mil. dol	1.7	19.4	89.8	117.2	133.9	154.5	174.6	199.3	208.9	216.0	217.6

NA Not available. [1] Preliminary. [2] As of July 1. [3] Enrollment for the first school month. Expenses for school year ending in year shown. [4] Annual average of monthly figures. For fiscal years. [5] Beginning 1977, for population 16 years old and over; prior to 1977, for population 14 years and over. [6] Includes other employment, not shown separately. Beginning 1978, for population 16 years old and over; prior to 1978, for population 14 years and over. [7] Includes forestry and fisheries. [8] Percent unemployed of the labor force. [9] For fiscal years. [10] As of June 30.

Source: Puerto Rico Planning Board, San Juan, PR, *Income and Product*, annual, and *Socioeconomics Statistics*, annual.

No. 1450. Puerto Rico—Employment Status, 1960 to 1983, and by Sex, 1983

[In thousands of persons 14 years old and over except, beginning 1978, 16 years old and over. Annual averages for calendar years of the civilian noninstitutional population]

Employment status	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983		
										Total	Male	Female
Total	**1,368**	**1,555**	**1,743**	**1,983**	**2,017**	**2,067**	**2,116**	**2,166**	**2,216**	**2,251**	**1,065**	**1,186**
In the labor force	635	698	777	826	891	897	916	925	912	942	620	322
Employed	558	617	693	676	730	745	758	742	704	722	455	267
Working	525	585	657	630	686	699	712	695	664	683	434	249
35 hours or more [1]	406	470	569	460	533	509	535	465	470	498	326	172
Less than 35 hours [2]	119	115	88	175	153	190	177	230	194	185	108	77
Not working	33	31	35	45	44	45	48	47	40	39	21	18
Unemployed	77	81	84	150	161	153	156	184	208	220	165	55
Percent	12.1	11.6	10.7	18.1	18.0	17.0	17.0	19.8	22.8	23.4	26.7	17.0
Not in labor force	734	856	966	1,157	1,126	1,169	1,200	1,241	1,303	1,309	445	864

[1] Prior to 1970, 30 hours or more. [2] Prior to 1970, less than 30 hours.

Source: Puerto Rico Dept. of Labor and Human Resources, Bureau of Labor Statistics, San Juan, PR.

No. 1451. Puerto Rico—Gross Product by Major Industrial Sector: 1971 to 1984

[In millions of dollars. For fiscal years ending June 30]

ITEM	1971	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Gross product	**5,252**	**7,184**	**7,556**	**8,174**	**8,994**	**10,061**	**11,074**	**12,190**	**12,627**	**12,933**	**14,031**
Agriculture	177	271	286	265	338	355	394	377	395	396	397
Manufacturing	1,334	2,371	2,974	3,299	3,920	4,471	5,323	5,786	6,017	6,483	7,275
Contract construction and mining [1]	485	462	396	326	341	359	370	410	355	322	362
Transportation [2]	482	767	827	916	967	1,098	1,235	1,303	1,541	1,467	1,676
Trade	987	1,377	1,559	1,763	1,903	2,124	2,277	2,469	2,471	2,417	2,648
Finance, insurance, real estate	674	975	924	1,079	1,248	1,452	1,599	1,711	1,947	2,197	2,409
Services	552	805	890	968	1,070	1,176	1,316	1,443	1,542	1,620	1,743
Government	736	1,334	1,390	1,450	1,571	1,708	1,896	2,051	1,952	2,029	2,153
Commonwealth	656	1,145	1,175	1,215	1,309	1,406	1,573	1,733	1,675	1,723	1,837
Municipalities	80	189	215	235	262	301	323	318	277	306	316
Rest of the world	−407	−1,043	−1,441	−1,756	−2,179	−2,725	−3,406	−3,633	−3,788	−4,055	−4,640
Statistical descrepancy	234	−135	−249	−134	−186	44	70	272	195	57	12

[1] Mining includes only quarries. [2] Includes other public utilities.

No. 1452. Puerto Rico—Net Income, by Industrial Origin: 1970 to 1984

[In millions of dollars. For fiscal years ending June 30]

INDUSTRY	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984, prel.
All industries	**3,668**	**6,094**	**6,808**	**7,551**	**8,322**	**9,213**	**9,947**	**10,350**	**10,640**	**11,528**
Agriculture	178	315	344	450	443	466	430	460	422	451
Manufacturing	958	1,987	2,841	3,399	3,996	4,809	5,220	5,406	5,735	6,458
Chemicals and allied products	109	561	943	1,174	1,288	1,583	1,786	1,908	2,269	2,514
Metal products and machinery	192	484	779	922	1,198	1,454	1,721	1,828	1,753	2,146
Food and related products	161	285	382	443	497	549	645	682	565	584
Apparel and related products	172	206	268	302	329	361	374	375	408	452
Other manufacturing	324	452	470	558	684	863	694	613	740	761
Mining	7	5	5	6	5	9	9	9	297	335
Contract construction	338	406	296	311	330	339	377	320		
Transp. and other public utilities [1]	342	629	744	778	881	1,003	1,063	1,213	1,192	1,321
Trade	631	970	1,190	1,290	1,466	1,621	1,743	1,770	1,746	1,885
Finance, insurance, and real estate	504	803	871	1,016	1,217	1,346	1,432	1,663	1,872	2,044
Services	448	686	823	910	1,003	1,130	1,255	1,344	1,400	1,521
Commonwealth Government [2]	610	1,334	1,450	1,571	1,708	1,896	2,051	1,952	2,029	2,153
Rest of the world	−347	−1,043	−1,756	−2,179	−2,725	−3,406	−3,633	−3,788	−4,055	−4,640

[1] Includes radio and television. [2] Includes public enterprises, not elsewhere classified.

No. 1453. Puerto Rico—Transfers Between Federal and State Governments and Other Nonresidents: 1971 to 1984

[In million of dollars. For fiscal years ending June 30]

ITEM	1971	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Total receipts	**400**	**1,229**	**1,782**	**1,984**	**2,224**	**2,362**	**2,574**	**2,787**	**3,157**	**3,221**	**3,402**
Federal government	378	1,184	1,732	1,937	2,128	2,247	2,447	2,681	3,003	3,023	3,173
Transfers to individuals [1]	355	1,141	1,673	1,883	2,073	2,181	2,369	2,608	2,915	2,933	3,090
Veterans benefits	83	178	200	186	198	202	223	231	274	289	303
Medicare	24	41	58	71	78	92	118	137	163	184	186
Old age, disability, survivors	227	468	567	682	756	895	1,041	1,191	1,348	1,423	1,528
Nutritional assistance	(X)	388	755	802	879	821	812	860	896	775	765
Industry subsidies	19	31	43	38	39	47	56	48	58	56	55
Private institutions	4	12	16	16	16	19	21	25	29	34	28
U.S. State governments	8	19	25	24	20	14	13	16	15	15	16
Other nonresidents	15	25	25	23	76	100	114	90	140	183	213
Total payments	**270**	**597**	**696**	**738**	**772**	**792**	**848**	**924**	**961**	**986**	**1,113**
Federal government [1]	270	592	690	731	765	786	841	914	950	973	1,087
Old age, disability, survivors	199	364	371	391	409	517	649	689	700	708	794
Medicare	6	10	10	12	15	18	21	25	31	38	45
Unemployment insurance	40	79	88	97	103	119	129	146	165	167	183
Other nonresidents	(Z)	5	6	7	8	7	7	9	10	13	26
Net balance	130	631	1,085	1,246	1,452	1,570	1,726	1,864	2,196	2,236	2,289

X Not applicable. Z Rounds to zero. [1] Includes other receipts and payments, not shown separately.

Source of tables 1451-1453: Puerto Rico Planning Board, San Juan, PR, *Economic Report of the Governor, 1983-84.*

No. 1454. Puerto Rico—Business Summary: 1977 and 1982

[Sales and payroll in millions of dollars; for discussion of coverage, see text, pp. 771 and 772]

KIND OF BUSINESS (Based on 1972 Standard Industrial Classification System) [1]	1977			1982			
	Establishments	Sales	Employees [2]	Establishments	Sales	Payroll, entire year	Employees [2]
Wholesale trade [3]	**2,208**	**4,395**	**27,788**	**2,282**	**7,133**	**374**	**30,541**
Motor vehicles, automotive parts and supplies	126	164	1,662	130	416	22	1,734
Electrical goods	124	182	1,834	141	236	19	1,795
Hardware, and plumbing and heating equipment and supplies	140	132	1,464	137	178	15	1,307
Machinery, equipment, supplies	342	358	4,773	423	686	80	5,484
Drugs [4], and chemicals, allied products	154	372	3,497	164	719	58	3,957
Apparel, piece goods, and notions	159	136	946	174	257	15	1,438
Groceries and related products	486	1,420	6,208	472	2,258	78	7,513
Petroleum and petroleum products	71	567	896	87	1,113	15	978
Retail trade [3]	**36,276**	**4,798**	**78,201**	**34,461**	**6,505**	**528**	**76,370**
Building materials, hdware, garden supplies, mobile home dealers	1,347	346	5,309	1,227	381	33	4,230
Hardware stores	816	168	2,627	695	199	19	2,277
General merchandise group stores	1,061	479	10,461	697	580	75	10,030
Department stores	39	312	6,056	47	334	47	5,653
Food stores, eating and drinking places	22,477	1,593	25,622	22,795	2,471	188	29,425
Grocery stores, eating and drinking places	19,960	1,489	23,056	20,490	2,328	171	26,388
Automotive dealers, gasoline service stations [5]	2,933	1,145	10,600	2,272	1,508	61	7,895
Motor vehicle dealers—new and used cars	284	607	4,028	170	515	20	1,985
Gasoline service stations	1,520	336	3,710	1,020	735	20	3,303
Apparel, accessory stores [5]	2,796	498	11,527	2,197	643	75	11,583
Men's, boys' clothing and furnishing stores	529	117	2,255	390	126	14	1,957
Women's clothing, specialty stores	1,002	172	4,261	773	225	25	4,672
Family clothing stores	388	61	1,695	310	76	7	1,104
Furniture, home furnishings and equipment stores	1,522	270	4,927	1,096	295	29	3,737
Selected services industries [3] [5]	**19,936**	**940**	**41,704**	**24,479**	**1,322**	**340**	**38,364**
Arrangement of passenger transportation	240	13	511	260	31	7	817
Hotels, motels, trailering parks, and camps	181	(D)	(D)	158	247	76	7,290
Personal services	3,160	72	3,574	2,854	90	19	3,035
Business services	1,184	271	14,870	1,049	431	144	17,446
Auto repairs, services, garages	2,285	(D)	(D)	3,199	136	20	2,563
Amusement, recreation services, motion pictures	9,753	133	3,743	13,541	144	15	1,824
Legal services	1,350	76	2,242	1,224	107	29	2,311

D Withheld to avoid disclosure. [1] See text, page 388. [2] For week including Mar. 12. [3] Includes businesses not shown separately. [4] Includes drug proprietaries and druggists' sundries. [5] Excludes track operation and racing stables. For 1982 payroll and employees, also excludes horserace betting agencies.

Source: U.S. Bureau of the Census, *Census of Outlying Areas, Retail Trade, Wholesale Trade,* and *Selected Service Industries, 1982, Puerto Rico,* series OAC82-1.

No. 1455. Puerto Rico—Manufactures, by Industry: 1977 and 1982

[Money figures in millions of dollars. For employer establishments only]

INDUSTRY (Based on 1972 Standard Industrial Classification System) [1]	1977			1982					
	Establishments	All employees [2]	Value added by manufacture [3]	Establishments	All employees		Production workers [4]		Value of shipments [5]	Value added by manufacture [3]
					Number [2]	Payroll	Number [2]	Wages		
All industries	**2,297**	**146,861**	**4,097.2**	**2,285**	**143,218**	**1,573.0**	**110,343**	**1,035.6**	**15,906.4**	**6,605.6**
Food and kindred products	324	21,407	485.6	333	18,621	213.8	13,693	128.4	2,383.1	965.5
Tobacco manufacturer	17	3,670	122.0	14	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	63	6,001	108.8	29	2,840	21.8	2,347	17.1	103.3	66.5
Apparel and other textile products	386	35,294	278.9	341	31,764	229.7	28,615	192.3	964.4	510.1
Lumber and wood products	83	823	9.1	82	603	4.6	230	1.8	24.0	9.0
Furniture and fixtures	124	2,383	26.1	122	2,195	16.6	1,410	9.6	98.5	49.8
Paper and allied products	38	1,459	21.7	41	1,469	15.3	1,084	8.2	120.7	46.5
Printing and publishing	161	4,037	68.9	154	2,861	39.7	1,597	18.4	173.9	109.0
Chemicals and allied products	181	15,732	1,476.5	183	17,225	287.4	11,553	157.0	5,287.1	3,713.9
Petroleum and coal products	19	2,462	143.4	16	(D)	(D)	(D)	(D)	(D)	(D)
Rubber and misc. plastic products	77	5,861	147.6	83	4,496	45.3	3,457	32.7	262.0	157.7
Leather and leather products	47	6,165	55.7	47	6,019	48.0	5,340	40.0	229.3	108.3
Stone, clay, and glass products	175	4,987	102.7	171	4,390	41.4	2,868	24.3	283.3	133.5
Primary metal industries	35	1,567	48.5	34	683	6.8	457	3.4	44.0	14.8
Fabricated metal products	199	4,654	84.2	162	3,553	42.1	2,445	27.4	288.8	115.7
Machinery, exc. electrical	57	4,071	161.2	88	6,722	87.3	5,094	56.1	975.0	542.2
Electric and electronic equipment	131	14,785	403.1	181	21,682	248.1	16,758	173.7	1,986.0	1,139.6
Transportation equipment	26	1,127	28.1	28	909	9.1	765	7.3	56.5	32.1
Instruments and related products	69	6,789	257.3	89	10,865	130.1	8,574	89.4	925.8	616.4
Misc. manufacturing industries	85	3,487	67.8	87	3,373	37.8	2,448	24.9	216.3	92.6

D Withheld to avoid disclosure. [1] See text, page 388. [2] Average for year. [3] See footnote 6, table 1334. [4] For establishments with 10 or more employees [5] Represents net selling value, f.o.b. plant. Excludes freight charges and excise taxes. Includes extensive duplication arising from shipments between establishments in the same industry.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, Manufactures, 1982, Puerto Rico,* series *OAC82-4.*

No. 1456. Puerto Rico—Construction Summary: 1977 and 1982

[Money figures in millions of dollars. Employer establishments only]

Industry (Based on 1972 Standard Industrial Classification System) [1]	1977			1982				
	Establishment	Employees [2]	Total receipts [3]	Establishments	Total receipts [3]	Payroll entire year	Employees [2]	Value added [4]
Construction [5]	**1,692**	**36,154**	**931**	**1,394**	**1,190**	**224**	**29,228**	**468**
General building contractors and operative builders	777	20,281	555	494	606	107	14,620	185
General contractors, residential buildings	576	9,847	(D)	319	(S)	(S)	7,265	(S)
Single-family houses	548	8,256	162	286	(S)	(S)	4,973	(S)
Operative builders	70	3,109	145	48	(S)	(S)	2,237	(D)
General contractors, nonresidential buildings	131	7,325	(D)	127	167	40	5,118	76
Heavy construction, general contractors	156	5,164	151	173	238	44	4,970	(D)
Special trade contractors [5]	705	9,515	202	706	334	72	9,534	154
Plumbing, heating, air-conditioning	132	1,361	39	125	70	16	1,704	28
Painting, paper hanging, decorating	52	585	(D)	42	(S)	(S)	589	(S)
Electrical work	134	2,163	51	162	92	21	2,443	43
Concrete work	45	922	19	63	36	7	1,200	14
Subdividers and developers, n.e.c. [6]	54	1,194	23	21	12	1	104	(D)

D Withheld to avoid disclosures. S Withheld because estimates did not meet publication standards on the basis of either response rate or a consistency review. [1] See text, p. 388. [2] Average for year. [3] Total business receipts. [4] All business receipts less payments for materials, components, supplies, and fuels, and for construction work subcontracted to others. [5] Includes industries not shown separately.
[6] N.e.c. means not elsewhere classified.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, 1977* and *1982 Construction Industries, Puerto Rico,* series OAC77-3 (revised), and OAC 82-3.

No. 1457. Puerto Rico—Merchandise Imports and Exports: 1970 to 1984

[In millions of dollars]

Item	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Imports	2,681	3,593	4,961	4,885	5,928	6,200	6,918	7,834	9,018	9,329	8,167	8,708	10,116
From U.S.	2,070	2,623	2,945	3,029	3,677	3,552	4,391	4,788	5,345	5,801	5,300	5,162	5,738
From other	611	970	2,016	1,856	2,251	2,649	2,527	3,046	3,673	3,528	2,867	3,546	4,378
Exports	1,680	2,727	3,275	3,000	3,735	4,516	5,123	6,539	6,576	7,047	8,888	8,242	9,426
To U.S.	1,563	2,479	2,871	2,633	3,298	4,009	4,499	5,720	5,643	6,024	7,624	6,936	8,074
To other	117	248	404	367	437	507	624	819	933	1,023	1,264	1,306	1,352

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States,* annual; *U.S. Trade with Puerto Rico and U.S. Possessions, FT 800;* and *Highlights of U.S. Export and Import Trade,* FT990.

No. 1458. Puerto Rico, Guam, and Virgin Islands—Government Summary: 1982

Item	Unit	Puerto Rico		Guam	Virgin Islands
		Commonwealth	Municipalities		
Number of governments	Number	1	78	1	1
Gross assessed value [1]	Mil. dol	7,705.8	7,705.8	711.4	2,165.5
Real property	Mil. dol	5,118.9	5,118.9	711.4	2,165.5
Personal property	Mil. dol	2,586.9	2,586.9	–	–
Employment, total	Number	185,000	37,500	10,327	12,985
Rate [2 3]	Number	579	117	974	1,345
Full-time employees	Number	(NA)	(NA)	9,393	12,657
Full-time equivalent	Number	(NA)	(NA)	9,730	12,759
October payrolls total	$1,000	98,200	21,700	12,829	14,127
Average October earnings	$1,000	(NA)	(NA)	1,242	1,088
Full-time employees	$1,000	(NA)	(NA)	1,317	1,105
Instructional employees	$1,000	(NA)	(NA)	1,531	1,410
Other	$1,000	(NA)	(NA)	1,277	1,049
Revenue, total	Mil. dol	5,877.5	346.9	278.6	665.2
Per capita [3]	Dollar	1,839	109	2,629	6,889
Intergovernmental	Mil. dol	1,184.1	58.0	61.0	320.9
Taxes	Mil. dol	1,940.2	289.0	118.9	187.0
Utility	Mil. dol	1,316.7	(NA)	61.0	61.8
Other	Mil. dol	1,436.6	–	37.7	95.6
Expenditure, total	Mil. dol	5,695.6	305.1	450.6	668.6
Per capita [3]	Dollar	1,782	95	4,252	6,923
Current operations	Mil. dol	1,813.4	279.9	373.1	531.3
Capital outlay	Mil. dol	518.5	(NA)	50.4	68.8
Other	Mil. dol	3,363.7	25.2	27.2	68.4

– Represents zero. NA Not available. [1] For 1981. [2] Per 10,000 population. [3] Based on enumerated population as of April 1, 1980.

Source: U.S. Bureau of the Census, *1982 Census of Governments,* vol. 6 No. 2, *Topical Studies.*

No. 1459. Puerto Rico, Guam, and Virgin Islands—Agriculture: 1978 and 1982

[1 cuerda=.97 acre. Tons specified are short tons]

ITEM	1978	1982	ITEM	1978	1982	ITEM	AMOUNT HARVESTED [1] Unit	1978	1982	SALES ($1,000) 1978	1982
PUERTO RICO											
Farms	18,992	21,820	Tenure of operator:			Dairy products	(X)	(X)	(X)	131,485	152,126
Percent by size—			Percent—			Poultry [2]	(X)	(X)	(X)	26,950	45,945
Less than 10 cuerdas	37.0	45.1	Full-owners	77.0	79.3	Coffee	1,000 cwt.[3]	178.9	243.9	26,387	39,302
10 to 19 cuerdas	25.2	20.9	Part-owners	15.0	11.5	Cattle and calves	(X)	(X)	(X)	18,945	28,579
20 to 49 cuerdas	20.6	18.0	Managers	2.2	1.8	Sugarcane	1,000 tons	2,925	1,462	39,530	26,663
50 to 99 cuerdas	7.4	7.1	Tenants	5.8	7.4	Fruits/nuts	(X)	(X)	(X)	10,686	14,060
100 to 174 cuerdas	4.1	3.9	Avg. cuerda size—	33.8	31.1	Grains and farinaceous crops	(X)	(X)	(X)	5,891	9,713
175 or more cuerdas	5.7	5.0	Full-owners								
Cuerdas in farms	979,603	982,457	Part-owners	101.6	99.3	Vegetables	(X)	(X)	(X)	2,338	9,547
			Managers	182.0	122.8						
			Tenants	106.5	90.8						
GUAM											
Farms	1,999	2,044	Tenure of operator:			Chicken eggs	(X)	(X)	(X)	1,293.3	792.1
Percent by size—			Percent—			Cucumbers	1,000 lbs.	118.8	658.2	16.7	217.8
Less than 1 acre	(NA)	45.4	Full-owners	80.5	78.0	Fish	(X)	(X)	(X)	5.3	121.3
1 to 2 acres	(NA)	36.4	Permittees	4.7	11.6	Hogs and pigs	(X)	(X)	(X)	69.1	117.2
3 to 7 acres	(NA)	10.5	Tenants	5.8	6.8						
8 or more acres	(NA)	7.8	Part-owners	1.6	1.3	Watermelons	1,000 lbs.	387.9	422.5	92.1	115.6
			Nonpermittees	5.8	1.1	Green beans	1,000 lbs.	89.4	143.2	23.2	81.8
Acres in farms	28,619	26,662	Others	1.7	1.2	Tomatoes	1,000 lbs.	30.6	105.1	5.1	64.3
VIRGIN ISLANDS											
Farms	378	303	Tenure of operator:			Milk	(X)	(X)	(X)	1,074.1	922.6
Percent by size—			Pecent—			Cattle and calves.	(X)	(X)	(X)	395.3	488.6
Less than 3 acres	24.1	24.8	Full-owners	78.0	80.3	Poultry [2]	(X)	(X)	(X)	211.7	315.6
3 to 9 acres	38.9	37.6	Part-owners	7.9	10.9	Hogs and pigs	(X)	(X)	(X)	31.5	130.0
10 to 19 acres	14.3	10.6	Tenants	7.4	7.9	Bananas	1,000 bunches.	3.2	11.5	5.3	62.6
20 or more acres	22.8	27.1	Managers	6.6	1.0	Onions	(X)	(X)	(X)	4.4	51.4
Acres in farms	24,397	20,824				Mangoes	1,000	111.5	209.8	18.8	48.5

NA Not available. X Not applicable. [1] Includes amounts not sold. [2] Includes poultry products.
[3] Cwt=hundredweight (100 lbs.)

Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1, parts 52, 53, and 54.

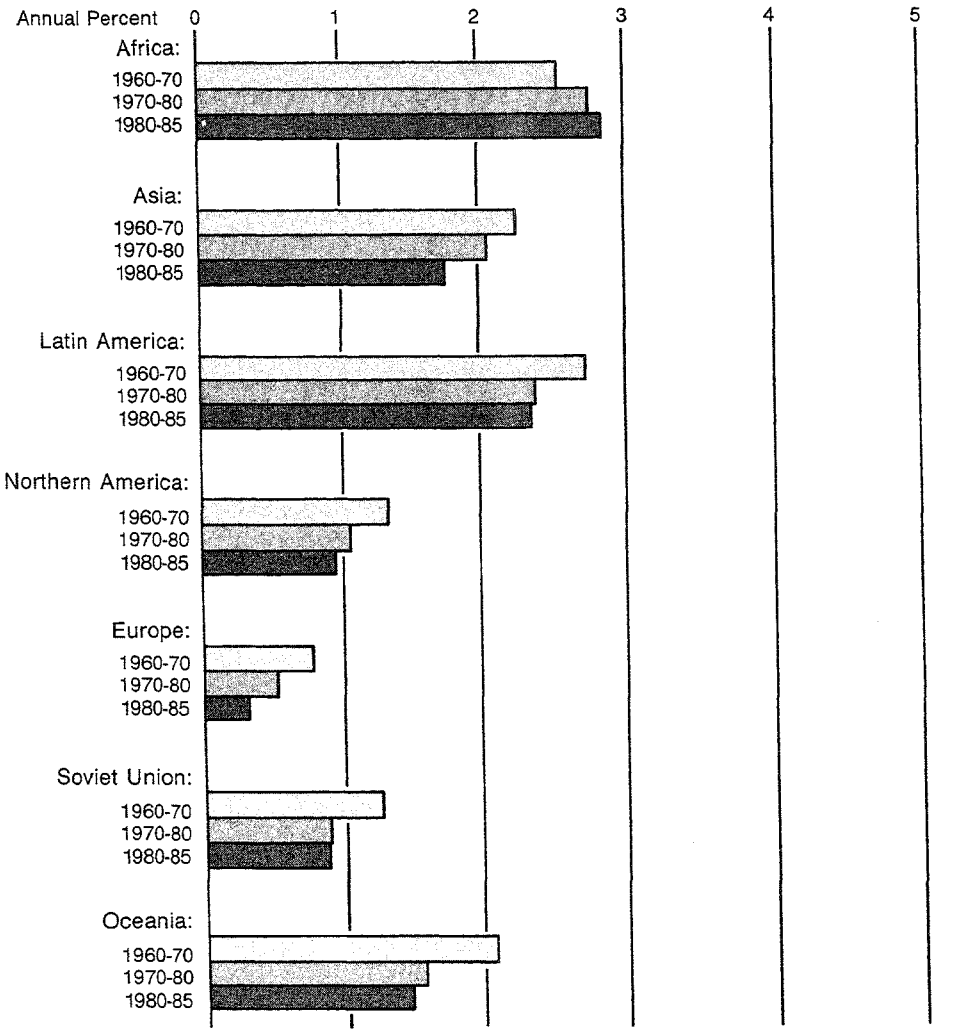
No. 1460. Guam, Virgin Islands, and Northern Mariana Islands—Economic Summary: 1982

[Sales and payroll in millions of dollars]

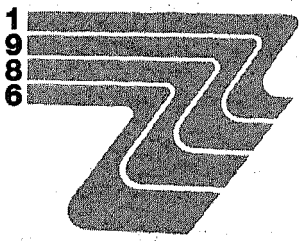
ITEM	Guam	Virgin Islands	No. Mariana Islands	ITEM	Guam	Virgin Islands	No. Mariana Islands
Total: Establishments	1,377	2,588	466	**Wholesale trade:**			
Sales	(D)	(D)	134.9	Establishments	89	104	11
Annual payroll	115.6	228.5	19.9	Sales	164.9	197.4	28.5
Paid employees [1]	11,871	19,132	3,945	Annual payroll	12.8	18.7	1.4
Unpaid family workers [2]	507	511	269	Paid employees [1]	981	1,363	364
Construction: Establishments	61	150	42	Unpaid family workers [2]	12	14	1
Sales	60.2	142.0	22.2	**Retail trade:**			
Annual payroll	16.3	46.3	3.7	Establishments	802	1,191	258
Paid employees [1]	1,383	3,283	732	Sales	412.9	489.2	56.7
Unpaid family workers [2]	14	23	14	Annual payroll	46.6	57.9	7.4
Mfg.: Establishments	22	71	8	Paid employees [1]	5,400	6,980	1,490
Sales	(D)	(D)	2.1	Unpaid family workers [2]	401	357	199
Annual payroll	8.4	63.1	.5	**Services.:** [3] Establishments	403	1,072	147
Paid employees [1]	638	2,830	97	Sales	118.9	146.7	25.4
Unpaid family workers [2]	-	6	-	Annual payroll	31.5	42.6	6.9
				Paid employees [1]	3,469	4,676	1,262
				Unpaid family workers [2]	80	111	55

- Represents zero. D Withheld to avoid disclosure of information pertaining to a specific organization. [1] For pay period including March 12. [2] Includes those who worked 15 hours or more during the week including March 12. [3] Includes travel agencies, dental labs; and legal, engineering, architectural and surveying services.

Figure 33.1
World Population—Annual Growth Rate, by Continent: 1960 to 1985



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1463.



Section 33

Comparative International Statistics

This section presents statistics for the world as a whole and for many countries on a comparative basis with the United States. Selected data are shown for area and population, births and deaths, social and industrial indicators, finances, agriculture, transportation and communication, and military affairs.

The principal sources for these data are the United Nations *Statistical Yearbook* and the U.S. Bureau of the Census annual publication *World Population.* Statistics of the individual nations may be found primarily in official national publications, generally in the form of yearbooks, issued by most of the nations at various intervals in their own national languages, expressed in their own or customary units of measure. For handier reference, especially for international comparisons, the Statistical Office of the United Nations compiles data as submitted by member countries and issues a number of international summary publications, generally in English and French. Among these are the *Statistical Yearbook;* the *Demographic Yearbook;* the *Yearbook of International Trade Statistics;* the *Yearbook of National Accounts Statistics: Vol. II, International Tables; Population and Vital Statistics Reports* (quarterly); the *Monthly Bulletin of Statistics;* and *Energy Statistics Yearbook.* Specialized agencies of the United Nations also issue international summary publications on agricultural, labor, and education statistics. Among these are the *Production Yearbook* and *Trade Yearbook* issued by the Food and Agriculture Organization, the *Yearbook of Labour Statistics* issued by the International Labour Office, and the *Statistical Yearbook* issued by the Educational, Scientific, and Cultural Organization.

The Bureau of the Census, in *Country Demographic Profiles,* series ISP-30, presents data on individual countries for both a recent census year and the current period; and in the annual *World Population* series, estimates of basic demographic measures for countries and regions of the world. The *International Population Statistics Reports,* series P-90 and P-91, issued by the Bureau of the Census, also present population figures for many foreign countries. More detailed population statistics are also available from the Bureau of the Census' computerized data system, the International Data Base.

The U.S. Arms Control and Disarmament Agency and the International Monetary Fund (IMF) also compile data on international statistics. In its *World Military Expenditures and Arms Transfers,* published annually, the Arms Control and Disarmament Agency presents data on various economic indicators, as well as basic military data. Among the topics presented have been military expenditures, gross national product, imports and exports, and armed forces, by region and/or country. The IMF publishes a series of reports relating to financial data. These include *International Financial Statistics, Direction of Trade,* and *Balance of Payments Yearbook,* published in English, French, and Spanish.

Statistical coverage, country names, and classifications.—Problems of space and availability of data limit the number of countries and the extent of statistical coverage shown. The list of countries included is based almost entirely on a U.S. Department of State list of sovereign nations, dependencies, and areas of special sovereignty published by the U.S. Department of State in *Status of the World's Nations.* Country names are shown here as specified in that publication. In the few cases where a lack of comparability exists between State Department and United Nations' terminology, the State Department's preferences are used.

The countries and regions in tables 1463, 1464, 1466, and 1467 are classified as either "more developed" or "less developed," according to a *regional* classification system used by the Census Bureau in its *World Population: 1985.* The system is based on the assumption that, within regions, levels of such factors as industrial development, literacy rate, gross reproduction rate, per capita income, etc., are somewhat constant. "More developed" countries comprise Japan, Australia, New Zealand, the Soviet Union, and those countries in Northern America and Europe. All others are "less developed".

Economic associations.—The Organization for European Economic Co-operation (OEEC), a regional grouping of Western European countries established in 1948 for the purpose of harmonizing national economic policies and conditions, was succeeded on September 30, 1961, by the Organization for Economic Cooperation and Development (OECD). The member nations of the OECD are

Australia, Austria, Belgium, Canada, Denmark, Finland, France, Federal Republic of Germany, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States, plus Yugoslavia in special status category.

Quality and comparability of the data.—The quality and comparability of the data presented here are affected by a number of factors:

(1) The year for which data are presented may not be the same for all subjects for a particular country, or for a given subject for different countries, though the data shown are the most recent available. All such variations have been noted. The data shown are for calendar years except as otherwise specified.

(2) The bases, methods of estimating, methods of data collection, extent of coverage, precision of definition, scope of territory, and margins of error may vary for different items within a particular country, and for like items for different countries. Footnotes and headnotes to the tables give a few of the major time-period and coverage qualifications attached to the figures; considerably more detail is presented in the source publications. Many of the measures shown are, at best, merely rough indicators of magnitude.

(3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Disagreements may be attributable to the use of differing original sources, a difference in the definition of geographic limits (the 50 States, conterminous United States only, or the United States including certain outlying areas and possessions), or to possible adjustments made in the United States figures by the United Nations or other sources in order to make them more comparable with figures from other countries.

International comparisons of national accounts data.—In order to compare national accounts data for different countries, it is necessary to convert each country's data into a common unit of currency, usually the U.S. dollar. The market exchange rates which are often used in converting national currencies do not necessarily reflect the relative purchasing power in the various countries. For example, using table 1473, it should not be concluded that Switzerland's individual standard of living in 1983 was 11 percent higher than that of the U.S., or that the United Kingdom's was 43 percent lower, as the statistics may imply. It is obviously necessary that the goods and services produced in different countries should be valued consistently if the differences observed are meant to reflect real differences in the volumes of goods and services produced. The use of purchasing power parities (see table 1474) instead of exchange rates is intended to achieve this objective.

The method used to present the data shown in table 1474 is to construct volume measures directly by revaluing the goods and services sold in different countries at a common set of international prices. By dividing the ratio of the gross domestic products of two countries expressed in their own national currencies by the corresponding ratio calculated at constant international prices, it is possible to derive the implied purchasing power parity (PPP) between the two currencies concerned. PPP's show how many units of currency are needed in one country to buy the same amount of goods and services which one unit of currency will buy in the other country. For further information, see *National Accounts, Main Aggregates,* volume I, issued annually by the Organization for Economic Cooperation and Development, Paris, France.

Conversion factors.—To facilitate comparison in terms of familiar units, some items shown in metric units in the source have been converted to U.S. equivalents by means of the abbreviated conversion factors shown below. Additional conversion factors appear on p. xiv.

Conversion Factors

Metric units	*U.S. equivalents*
1 square kilometer	0.3861 sq. mile
1 metric ton (1,000 kilograms)	1.1023 short tons
1 cubic meter	35.3147 cubic feet

No. 1461. World Summary: 1970 to 1984

[See text, p. 832, for general comments concerning quality of the data]

Item	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984
Population	Millions	3,678	4,033	4,284	4,378	4,453	4,530	4,607	4,685	4,763
Agriculture, forestry, and fishing:										
Barley	Mil. metric tons	126	140	181	158	160	155	162	169	172
Coffee	Mil. metric tons	3.9	4.7	4.7	5.0	4.8	6.1	5.0	5.6	5.2
Corn	Mil. metric tons	278	346	390	420	398	450	448	348	449
Cotton (lint)	Mil. metric tons	11.8	12.3	13.2	13.9	14.0	15.3	14.8	14.4	17.8
Meats	Mil. metric tons	(NA)	(NA)	133	138	132	135	137	141	143
Peanuts (groundnuts)	Mil. metric tons	18.5	19.7	18.7	18.8	18.4	19.3	18.5	18.6	18.3
Potatoes	Mil. metric tons	288	259	275	288	264	289	287	287	312
Rice	Mil. metric tons	316	358	385	377	399	412	424	450	470
Tobacco	Mil. metric tons	4.7	5.4	5.7	5.4	5.3	6.0	6.9	6.0	6.2
Wheat	Mil. metric tons	318	360	449	429	446	455	485	495	522
Wool, greasy	Mil. metric tons	(NA)	(NA)	2.7	2.7	2.8	2.8	2.9	2.9	2.9
Roundwood	Mil. cubic meters	2,614	2,751	2,955	3,095	2,966	2,963	2,966	3,042	(NA)
Fish catches	Mil. metric tons	68.0	68.7	70.4	71.3	72.0	74.8	76.5	76.5	(NA)
Industrial production:										
Wine	*Mil. metric tons*	(NA)	(NA)	(NA)	*37.6*	*35.4*	*31.6*	*37.3*	*35.1*	*32.6*
Sugar	Mil. metric tons	72.9	81.5	90.3	88.5	84.0	92.8	102.6	97.8	99.1
Wheat flour	Mil. metric tons	121.2	125.2	136.2	133.6	137.2	138.7	139.1	(NA)	(NA)
Coal	Mil. metric tons	2,143	2,364	2,543	2,686	2,728	2,728	2,829	2,829	2,997
Lignite and brown coal	Mil. metric tons	793	863	956	985	1,005	1,034	1,069	1,091	1,126
Crude petroleum [1]	Bil. bbl	15.7	19.3	21.9	22.8	21.8	20.4	19.6	19.3	(NA)
Natural gas (dry) [1]	Tril. cu. ft	37.5	44.1	48.7	51.9	53.6	54.2	53.7	54.2	(NA)
Electricity	Bil. kWh	4,962	6,527	7,685	7,999	8,247	8,397	8,477	8,797	8,976
Iron ore	Mil. metric tons	421	523	502	736	743	708	695	675	689
Pig iron and ferroalloys	Mil. metric tons	440	489	520	540	531	520	465	495	504
Tin [2]	1,000 metric tons	184	178	212	233	227	228	229	230	237
Crude steel	Mil. metric tons	594	644	713	739	704	693	626	665	678
Cement	Mil. metric tons	(NA)	(NA)	711	859	867	872	876	880	889
Non-cellulosic fibers [2]	Mil. metric tons	4.9	7.4	10.0	10.6	10.5	10.8	10.1	11.1	9.5
Sawnwood	Mil. cubic meters	413	402	442	451	438	419	410	448	(NA)
Woodpulp	Mil. metric tons	97.2	97.9	118.4	118.7	121.1	120.6	115.8	123.5	(NA)
Newsprint	Mil. metric tons	21.6	21.0	24.1	25.3	26.1	27.3	25.6	26.4	(NA)
Merchant vessels, launched [2]	Mil. gross tons	21.7	35.9	18.2	11.5	13.6	17.0	17.2	14.6	(NA)
Motor vehicles	Millions	29.3	33.0	43.6	41.6	38.9	37.2	40.7	(NA)	(NA)
External trade:										
Imports, c.i.f.	Bil. U.S. dollars	329	902	1,354	1,689	2,057	2,043	1,926	1,880	1,964
Exports, f.o.b.	Bil. U.S. dollars	314	874	1,302	1,643	1,995	1,974	1,850	1,809	1,897
Transport:										
Railway freight	Bil. metric ton-km	(NA)	(NA)	6,550	6,635	6,766	6,797	6,775	(NA)	(NA)
Merchant shipping, freight [3]	Mil. metric tons	(NA)	(NA)	3,622	3,625	3,750	3,555	3,289	(NA)	(NA)
Civil aviation, kilometers flown [4]	Millions	4,353	4,670	8,500	9,150	9,440	9,030	9,010	(NA)	(NA)

NA Not available. [1] Source: U.S. Energy Information Administration, *International Energy Annual* and *Monthly Energy Review*. [2] Excludes China: Mainland. Tin and merchant vessels exclude Soviet Union. For other exclusions, see source. [3] Freight loaded. [4] Scheduled services of members of International Civil Aviation Organization. Excludes Soviet Union.

Source: Except as noted, Statistical Office of the United Nations, New York, NY, *Monthly Bulletin of Statistics*. (Copyright.)

No. 1462. World Population, 1970 to 1985, and Area, 1985, by Size of Country

[Covers only countries listed in table 1466. See headnote, table 1466]

Population class in 1985	Population				1985					
	1970		1980		Countries		Population		Area	
	Total (mil.)	Percent of total	Total (mil.)	Percent of total	Total number	Percent of total	Total (mil.)	Percent of total	Total (1,000 sq. mi.)	Percent of total
Total	3,720	100.0	4,472	100.0	173	100.0	4,864	100.0	51,448	100.0
Under 1 million	11	.3	14	.3	42	24.3	15	.3	411	.8
1–5 million	80	2.1	100	2.2	40	23.1	111	2.3	4,133	8.0
5–10 million	166	4.5	198	4.4	30	17.3	220	4.5	4,534	8.8
10–25 million	359	9.6	442	9.9	30	17.3	490	10.1	9,375	18.2
25–50 million	331	8.9	400	8.9	12	6.9	441	9.1	8,847	17.2
Over 50 million	2,773	74.6	3,317	74.2	19	11.0	3,587	73.7	24,148	46.9

Source: Compiled from data in U.S. Bureau of the Census, *World Population 1985*, forthcoming, and unpublished data.

No. 1463. World Population and Growth, by Continent and Region: 1960 to 1985

[For explanation of "more developed" and "less developed" categories, see text, p. 831]

Continent and region	Midyear population (millions)							Annual rate of growth [1] (percent)				
	1960	1965	1970	1975	1980	1984	1985	1960–1965	1965–1970	1970–1975	1975–1980	1980–1985
World total	3,049	3,358	3,721	4,103	4,473	4,787	4,865	1.9	2.1	2.0	1.7	1.7
More developed regions	945	1,002	1,049	1,096	1,136	1,166	1,173	1.2	.9	.9	.7	.6
Less developed regions	2,104	2,356	2,672	3,007	3,336	3,621	3,692	2.3	2.5	2.4	2.1	2.0
Percent of world	69	70	72	73	75	76	76	(x)	(x)	(x)	(x)	(x)
Africa [2]	293	330	375	427	491	551	566	2.4	2.5	2.6	2.8	2.9
Asia	1,685	1,871	2,112	2,364	2,593	2,785	2,831	2.1	2.4	2.3	1.8	1.8
More developed regions	94	99	104	112	117	120	121	1.0	1.1	1.3	.9	.7
Less developed regions	1,591	1,772	2,008	2,252	2,476	2,665	2,710	2.2	2.5	2.3	1.9	1.8
East Asia [3]	796	874	992	1,104	1,182	1,237	1,248	1.9	2.5	2.2	1.4	1.1
South Asia [3]	889	998	1,120	1,260	1,411	1,548	1,583	2.3	2.3	2.3	2.3	2.3
Latin America [2]	218	250	286	324	364	400	410	2.8	2.7	2.5	2.3	2.3
Middle America [2 3]	51	60	70	81	93	103	106	3.1	3.1	3.0	2.7	2.6
Caribbean [2 3]	20	23	25	27	29	31	31	2.2	1.9	1.8	1.4	1.4
South America [2 3]	146	168	191	216	242	266	273	2.7	2.6	2.4	2.3	2.4
Northern America [3 4]	199	214	226	239	252	262	264	1.5	1.1	1.1	1.1	.9
Europe [4]	425	444	460	474	484	491	492	.9	.7	.6	.4	.3
Soviet Union [4]	214	231	243	254	266	275	278	1.5	1.0	.9	.9	.9
Oceania	16	17	19	21	23	24	24	2.1	2.1	1.9	1.3	1.5
Australia and New Zealand [4]	13	14	15	17	18	19	19	2.0	1.9	1.7	1.0	1.3
Less developed regions	3	3	4	4	5	5	5	2.7	2.7	2.5	2.4	2.2

X Not applicable. [1] Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Less developed region. [3] For component countries, see table 1467. [4] More developed region.

Source: U.S. Bureau of the Census, *World Population 1985*, forthcoming; and unpublished data.

No. 1464. World Population Characteristics, 1975 to 1985, and Projections to 2000

[See headnote, table 1465. For explanation of "more developed" and "less developed" categories, see text, p. 831]

Item	Unit	1975	1980	1983	1984	1985	1990	1995	2000
World total	**Millions**	4,103	4,473	4,710	4,787	4,865	5,271	5,708	6,159
Population per sq. mi	Number	78	85	90	91	93	101	109	117
Males	Millions	2,056	2,244	2,363	2,403	2,443	2,649	2,870	3,099
Females	Millions	2,047	2,229	2,345	2,383	2,422	2,622	2,837	3,061
Under 5 years old	Percent	13.6	12.3	12.0	11.9	11.8	11.4	11.2	10.8
5 to 14 years old	Percent	23.5	23.4	22.5	22.2	21.9	20.6	20.0	19.6
15 to 64 years old	Percent	57.4	58.6	59.8	60.2	60.6	62.1	62.6	63.0
65 years old and over	Percent	5.5	5.7	5.7	5.7	5.7	6.0	6.3	6.6
Median age	Years	21.6	22.4	22.9	23.1	23.3	24.2	25.3	26.4
More developed regions	Millions	1,096	1,136	1,159	1,166	1,173	1,208	1,240	1,268
Less developed regions	Millions	3,007	3,336	3,551	3,621	3,692	4,063	4,468	4,891

Source: U.S. Bureau of the Census, *World Population 1985*, and unpublished data.

No. 1465. World Vital Statistics and Life Expectancy: 1965 to 2005

[Source of data presents 3 variants or series of projections: Medium, high, and low. Figures shown here are for the *medium* variant. Data shown are annual averages]

Item	Unit	1965–1970	1970–1975	1975–1980	1980–1985	1985–1990	1990–1995	1995–2000	2000–2005
World growth rate	Percent	2.1	2.0	1.8	1.7	1.6	1.6	1.5	1.4
Crude birth rate [1]	Per 1,000 population	35.1	32.7	28.9	27.3	26.1	25.2	24.1	22.5
Crude death rate [1]	Per 1,000 population	14.5	12.7	11.4	10.6	10.0	9.5	9.1	8.7
Total fertility rate [2]	Number	4.9	4.5	3.9	3.6	3.3	3.1	3.0	2.8
Life expectancy at birth, both sexes	Years	52.6	55.4	57.3	58.9	60.4	61.9	63.5	64.8
Male	Years	51.3	54.0	55.9	57.5	59.0	60.5	61.9	63.2
Female	Years	53.9	56.8	58.8	60.3	61.9	63.5	65.1	66.4

[1] See headnote, table 1468. [2] Total fertility rate: Average number of children that would be born per woman if all women lived to the end of their childbearing years and, at each year of age, they experienced the birth rates occurring in the specified year.

Source: Population Division of the United Nations, New York, NY, *World Population Prospects: Estimates and Projections as Assessed in 1982*, 1985.

NO. 1466. POPULATION AND AREA, BY REGION AND COUNTRY

[Population data generally are de facto figures for the present territory. Population estimates were derived from information available as of mid-1985. See table 1467 for country components of regions. See text, p. 832, for general comments concerning the data. For details of methodology, coverage, and reliability, see sources. Minus sign (−) indicates decrease]

COUNTRY AND STATUS OF DEVELOPMENT ● = More developed ★ = Less developed	LATEST POPULATION CENSUS [1]		MIDYEAR POPULATION ESTIMATES					Population per sq. mile, 1985	Area [3] (sq. mile)
			Number (1,000)			Avg. annual percent change [2]			
	Year	Number (1,000)	1970	1980	1985	1970–1980	1980–1985		
World total	(x)	(x)	**3,720,759**	**4,472,795**	**4,865,155**	**1.8**	**1.7**	**93**	**52,426,568**
Africa	(x)	(x)	374,588	491,063	566,363	2.7	2.9	48	11,710,634
Northern America [4]	(x)	(x)	226,483	251,922	264,147	1.1	.9	32	8,306,776
Latin America	(x)	(x)	285,690	364,254	409,589	2.4	2.3	52	7,929,889
Middle America	(x)	(x)	69,744	92,894	105,708	2.9	2.6	110	963,022
Caribbean	(x)	(x)	24,952	29,189	31,271	1.6	1.4	340	91,840
South America	(x)	(x)	190,994	242,171	272,610	2.4	2.4	40	6,875,027
East Asia	(x)	(x)	991,666	1,182,463	1,248,083	1.8	1.1	274	4,550,414
South Asia	*(x)*	*(x)*	*1,120,303*	*1,410,526*	*1,583,141*	*2.3*	*2.3*	*259*	*6,101,493*
Europe	(x)	(x)	459,976	484,412	491,987	.5	.3	261	1,881,935
Soviet Union	(x)	(x)	242,766	265,542	277,504	.9	.9	32	8,649,496
Oceania	(x)	(x)	19,286	22,612	24,340	1.6	1.5	7	3,295,931
COUNTRIES									
●United States	1980	227,061	205,052	227,738	238,631	1.0	.9	66	3,615,105
★Afghanistan	A 1979	15,551	12,431	15,244	15,056	2.0	−.2	60	249,999
●Albania	1979	2,591	2,136	2,671	2,960	2.2	2.1	267	11,100
★Algeria	1977	16,260	13,932	18,840	22,107	3.0	3.2	24	919,591
★Angola	1970	5,646	5,581	6,993	7,948	2.3	2.6	17	481,351
★Argentina	1980	27,947	23,962	28,313	30,708	1.7	1.6	29	1,068,297
●Australia	1981	14,576	12,660	14,616	15,629	1.4	1.3	5	2,967,894
●Austria	1981	7,555	7,426	7,553	7,548	.2	(−z)	233	32,374
★Bahamas, The	1980	210	170	210	231	2.1	1.9	43	5,380
★Bahrain	1981	360	220	348	427	4.6	4.1	1,779	240
★Bangladesh	1981	87,120	67,403	88,061	101,408	2.7	2.8	1,824	55,598
★Barbados	1980	249	239	249	252	.4	.2	1,518	166
●Belgium	1981	9,849	9,638	9,847	9,858	.2	(z)	837	11,781
★Belize	1980	145	122	147	165	1.9	2.2	19	8,867
★Benin	1979	3,331	2,620	3,456	4,015	2.8	3.0	92	43,483
★Bhutan	1969	1,035	1,045	1,280	1,417	2.0	2.0	78	18,147
★*Bolivia*	*1976*	*4,613*	*4,265*	*5,450*	*6,195*	*2.5*	*2.6*	*15*	*424,162*
★Botswana	1981	941	584	902	1,068	4.4	3.4	5	231,804
★Brazil	1980	119,003	95,684	123,033	139,774	2.5	2.6	43	3,286,472
★Brunei	1981	193	126	185	232	3.7	4.5	104	2,226
●Bulgaria	1975	8,728	8,490	8,862	8,974	.4	.3	210	42,823
★Burkina [5]	1975	5,638	5,163	6,138	6,907	1.7	2.4	65	105,869
★Burma	1983	35,314	27,386	33,391	36,919	2.0	2.0	141	261,789
★Burundi	1979	3,984	3,414	4,071	4,673	1.8	2.8	435	10,747
★Cambodia	1962	5,729	7,060	5,692	6,249	−2.2	1.9	89	69,898
★Cameroon	1976	7,132	6,727	8,556	9,737	2.4	2.6	53	183,568
●Canada	1981	24,343	21,324	24,070	25,399	1.2	1.1	7	3,851,790
★Cape Verde	*1980*	*289*	*269*	*289*	*312*	*.7*	*1.5*	*200*	*1,557*
★Central African Republic	1975	2,055	1,827	2,315	2,664	2.4	2.8	11	240,534
★Chad	1964	3,254	3,707	4,439	5,036	1.8	2.5	10	495,753
★Chile	1982	11,275	9,369	11,014	12,042	1.6	1.8	41	292,257
China:									
★Mainland	1982	1,008,175	820,403	983,379	1,037,588	1.8	1.1	280	3,705,390
★Taiwan	1980	17,969	14,598	17,800	19,338	2.0	1.7	1,393	13,885
★Colombia	1973	21,056	21,430	26,474	29,347	2.1	2.1	67	439,735
★Comoros	1980	408	278	406	469	3.8	2.9	560	838
★Congo	1974	1,300	1,183	1,552	1,798	2.7	2.9	14	132,046
★Costa Rica	1973	1,872	1,736	2,296	2,644	2.8	2.8	135	19,575
★*Cuba*	*1981*	*9,724*	*8,543*	*9,658*	*10,105*	*1.2*	*.9*	*229*	*44,218*
★Cyprus	1982	643	615	627	665	.2	1.2	186	3,572
●Czechoslovakia	1980	15,283	14,319	15,255	15,502	.6	.3	314	49,370
●Denmark	1981	5,124	4,929	5,123	5,104	.4	−.1	307	16,629
★Djibouti	1979	260	158	279	297	5.7	1.2	35	8,494
★Dominican Republic	1981	5,648	4,343	5,807	6,614	2.9	2.6	352	18,816
★Ecuador	1982	8,051	6,051	8,123	9,378	2.9	2.9	86	109,483
★Egypt	1976	36,626	33,574	42,239	49,133	2.3	3.0	127	386,660
★El Salvador	1971	3,555	3,562	4,718	4,961	2.8	1.1	603	8,260
★Equatorial Guinea	1960	246	291	300	350	.3	3.1	32	10,830
★Ethiopia	1984	42,019	31,732	38,581	42,266	2.0	1.8	90	471,776
★Fiji	1976	588	521	634	700	2.0	2.0	99	7,055
●Finland	1980	4,785	4,606	4,780	4,906	.4	.5	38	130,119
●France	1982	54,335	50,767	53,870	55,041	.6	.4	261	221,207
★Gabon	1960	800	515	792	988	4.3	4.4	10	103,346

See footnotes at end of table.

No. 1466. Population and Area, by Region and Country—Continued

[See headnote, p. 835]

Country and status of development ● = More developed ★ = Less developed	Latest population census [1]		Midyear population estimates					Population per sq. mile, 1985	Area [3] (sq. mile)
			Number (1,000)			Avg. annual percent change [2]			
	Year	Number (1,000)	1970	1980	1985	1970–1980	1980–1985		
★Gambia, The	1983	696	454	631	751	3.3	3.5	172	4,361
●German Dem. Rep.	1981	16,706	17,070	16,737	16,686	−.2	−.1	399	41,768
●Germany, Fed. Rep. of	1970	60,651	60,714	61,561	60,950	.1	−.2	635	95,976
★Ghana	1984	12,206	8,789	10,842	13,004	2.1	3.6	141	92,099
●Greece	1981	9,740	8,793	9,643	9,921	.9	.6	195	50,944
★Guatemala	1981	6,044	5,262	7,132	8,346	3.0	3.1	199	42,042
★Guinea	1977	4,528	4,009	4,765	5,597	1.7	3.2	59	94,964
★Guinea-Bissau	1979	768	620	784	858	2.3	1.8	62	13,948
★Guyana	1980	759	715	759	768	.6	.2	9	83,000
★Haiti	1982	5,054	4,605	5,279	5,762	1.4	1.7	538	10,714
★Honduras	1974	2,657	2,683	3,778	4,499	3.4	3.5	104	43,277
●Hungary	1980	10,709	10,337	10,711	10,644	.4	−.1	296	35,919
●Iceland	R 1984	240	204	228	241	1.1	1.1	6	39,768
★India [5]	1981	685,185	555,043	688,994	767,681	2.2	2.2	606	1,266,595
★Indonesia	1980	147,490	122,671	154,936	173,103	2.3	2.2	235	735,268
★Iran	1976	33,709	28,933	38,752	45,191	2.9	3.1	71	636,293
★Iraq	1977	12,000	9,414	13,130	15,507	3.3	3.3	92	167,924
●Ireland	1981	3,443	2,955	3,407	3,588	1.4	1.0	132	27,136
★Israel	1983	4,038	2,903	3,767	4,128	2.6	1.8	526	7,847
●Italy	1981	56,557	53,661	56,451	57,116	.5	.2	491	116,303
★Ivory Coast	1975	6,714	5,427	8,259	10,090	4.2	4.0	81	124,503
★Jamaica	1982	2,096	1,942	2,148	2,266	1.0	1.1	535	4,232
●Japan	1980	117,060	104,345	116,807	120,731	1.1	.7	840	143,750
★Jordan	1979	2,100	1,534	2,245	2,668	3.8	3.4	71	37,737
★Kenya	1979	15,327	11,256	16,431	20,194	3.8	4.1	90	224,960
★Korea, Dem. Peo. Rep. of	(X)	(NA)	13,892	17,892	20,082	2.5	2.3	431	46,540
★Korea, Republic of	1980	37,436	32,976	39,565	42,643	1.8	1.5	1,121	38,025
★Kuwait	1985	1,695	748	1,370	1,710	6.1	4.4	249	6,880
★Laos	1985	3,585	2,830	3,292	3,605	1.5	1.8	39	91,429
★Lebanon	S 1970	2,126	2,383	2,649	2,619	1.1	−.2	652	4,015
★Lesotho	1976	1,217	1,067	1,339	1,512	2.3	2.4	129	11,720
★Liberia	A 1974	1,503	1,397	1,898	2,232	3.1	3.2	52	43,000
★Libya	1984	3,637	1,956	3,016	3,752	4.3	4.4	6	679,359
●Luxembourg	1981	365	339	364	366	.7	.1	367	998
★Madagascar	1975	7,604	6,766	8,642	9,941	2.4	2.8	44	226,657
★Malawi	1977	5,547	4,449	6,021	7,056	3.0	3.2	154	45,747
★Malaysia	1980	13,136	10,910	13,764	15,467	2.3	2.3	121	127,316
★Maldives	1977	143	115	153	180	2.9	3.3	1,565	115
★Mali	1976	6,395	5,578	6,919	7,721	2.2	2.2	16	478,764
●Malta	1967	316	326	364	355	1.1	−.5	2,910	122
★Mauritania	1977	1,407	1,254	1,502	1,656	1.8	1.9	4	397,954
★Mauritius	1972	851	830	957	1,011	1.4	1.1	1,280	790
★Mexico	1980	69,979	52,775	70,111	79,662	2.8	2.6	105	761,601
★Mongolia	1979	1,595	1,248	1,663	1,893	2.9	2.6	3	604,247
★Morocco	1982	20,369	15,909	20,545	23,117	2.6	2.4	134	172,413
★Mozambique	1980	11,674	9,304	12,109	13,638	2.6	2.4	44	309,494
★Nepal	1981	15,023	11,919	14,992	16,996	2.3	2.5	313	54,362
●Netherlands	1971	13,060	13,032	14,144	14,481	.8	.5	918	15,770
●New Zealand	1981	3,176	2,811	3,113	3,271	1.0	1.0	32	103,736
★Nicaragua	1971	1,878	2,053	2,755	3,232	2.9	3.2	64	50,193
★Niger	1977	5,098	4,100	5,510	6,491	3.0	3.3	13	489,189
★Nigeria	1963	55,670	66,849	90,035	102,783	3.0	2.6	288	356,667
●Norway	1980	4,091	3,877	4,086	4,152	.5	.3	33	125,181
★Oman	(X)	(NA)	654	978	1,228	4.0	4.6	15	82,030
★Pakistan [7]	1981	84,253	65,706	85,219	99,199	2.6	3.0	320	310,403
★Panama	1980	1,789	1,531	1,956	2,180	2.5	2.2	75	29,208
★Papua New Guinea	1980	3,011	2,288	2,991	3,326	2.7	2.1	19	178,259
★Paraguay	1982	3,035	2,477	3,379	3,989	3.1	3.3	25	157,047
★Peru	1981	17,005	13,193	17,295	19,698	2.7	2.6	40	496,222
★Philippines	1980	48,098	38,680	50,509	56,808	2.7	2.4	490	115,830
●Poland	1978	35,061	32,526	35,578	37,233	.9	.9	308	120,725
●Portugal	1981	9,833	9,044	9,804	10,046	.8	.5	283	35,553
★Qatar	1970	111	113	230	292	7.1	4.8	69	4,247
●Romania	1977	21,560	20,253	22,201	22,734	.9	.5	248	91,699
★Rwanda	1978	4,832	3,757	5,164	6,249	3.2	3.8	615	10,169

See footnotes at end of table.

NO. 1466. POPULATION AND AREA, BY REGION AND COUNTRY—Continued

[See headnote, p. 835]

COUNTRY AND STATUS OF DEVELOPMENT ● = More developed ★ = Less developed	LATEST POPULATION CENSUS [1]		MIDYEAR POPULATION ESTIMATES					Population per sq. mile, 1985	Area [3] (sq. mile)
			Number (1,000)			Avg. annual percent change [2]			
	Year	Number (1,000)	1970	1980	1985	1970-1980	1980-1985		
★Saint Lucia	1980	113	103	115	122	1.1	1.1	513	238
★St. Vincent and the Grenadines	1980	98	88	98	102	1.1	.9	680	150
★Sao Tome and Principe	1970	74	74	94	105	2.5	2.3	282	372
★Saudi Arabia	1974	7,013	6,286	9,420	11,152	4.0	3.4	13	829,996
★Senegal	1976	5,069	4,318	5,765	6,755	2.9	3.2	89	75,750
★Sierra Leone	1974	2,735	2,732	3,419	3,883	2.2	2.5	140	27,699
★Singapore	1980	2,414	2,075	2,414	2,556	1.5	1.1	11,411	224
★Solomon Islands	1976	197	163	228	273	3.4	3.6	25	10,983
★Somalia	1975	3,253	3,667	6,109	7,595	5.1	4.4	31	246,200
★South Africa	1980	27,942	22,543	28,723	32,465	2.4	2.4	69	471,443
●*Soviet Union*	*1979*	*262,436*	*242,766*	*265,542*	*277,504*	*.9*	*.9*	*32*	*8,649,496*
●Spain	1981	37,682	33,876	37,488	38,829	1.0	.7	199	194,896
★Sri Lanka	1981	14,850	12,532	14,900	16,334	1.7	1.8	645	25,332
★Sudan	1983	20,564	13,788	19,038	22,972	3.2	3.8	24	967,495
★Suriname	1980	352	373	352	375	-.6	1.3	6	63,037
★Swaziland	1976	520	440	579	671	2.7	2.9	100	6,704
●Sweden	1980	8,320	8,043	8,310	8,348	.3	.1	48	173,731
●Switzerland	1980	6,366	6,267	6,385	6,457	.2	.2	405	15,941
★Syria	1981	9,156	6,258	8,795	10,535	3.4	3.6	147	71,498
★Tanzania	1978	17,513	13,432	18,541	21,701	3.2	3.1	59	364,898
★Thailand	1980	44,825	37,091	46,866	51,546	2.3	1.9	260	198,456
★Togo	1981	2,705	1,964	2,594	3,023	2.8	3.1	140	21,622
★Tonga	1976	90	83	95	103	1.4	1.5	381	270
★Trinidad and Tobago	1980	1,058	955	1,095	1,186	1.4	1.6	599	1,980
★Tunisia	1984	6,927	5,099	6,487	7,259	2.4	2.2	115	63,170
★Turkey	1980	44,737	35,758	45,121	50,661	2.3	2.3	168	301,381
★Uganda	1980	12,630	9,806	12,763	14,689	2.6	2.8	161	91,134
★United Arab Emirates	1980	1,042	244	985	1,286	14.0	5.3	40	32,278
●United Kingdom	1981	55,848	55,632	56,314	56,423	.1	(Z)	599	94,226
★Uruguay	1975	2,788	2,824	2,887	2,936	.2	.3	43	68,037
★Vanuatu	1979	111	85	115	132	3.0	2.8	23	5,700
★*Venezuela*	1981	14,570	10,604	15,024	17,317	3.5	2.8	49	352,143
★Vietnam	1979	52,742	42,432	53,624	60,492	2.3	2.4	471	128,401
★Western Samoa	1981	158	142	156	163	.9	.9	149	1,097
★Yemen, Peo. Dem. Rep. of	1973	1,590	1,497	1,915	2,209	2.5	2.9	17	128,559
★Yemen Arab Republic	1975	4,520	4,276	5,399	6,159	2.3	2.6	82	75,290
●Yugoslavia	1981	22,425	20,371	22,304	23,124	.9	.7	234	98,766
★Zaire	1984	29,671	20,294	26,682	30,505	2.7	2.7	34	905,563
★Zambia	1980	5,660	4,247	5,771	6,832	3.1	3.4	24	290,584
★Zimbabwe	1982	7,546	5,517	7,338	8,678	2.9	3.4	58	150,803
AREAS OF SPECIAL SOVEREIGNTY AND DEPENDENCIES									
●*Channel Islands*	*1981*	*129*	*122*	*129*	*132*	*.5*	*.5*	*1,760*	*75*
★French Polynesia	1983	167	114	151	175	2.8	3.0	17	10,210
★Gaza Strip	1967	354	336	444	521	2.8	3.2	3,721	140
★Guadeloupe	1982	327	321	327	332	.2	.3	483	687
★Guam	1980	106	86	107	123	2.1	2.8	580	212
★Hong Kong	1981	5,021	3,959	5,038	5,415	2.4	1.4	13,437	403
★Macau	1985	249	245	318	393	2.6	4.2	65,500	6
★Martinique	1982	327	325	326	327	(Z)	.1	769	425
★Namibia	1981	1,010	766	984	1,108	2.5	2.4	3	318,259
★Netherlands Antilles	1981	232	218	231	236	.6	.4	636	371
★New Caledonia	1983	145	112	139	150	2.2	1.5	20	7,358
★*Pacific Is., Trust Terr. of* [8]	*1980*	*116*	*89*	*116*	*130*	*2.6*	*2.3*	*244*	*533*
★Puerto Rico	1980	3,197	2,716	3,206	3,286	1.7	.5	957	3,435
★Reunion	1982	516	445	508	533	1.3	1.0	550	969
★Virgin Islands	1980	97	63	98	107	4.3	1.8	811	132
★West Bank	1967	664	678	834	938	2.1	2.3	415	2,262

NA Not available. X Not applicable. Z Less than .05 percent. [1] For countries in which no recent census has been taken, survey or national registry data (identified respectively as "S" and "R") are shown. For countries in which the unadjusted census returns are not reported, adjusted census returns (identified as "A") are shown. [2] Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. [3] Data from U.S. Department of State, *Status of the World's Nations*, periodic, and Statistical Office of the United Nations, New York, NY, *Demographic Yearbook*. [4] Includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and United States. [5] Formerly Upper Volta. [6] Includes the Indian-held part of Jammu and Kashmir. [7] Excludes the Pakistani-held part of Jammu and Kashmir. [8] Excludes Northern Mariana Islands.

Source: U.S. Bureau of the Census, *World Population 1985*, forthcoming; and unpublished data.

No. 1467. Population Projections, by Region and for Selected Countries: 1990 to 2025

[**In millions.** Source of data presents 3 series of projections. Figures shown here are for *medium series*]

Region and country	1990	1995	2000	2025
World, total	**5,248.5**	**5,679.3**	**6,127.1**	**8,177.1**
More developed [1]	1,208.8	1,242.8	1,275.7	1,396.7
Less developed [1]	4,039.7	4,436.4	4,851.5	6,780.4
Africa	645.3	753.2	877.4	1,642.9
Eastern Africa [2]	189.7	224.7	266.2	531.4
Burundi	5.3	6.1	7.0	11.0
Ethiopia	42.7	50.1	58.4	112.0
Kenya	25.4	31.4	38.5	82.9
Madagascar	11.6	13.4	15.6	29.7
Malawi	8.3	9.8	11.7	23.2
Mozambique	16.2	18.8	21.8	39.7
Rwanda	7.3	8.8	10.6	22.2
Somalia	5.9	6.2	7.1	13.2
Uganda	18.8	22.5	26.8	52.3
Tanzania	27.0	32.5	39.1	83.8
Zambia	7.9	9.4	11.2	23.8
Zimbabwe	10.5	12.6	15.1	32.7
Middle Africa [2]	71.9	83.0	96.1	183.5
Angola	10.0	11.5	13.2	24.5
Cameroon	11.1	12.6	14.4	25.2
Cen. African Rep	2.9	3.3	3.7	6.7
Chad	5.7	6.4	7.3	13.1
Zaire	38.4	44.8	52.4	104.4
Northern Africa [2]	143.8	164.3	185.7	295.0
Algeria	26.0	30.5	35.2	57.3
Egypt	52.7	58.9	65.2	97.4
Libya	4.3	5.2	6.1	11.1
Morocco	27.6	31.9	36.3	59.9
Sudan	24.9	28.7	32.9	55.4
Tunisia	8.1	8.9	9.7	13.6
Southern Africa [2]	42.3	48.1	54.5	90.7
South Africa	36.8	41.6	46.9	76.3
Western Africa [2]	197.6	233.1	275.0	542.4
Benin	4.7	5.4	6.4	12.2
Burkina	8.0	9.1	10.5	19.5
Ghana	15.9	18.7	21.9	37.7
Guinea	6.1	7.0	7.9	13.9
Ivory Coast	11.5	13.4	15.6	28.1
Mali	9.3	10.7	12.4	21.4
Niger	7.1	8.3	9.8	18.9
Nigeria	113.3	135.5	161.9	338.1
Senegal	7.5	8.7	10.0	18.9
Togo	3.4	3.9	4.6	9.0
Latin America	453.2	501.3	550.0	786.6
Caribbean [2]	34.6	37.7	40.8	57.7
Cuba	10.5	11.2	11.7	13.6
Dominican Rep	7.0	7.7	8.4	12.2
Haiti	7.5	8.6	9.9	18.3
Middle America [2]	119.7	134.4	149.6	222.6
El Salvador	6.5	7.5	8.7	15.0
Guatemala	9.7	11.1	12.7	21.7
Honduras	5.1	6.0	7.0	13.3
Mexico	89.0	99.2	109.2	154.1
Nicaragua	3.9	4.5	5.3	9.2
Temperate South America [2]	49.1	52.3	55.5	70.1
Argentina	32.9	35.1	37.2	47.4
Chile	13.1	14.0	14.9	18.8
Uruguay	3.1	3.2	3.4	3.9
Tropical South America [2]	249.8	276.9	304.1	436.3
Bolivia	7.3	8.4	9.7	18.3
Brazil	150.4	165.1	179.5	245.8
Colombia	31.8	34.9	38.0	51.7
Ecuador	10.9	12.7	14.6	25.7
Paraguay	4.2	4.8	5.4	8.6
Peru	22.3	25.1	28.0	41.0
Venezuela	21.3	24.2	27.2	42.8
Northern America [2]	275.2	286.8	297.7	347.3
Canada	27.1	28.3	29.4	34.4
United States	248.0	258.3	268.1	312.7
East Asia [2]	1,317.2	1,390.4	1,470.0	1,696.1
China: Mainland	1,119.6	1,184.2	1,255.7	1,460.1
Hong Kong	6.1	6.6	6.9	7.9
Japan	122.7	125.1	127.7	127.6
Korea, Dem. People's Rep. of	22.4	24.9	27.3	37.6
Korea, Rep. of	43.8	46.8	49.5	58.6
South Asia	1,740.2	1,909.4	2,073.7	2,770.6
Eastern So. Asia [2]	440.4	480.8	519.7	684.7
Burma	44.5	49.8	55.2	82.2
Cambodia	8.4	9.2	9.9	12.5
Indonesia	178.4	191.9	204.5	255.3
Laos	5.0	5.6	6.2	9.2
Malaysia	17.3	19.1	20.6	26.9
Philippines	61.4	68.3	74.8	102.3
Singapore	2.7	2.9	3.0	3.2
Thailand	56.2	61.1	66.1	86.3
Vietnam	65.4	71.7	78.1	105.1
Middle So. Asia [2]	1,169.9	1,279.9	1,385.7	1,815.9
Afghanistan	19.3	21.7	24.2	35.9
Bangladesh	115.2	130.3	145.8	219.4
India	831.9	899.1	961.5	1,188.5
Iran	51.8	58.7	65.5	96.2
Nepal	18.5	20.7	23.0	33.9
Pakistan	113.3	128.0	142.6	212.8
Sri Lanka	18.0	19.5	20.8	26.2
Western So. Asia [2]	129.9	148.7	168.3	270.0
Iraq	18.5	21.6	24.9	42.7
Israel	4.7	5.0	5.4	7.0
Jordan	4.3	5.2	6.4	13.4
Lebanon	3.0	3.3	3.6	5.2
Saudi Arabia	13.5	16.1	18.9	33.5
Syria	12.8	15.3	18.1	32.3
Turkey	56.0	62.4	68.5	99.3
Yemen Arab Rep	7.5	8.6	9.9	16.5
Europe (excl. Soviet Union)	499.5	506.5	513.1	526.9
Eastern Europe	115.7	118.2	121.0	131.2
Bulgaria	9.4	9.6	9.7	10.2
Czechoslovakia	16.0	16.3	16.8	18.8
German Dem. Rep	16.6	16.5	16.6	16.1
Hungary	10.8	10.8	10.9	10.9
Poland	39.0	40.2	41.4	45.9
Romania	23.9	24.8	25.6	29.2
Northern Europe [2]	82.6	83.0	83.4	83.6
Denmark	5.2	5.1	5.1	4.8
Finland	4.9	5.0	5.0	4.8
Ireland	3.8	4.0	4.2	5.2
Norway	4.2	4.2	4.2	4.3
Sweden	8.2	8.2	8.1	7.5
United Kingdom	55.8	56.0	56.2	56.4
Southern Europe [2]	146.4	150.0	153.1	162.8
Albania	3.4	3.8	4.1	5.8
Greece	10.2	10.5	10.7	11.8
Italy	57.4	57.9	58.2	56.9
Portugal	10.4	10.7	11.0	11.9
Spain	40.5	42.0	43.4	49.2
Yugoslavia	23.9	24.6	25.2	26.6
Western Europe [2]	154.8	155.3	155.6	149.3
Austria	7.5	7.5	7.5	7.3
Belgium	9.9	9.9	9.9	9.8
France	55.4	56.3	57.1	58.5
Germany, Fed. Rep. of	60.7	60.3	59.8	53.8
Netherlands	14.7	14.9	15.0	14.6
Switzerland	6.2	6.0	5.9	4.9
Soviet Union	291.3	303.1	314.8	367.1
Oceania [2]	26.7	28.5	30.4	39.5
Australia	16.7	17.7	18.7	23.5
New Zealand	3.4	3.6	3.7	4.2
Papua New Guinea	4.2	4.8	5.3	8.2

[1] Regions. [2] Includes countries not shown separately.

Source: Population Division of the United Nations, New York, NY, *World Population Prospects: Estimates and Projections as Assessed in 1982*, 1985.

NO. 1468. URBAN POPULATION, GROWTH, BIRTH, AND DEATH RATES AND LIFE EXPECTANCY—SELECTED COUNTRIES

[Covers countries with 10 million or more population in 1985. **Growth rate:** Annual increase (or decrease) to the population resulting from a surplus or deficit of births over deaths and a surplus or deficit of migrants into or out of the country, expressed as a percentage of the base population. **Crude birth rate:** Number of births during 1 year per 1,000 persons (based on midyear population). **Crude death rate:** Number of deaths during 1 year per 1,000 persons (based on midyear population). Minus sign (–) indicates decrease]

COUNTRY	URBAN POPULATION		Growth rate of population, 1985 (percent)	Crude birth rate, 1985	Crude death rate, 1985	EXPECTATION OF LIFE AT BIRTH			
	Year or period	Percent of total population				Year or period	Both sexes (yr.)	Male (yr.)	Female (yr.)
United States	1980	74	.8–1.1	15–17	8–9	1983	75	71	78
Afghanistan	1979	15	2.3–2.5	45–48	22–23	1978–79	41	42	40
Algeria	1977	41	3.0–3.3	39–43	10	1980	57	56	59
Argentina	1980	83	1.4–1.6	23–24	9	1975–80	69	65	72
Australia	1981	86	.9–1.2	16	7	1983	75	72	79
Bangladesh	1981	15	2.7–2.8	43–45	16–17	1974–81	47	48	46
Brazil	1980	68	2.3–2.5	31–32	7	1974–75	60	58	63
Burma	1983	24	1.7–2.2	31–35	13–14	(X)	(NA)	(NA)	(NA)
Canada	1981	76	.9–1.0	15	7	1980–82	75	72	79
Chile	1982	81	1.8–1.9	24–25	6	1982	71	68	74
China:									
Mainland	1982	21	.8	16	8	1985	65	64	66
Taiwan	1982	67	1.3–1.5	18–19	5	1981	72	70	75
Colombia	1973	64	1.8–2.4	25–31	7	1973	59	57	61
Cuba	1981	69	1.1	17–18	6	1977–78	73	71	75
Czechoslovakia	1983	74	.2–.4	14–15	11–12	1982	71	67	74
Egypt	1976	44	2.8–2.9	40–41	11–12	1976–77	53	52	53
Ethiopia	1984	11	.4–1.3	39–44	21–25	1980–81	44–46	(NA)	(NA)
France	1982	73	.2–.5	13–14	10	1978–80	74	70	78
German Dem. Rep	1983	77	–.3–.1	14	13–14	1982	72	69	75
Germany, Fed. Rep. of	1981	85	–.5–.2	9–10	11–12	1981–83	74	70	77
Ghana	1970	29	5.4–5.5	41–43	11	1970	48	47	50
Hungary	1984	56	–.3–.1	11–12	13–14	1983	69	66	73
India	1981	23	2.0–2.2	31–34	12	1980	53	53	54
Indonesia	1980	22	1.8–2.4	28–34	10	1976	51	49	52
Iran	1976	47	2.9–3.2	42–45	12	1973–76	58	58	57
Iraq	1977	64	3.0–3.6	43–48	12–14	(X)	(NA)	(NA)	(NA)
Italy	1983	67	.1–.4	10–11	9–10	1977–79	74	71	77
Ivory Coast	1975	32	3.8–4.4	48–49	12–15	1978–79	48–54	48–52	49–56
Japan	1980	76	.5–.6	12–13	6–7	1980–81	76	73	79
Kenya	1979	13	4.0–4.2	51–53	11	1977	54	51	56
Korea, Dem. Peo. Rep. of	(X)	(NA)	2.0–2.5	28–32	7–8	(X)	(NA)	(NA)	(NA)
Korea, Republic of	1980	57	1.4–1.7	21–25	7	1978–79	66	63	69
Malaysia	1980	43	2.1–2.4	28–30	6–7	1970	60	59	62
Mexico	1980	66	2.4–2.6	31–33	6	1979–81	66	63	69
Morocco	1982	43	2.0–2.5	32–39	10–12	1972	51–54	51–54	52–55
Mozambique	1980	15	3.1–3.4	45–48	21–22	1975–80	42–44	41–42	44–45
Nepal	1971	4	2.4–2.5	41–43	17	1976–78	44	45	44
Netherlands	1981	88	.3–.4	11–12	8	1983	76	73	80
Nigeria	1963	16	2.2	46	18	1965–66	39	39	39
Pakistan	1981	28	2.6–2.7	43–44	15	1976	51	51	51
Peru	1981	65	2.5–2.6	34–36	10	1975–80	57	55	59
Philippines	1980	37	2.2–2.3	30–31	7	1975	62	59	64
Poland	1984	60	.7–1.0	18–20	10	1983	71	67	75
Portugal	1981	30	.2–.7	14–15	9–10	1979	71	68	75
Romania	1983	52	.3–.6	14–17	10–11	1976–78	70	67	72
Saudi Arabia	(X)	(NA)	3.2–3.3	41–43	12	(X)	(NA)	(NA)	(NA)
South Africa	1980	53	2.1–2.6	30–35	10	1969–71	54	51	56
Soviet Union	1984	65	.7–1.0	18–20	10–11	1971–72	70	64	74
Spain	1981	91	.4–.9	10–12	8–9	1975	73	70	76
Sri Lanka	1981	22	1.9	27–28	6	1970–72	64	63	66
Sudan	1983	20	2.6–2.8	43–46	17	1968–73	45–47	43–46	46–47
Syria	1981	47	3.5–3.9	45–47	7–8	1975–78	62	62	63
Tanzania	1978	14	2.5–3.2	44–49	16–18	1974	44–45	46	43
Thailand	1980	17	1.6–1.9	24–26	7–8	1974–75	61	58	64
Turkey	1980	44	2.2–2.3	31–33	9	1974–75	57	55	58
Uganda	1969	8	2.7–3.4	45–50	16–17	1969	46	46	47
United Kingdom	1981	90	–.1–.2	13	12	1978–80	73	70	76
Venezuela	1982	77	2.6–2.8	31–33	5–6	1975–80	68	65	71
Vietnam	1979	19	2.2–2.8	32–36	8–10	(X)	(NA)	(NA)	(NA)
Yugoslavia	1981	47	.6–.9	16–17	9–10	1980–81	70	68	73
Zaire	1970	22	2.3–3.0	42–45	14–16	1955–57	37–40	(NA)	(NA)

NA Not available. X Not applicable.

Source: U.S. Bureau of the Census, *World Population 1985*, forthcoming.

NO. 1469. INFANT MORTALITY, HOSPITALS, AND HEALTH PERSONNEL—COUNTRIES

[**Infant mortality rate:** Number of deaths of children under 1 year of age per 1,000 live births in a calendar year. **Hospitals:** Data refer to hospitals and other medical establishments with beds but exclude old people's homes and establishments for custodial or preventive care only. **Health personnel:** Data refer to persons fully qualified from medical or dental schools and working within the country. See text, p. 832, for general comments concerning the data. For additional qualifications of data for individual countries, see source]

COUNTRY	INFANT MORTALITY		HOSPITALS				HEALTH PERSONNEL			
	Year or period	Rate	Year	Number	Beds (1,000)	Population per bed	Year	Physicians	Population per physician	Dentists, number
United States	1984	11	1980	7,051	1,333.4	171	1980	414,976	549	126,420
Afghanistan	1978-79	182	1982	68	4.8	3,470	1982	[1] 1,160	[1] 14,471	[1] [2] 21
Algeria	1982	93	1979	[3] 367	[3] 47.1	[3] 406	1979	6,881	2,760	1,483
Argentina	1979	39	1980	3,186	150.0	188	1975	48,693	530	(NA)
Australia	1981	10	1981	1,142	94.9	157	1981	28,500	524	6,200
Bangladesh	1977-78	148	1981	504	19.7	4,545	1981	10,065	8,908	[2] 248
Brazil	1976	80	1976	5,426	445.8	245	1974	[4] 62,743	1,632	(NA)
Burma	(X)	(NA)	1982	[3] 614	[3] 31.5	[3] 1,140	1981	7,321	4,940	410
Canada	1981	10	1978	1,226	182.8	129	1979	43,192	548	10,000
Chile	1982	25	1980	300	38.0	292	1979	[1] 5,671	[1] 1,926	[1] 1,277
China: Mainland	1973-75	5-80	1983	66,662	2,109.6	493	1983	[5] 587,564	1,769	(NA)
Taiwan [6]	1982	22	1983	11,951	57.4	328	1983	[7] 14,669	1,282	2,683
Colombia	1973	77	1980	849	44.5	609	1977	12,720	1,969	4,407
Cuba	1983	17	1979	[3] 305	[3] 39.8	[3] 246	1979	13,531	722	2,953
Czechoslovakia	1983	16	1982	[3] 578	[3] 192.1	[3] 60	1982	[8] 44,582	345	[8] 7,911
Egypt	1976-77	139	1982	1,524	87.6	509	1982	58,761	760	8,218
Ethiopia	1980-81	144-155	1980	86	11.1	2,787	1980	428	72,582	16
France	1981	10	1982	[3] 961	[3] 318.5	[3] 170	1982	[8] 113,000	480	[8] 31,790
German Dem. Rep.	1983	11	1982	545	171.3	97	1982	35,377	472	10,512
Germany, F.R.	1984	10	1982	3,189	695.6	89	1982	142,934	431	33,501
Ghana	1976-77	95	1979	329	17.0	665	1981	1,665	7,245	95
Hungary	1984	20	1982	(NA)	99.8	107	1982	28,094	390	3,421
India	1978	125	1981	[3] 25,452	[3] 1,066.2	[3] 634	1981	[9] 268,712	[9] 2,545	[9] 8,646
Indonesia	1976	112	1979	998	83.1	1,787	1979	12,400	11,740	2,500
Iran	1974-76	112	1983	581	67.7	601	1983	15,945	2,551	2,340
Iraq	(X)	(NA)	1982	198	24.6	575	1981	7,634	1,772	1,387
Italy	1981	14	1979	1,832	554.6	103	1979	[5] 164,555	346	(NA)
Ivory Coast	1978-79	85-103	1975	(NA)	8.3	589	1975	32.1	15,234	[1] 21
Japan	1979	8	1982	9,403	1,402.0	84	1982	161,260	735	55,680
Kenya	1977	83	1978	(NA)	24.7	601	1978	[9] 1,466	[9] 10,136	[9] 230
Korea, Dem. Peo. Rep. of	(X)	(NA)	1979	(NA)	210.0	83	1979	[5] 40,750	429	(NA)
Korea, Rep. of	1978-79	36	1981	(NA)	63.8	607	1982	28,365	1,366	4,266
Malaysia [10]	1978	29	1981	163	32.1	370	1982	4,234	(NA)	863
Mexico	1979-81	53	1974	1,575	67.4	863	1974	31,571	2,136	[4] 1,879
Morocco	1975-79	91-117	1982	[3] 141	[3] 25.0	[3] 859	1982	1,308	16,355	13
Mozambique	1975-80	159-185	1981	[3] 143	[3] 24.3	[3] 848	1980	309	33,883	[1] [9] 96
Nepal	1976-78	119	1980	68	2.6	5,271	1980	486	28,767	[1] 17
Netherlands	1981	8	1982	808	175.3	82	1982	28,037	510	5,970
Nigeria	1965-66	171	1980	(NA)	61.6	1,251	1980	8,037	9,591	285
Pakistan	1976	132	1982	(NA)	50.3	1,731	1982	[9] 29,931	[9] 2,911	[9] 1,103
Peru	1978-79	91	1977	437	29.9	547	1979	11,682	1,480	3,477
Philippines	1975	65	1980	(NA)	93.4	518	1981	[1] 7,373	[1] 6,713	[1] 1,090
Poland	1983	19	1982	1,060	269.5	134	1982	67,008	541	17,142
Portugal	1979	26	1982	491	51.2	196	1982	[8] 22,009	456	[8] 600
Romania	1983	24	1982	(NA)	[3] 210.1	[3] 107	1982	[1] 36,745	[1] 614	[1] 7,285
Saudi Arabia	(X)	(NA)	1981	[3] 95	[3] 14.5	[3] 645	1981	[1] 3,576	[1] 2,606	[1] 218
South Africa	1969-71	118	1973	788	156.2	152	1978	[9] 14,526	[9] 1,906	[9] 2,369
Soviet Union	1975	31	1980	23,100	3,324.2	80	1980	[5] 995,600	267	(NA)
Spain	1981	10	1981	1,054	189.7	198	1982	[8] 104,759	362	[8] 4,065
Sri Lanka	1979	38	1982	[3] 493	[3] 43.4	[3] 350	1982	[1] 2,035	[1] 7,464	[1] 275
Sudan	1968-73	140-144	1981	160	17.3	1,091	1981	[1] 2,169	[1] 8,714	[1] 334
Syria	1975	81	1981	151	10.3	904	1981	4,165	2,236	1,404
Tanzania [11]	1974	137-143	1977	2,407	33.7	464	1977	960	16,282	[2] 45
Thailand	1974-75	76	1980	714	71.7	658	1980	6,867	6,870	[2] 1,224
Turkey	1974-75	125	1982	668	98.4	471	1982	30,320	1,527	6,778
Uganda	1969	120	1981	485	19.8	689	1961	611	22,291	17
United Kingdom	1981	11	1981	[1] [12] 1,937	[1] [12] 351.5	(NA)	1979	[13] 78,649	[13] 711	(NA)
Venezuela	1975-80	43	1978	444	41.4	317	1978	14,771	888	4,342
Vietnam	(X)	(NA)	1981	[3] 11,550	[3] 202.3	[3] 272	1981	13,517	4,067	[1] [2] 803
Yugoslavia	1983	32	1981	(NA)	136.8	166	1982	35,166	644	7,561
Zaire	1955-57	165-177	1979	942	79.2	322	1979	1,900	13,452	[2] 58

NA Not available X Not applicable. [1] Personnel in government service. [2] Includes non-university level dentists. [3] Government establishments only. [4] Coverage unknown. [5] Includes dentists. [6] Source of health data: U.S. Bureau of the Census. Data from Republic of China, *Statistical Yearbook of the Republic of China, 1984.* [7] Includes Chinese herb doctors. [8] Stomatologists and odontologists included with physicians. [9] Number of registered persons. [10] Health data cover West Malaysia only. [11] Health data cover Mainland Tanzania only. [12] Covers England only. [13] Covers England and Wales only.

Source: Infant mortality—U.S. Bureau of the Census, *World Population 1985,* forthcoming; Health—Statistical Office of the United Nations, New York, NY, *Statistical Yearbook.* (Copyright.)

No. 1470. Suicide Rates for Selected Countries, by Sex and Age Group: 1975 and 1981

[Rate per 100,000 population. Includes deaths resulting indirectly from self-inflicted injuries]

COUNTRY	MALE						FEMALE					
	1975, total	1981					1975, total	1981				
		Total [1]	15-24 yr.	25-44 yr.	45-64 yr.	65 yr. and over		Total [1]	15-24 yr.	25-44 yr.	45-64 yr.	65 yr. and over
United States	**18.9**	**18.0**	**19.7**	**24.5**	**23.7**	**33.5**	**6.8**	**5.7**	**4.6**	**8.0**	**9.4**	**6.0**
Australia [2]	15.2	16.4	17.6	23.1	23.1	25.3	7.0	5.6	4.5	8.1	8.6	7.9
Austria [2]	35.5	42.1	33.6	49.5	60.4	81.6	13.9	14.5	6.8	13.3	21.3	28.2
Denmark	29.9	38.9	17.1	44.9	63.9	74.1	18.4	21.3	5.0	21.4	40.6	35.7
France	22.9	28.5	14.6	30.6	42.0	73.9	9.0	11.1	5.0	11.0	16.0	23.6
Germany, Fed. Rep	27.8	29.6	21.2	33.1	40.5	59.0	14.6	14.4	6.4	12.5	21.3	27.3
Ireland [2]	6.6	8.6	9.7	12.3	11.4	19.0	2.8	2.9	1.8	4.4	6.0	4.0
Israel [2 3]	9.6	8.1	10.8	9.4	12.9	23.4	7.1	3.8	1.2	4.3	6.6	15.9
Japan	21.4	22.0	14.8	25.9	34.5	49.1	14.6	12.4	6.4	11.6	15.9	40.1
Netherlands	10.8	12.2	5.3	14.5	20.7	28.2	7.0	7.9	3.8	8.7	12.9	15.9
Norway	14.2	19.1	20.2	22.5	32.0	22.3	5.6	6.5	3.3	8.0	13.4	6.5
Poland [2]	19.3	21.8	19.5	31.8	34.9	24.7	3.7	4.0	4.3	4.6	6.3	5.8
Sweden	27.7	24.6	14.3	27.1	40.2	39.4	11.2	10.6	4.1	11.6	17.5	16.0
Switzerland	32.5	33.6	33.5	33.4	48.6	64.2	12.9	14.4	10.2	16.5	19.9	23.1
United Kingdom [4]	9.1	11.4	7.0	14.8	17.6	18.3	6.0	6.5	2.1	5.8	11.1	12.5

[1] Includes other age groups not shown separately. [2] 1981 data not available. 1982 data shown for Austria; 1980 data shown for Australia and Israel; and 1979 data shown for Ireland and Poland. [3] Jewish population. [4] England and Wales only.

Source: World Health Organization, Geneva, Switzerland, *World Health Statistics*, annual; and unpublished data.

No. 1471. Public Expenditure for Education and Illiteracy, by Selected Country

[**Expenditure:** Includes both capital and current expenditures on public education and subsidized private education. **Illiteracy:** Defined as inability both to read and write in any, or a specified, language. See text, p. 832, for general comments concerning the data. For additional qualifications for individual countries, see source]

COUNTRY	PUBLIC EXPENDITURE FOR EDUCATION			Percent of adult population illiterate,[1] 1985	COUNTRY	PUBLIC EXPENDITURE FOR EDUCATION			Percent of adult population illiterate,[1] 1985
	Year	Percent of total public expenditure	Percent of gross national product			Year	Percent of total public expenditure	Percent of gross national product	
United States	1981	(NA)	6.8	(NA)	Malaysia	1982	(NA)	57.6	26.6
					Mexico	1983	[3] 6.4	[3] 2.7	[4] 9.7
Afghanistan	1982	6.4	(NA)	76.3	Morocco	1983	22.0	7.5	66.9
Algeria	1982	(NA)	[2] 4.7	50.4	Mozambique	(X)	(NA)	(NA)	62.0
Argentina	1982	14.5	2.5	4.5	Nepal	1982	(NA)	2.5	74.4
Australia	1981	14.5	5.8	(NA)	Netherlands	1982	(NA)	7.7	(NA)
Bangladesh	1983	[3] 8.6	[3] 1.9	66.9	Nigeria	1983	(NA)	[2] 2.1	57.6
Brazil	1983	17.0	3.2	22.3	Pakistan	1983	(NA)	2.0	70.4
Burma	1977	12.2	1.6	(NA)	Peru	1983	14.7	3.3	15.2
Canada	1983	(NA)	8.0	(NA)					
Chile	1982	(NA)	5.8	[4] 5.6	Philippines	1982	(NA)	2.0	14.3
China: Mainland	1982	[5] 10.0	[5] 2.3	30.7	Poland	1982	[5] 8.9	[5 6] 4.1	(NA)
					Portugal	1981	(NA)	4.7	[4] 16.0
Colombia	1983	[3] 21.5	[3] 3.0	11.9	Romania	1983	7.5	2.3	(NA)
Czechoslovakia	1983	(NA)	[5] 5.1	(NA)	Saudi Arabia	1983	10.5	4.7	(NA)
Egypt	1983	8.9	4.1	55.5	South Africa	1976	15.0	4.3	[10] 20.7
Ethiopia	1982	11.3	4.1	[4 7] 44.8	Soviet Union	1983	10.2	[6] 6.6	(NA)
France	1980	(NA)	5.1	(NA)	Spain	1979	16.4	2.6	5.6
German Dem. Rep	1982	(NA)	[6] 5.5	(NA)	Sri Lanka	1983	7.0	3.0	12.9
Germany, Fed. Rep. of	1982	(NA)	4.6	(NA)	Sudan	1980	9.1	4.7	(NA)
Ghana	1981	(NA)	[2] 2.0	46.8					
					Syria	1983	12.1	5.9	40.0
Hungary	1983	6.6	5.8	(NA)	Tanzania	1983	[3] 15.3	[3] 5.8	(NA)
India	1982	(NA)	3.2	56.5	Thailand	1983	(NA)	3.9	9.0
Indonesia	1981	9.3	2.2	25.9	Turkey	1983	(NA)	3.4	[4] 25.8
Iran	1982	15.6	(NA)	49.2	Uganda	1983	(NA)	[3] 1.8	42.7
Iraq	1982	[5] 8.5	(NA)	[4 8] 10.7	United Kingdom	1982	11.9	5.5	(NA)
Italy	1979	11.1	5.0	[4] 3.0	Venezuela	1982	21.2	6.5	11.4
Japan	1982	19.1	5.7	(NA)	Yugoslavia	1982	(NA)	4.3	8.8
Kenya	1983	15.3	4.8	40.8	Zaire	1980	[5] 32.3	[5] 5.8	38.8
Korea, Republic of	1983	(NA)	3.4	(NA)	Zimbabwe	1982	[5] 15.9	[5] 7.8	26.0

NA Not available. X Not applicable. [1] Population, 15 years old and over. Estimated by source, except as noted. [2] Excludes expenditures on universities. [3] Ministry of education expenditures only. [4] Estimates made by country itself. [5] Current expenditures only. [6] Percent of net material product. [7] Population, 10 years old and over. [8] Population, 15–45 years old. [9] Federal government expenditures only. [10] 1980 data.

Source: United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook* (copyright).

No. 1472. Gross National Product in Current and Constant (1982) Dollars and Per Capita: 1975 to 1983

[In billions of dollars, except per capita. For explanation of conversion to U.S. dollars, see headnote, table 1505. For explanation of gross national product (GNP), see text, p. 427]

COUNTRY	CURRENT DOLLARS						CONSTANT (1982) DOLLARS					
										Per capita (dol.)		
	1975	1979	1980	1981	1982	1983	1975	1980	1983	1975	1980	1983
United States	1,556.1	2,421.0	2,632.8	2,942.9	3,056.9	3,297.8	2,573.8	3,066.2	3,163.9	12,027	13,465	13,492
Afghanistan	1.8	2.7	3.0	3.0	3.2	4.0	3.0	3.5	3.8	225	225	269
Algeria	17.8	31.0	35.1	39.3	43.6	49.0	29.5	40.9	47.0	1,845	2,176	2,269
Argentina	35.7	50.7	55.4	55.1	54.6	56.5	59.1	64.5	54.2	2,318	2,330	1,824
Austria	32.8	49.9	56.1	61.4	66.1	69.6	54.2	65.3	66.8	7,226	8,713	8,906
Bangladesh	4.7	7.9	9.0	10.5	11.3	12.4	7.8	10.5	11.9	99	118	124
Belgium	45.0	65.9	73.2	78.4	84.2	87.8	75.5	85.2	84.2	7,603	8,605	8,505
Brazil	121.8	204.5	237.6	253.4	269.5	272.0	201.5	276.8	261.0	1,857	2,268	1,987
Bulgaria	28.2	39.8	42.0	47.3	51.6	52.7	46.6	48.9	50.6	5,352	5,492	5,684
Burma	2.3	3.8	4.5	5.2	5.9	6.4	3.9	5.2	6.2	126	152	173
Canada	149.0	223.2	243.0	273.9	278.9	299.4	246.5	283.0	287.2	10,859	11,792	11,535
Chile	10.8	18.8	22.0	25.2	22.1	22.6	17.8	25.7	21.7	1,744	2,331	1,886
China:												
Mainland [1]	145.0	239.0	274.0	309.0	353.0	401.0	239.8	319.1	384.7	254	314	376
Taiwan	15.8	31.7	36.8	42.2	46.7	52.2	26.2	42.8	50.1	1,626	2,405	2,663
Colombia	17.1	28.1	32.0	35.4	37.7	39.6	28.3	37.2	38.0	1,175	1,500	1,342
Czechoslovakia	61.8	87.4	97.6	106.4	115.0	121.0	102.3	113.7	115.7	6,910	7,430	7,511
Egypt	9.2	18.3	22.0	25.2	28.5	32.2	15.2	25.7	30.9	412	608	674
Ethiopia	2.2	3.2	3.7	4.1	4.4	4.8	3.6	4.3	4.6	126	143	147
France	272.2	413.5	456.4	499.7	538.7	564.3	450.2	531.5	541.4	8,543	9,898	9,896
German Dem. Rep	77.3	110.3	123.0	137.6	145.2	153.2	127.8	143.2	147.0	7,562	8,576	8,800
Germany, Fed. Rep	339.8	518.6	575.2	629.0	662.3	699.0	562.0	670.0	670.6	9,093	10,875	10,903
Ghana	21.1	28.1	31.3	32.3	32.2	32.1	34.9	36.5	30.8	3,384	3,014	2,300
Greece	19.4	30.8	34.1	37.0	39.2	40.9	32.0	39.7	39.2	3,560	4,137	3,963
Hungary	37.5	53.4	58.9	65.0	71.4	73.3	62.0	68.5	70.3	5,909	6,405	6,570
India	80.2	116.4	135.2	156.3	170.8	189.6	132.7	157.5	181.9	215	227	248
Indonesia	32.7	56.0	66.8	79.8	87.2	93.5	54.1	77.8	89.7	394	514	541
Iran [1]	65.7	96.8	92.2	94.6	104.0	110.1	108.6	107.4	105.6	3,261	2,766	2,485
Iraq [1]	14.1	34.5	39.7	24.5	25.2	25.2	23.4	46.3	24.2	2,086	3,533	1,667
Italy	172.6	262.0	296.9	321.8	341.6	350.7	285.5	345.8	336.5	5,116	6,087	5,924
Japan	465.9	743.9	849.2	963.9	1,059.8	1,137.8	770.6	989.0	1,091.6	6,904	8,467	9,149
Kenya	2.6	4.2	4.9	5.6	6.0	6.6	4.3	5.7	6.3	315	344	339
Korea, Dem. Peo. Rep	9.0	14.4	15.5	18.6	20.5	21.6	14.9	18.1	20.7	936	1,008	1,079
Korea, Rep. of	26.8	52.5	54.2	62.9	70.8	80.7	44.3	63.1	77.4	1,207	1,586	1,870
Madagascar	1.8	2.4	2.7	2.6	2.8	2.9	2.9	3.1	2.8	381	360	295
Malaysia	9.0	16.2	19.2	22.5	25.2	27.3	14.9	22.3	26.2	1,200	1,594	1,746
Mexico	66.7	110.0	129.2	150.7	158.2	157.6	110.3	150.4	151.2	1,878	2,215	1,997
Morocco	6.9	11.0	12.4	13.3	15.0	16.1	11.4	14.5	15.4	625	690	673
Mozambique	2.8	3.6	4.0	4.5	4.9	4.9	4.7	4.7	4.7	515	389	360
Nepal	1.2	1.9	2.0	2.3	2.5	2.6	2.0	2.3	2.5	153	154	153
Netherlands	74.2	109.4	120.2	129.8	136.3	143.8	122.8	140.0	138.0	8,962	9,926	9,581
Nigeria	40.2	61.8	67.5	70.1	70.4	69.5	66.5	78.6	66.7	1,012	1,019	782
Pakistan	13.1	21.3	25.3	29.6	32.7	36.6	21.6	29.4	35.1	287	337	373
Peru	11.4	14.9	17.3	19.6	20.9	19.1	18.9	20.1	18.3	1,220	1,142	984
Philippines	16.5	27.9	31.7	36.0	39.4	41.6	27.3	36.9	39.9	634	752	734
Poland	122.4	168.9	179.9	186.5	196.0	212.9	202.5	209.5	204.3	5,954	5,884	5,580
Portugal	10.5	16.6	18.8	20.4	22.1	23.0	17.4	21.8	22.1	1,851	2,205	2,208
Romania	50.7	81.2	87.2	96.0	104.4	108.7	83.9	101.6	104.3	3,956	4,576	4,613
South Africa	35.1	49.8	58.7	67.2	71.3	72.1	58.0	68.4	69.2	2,273	2,769	2,240
Soviet Union	892.3	1,285.8	1,418.2	1,579.0	1,715.0	1,843.4	1,475.9	1,651.6	1,768.6	5,799	6,220	6,490
Spain	97.3	137.8	152.1	165.9	178.8	190.1	161.0	177.1	182.4	4,547	4,736	4,774
Sri Lanka	2.0	3.2	3.7	4.2	4.7	5.1	3.4	4.3	4.9	245	290	315
Sudan	4.1	7.2	4.9	9.3	10.4	10.7	6.8	5.7	10.3	425	306	510
Sweden	56.2	76.4	84.3	91.0	96.7	102.5	92.9	98.2	98.4	11,334	11,833	11,850
Switzerland	55.3	75.6	85.9	96.4	101.1	105.4	91.4	100.1	101.1	14,281	15,635	15,552
Syria	6.0	9.3	11.3	13.3	15.0	16.4	9.9	13.1	15.8	1,331	1,490	1,609
Tanzania	2.6	4.1	4.5	4.9	5.1	5.0	4.2	5.3	4.8	274	284	238
Thailand	14.2	24.5	28.2	32.3	35.6	39.5	23.4	32.8	37.9	552	688	746
Turkey	26.2	39.3	42.3	48.2	53.7	57.7	43.4	49.3	55.4	1,071	1,071	1,125
Uganda	3.6	3.8	4.0	4.6	5.3	5.9	6.0	4.6	5.7	519	362	407
United Kingdom	263.1	378.9	405.5	435.0	475.0	507.5	435.2	472.3	486.9	7,771	8,433	8,693
Venezuela	35.4	55.2	59.5	65.6	68.2	69.7	58.5	69.3	66.8	4,609	4,007	3,977
Yugoslavia	27.3	46.4	51.9	56.6	60.2	61.6	45.2	60.5	59.1	2,113	2,699	2,594
Zaire	3.3	4.1	4.5	4.9	5.2	5.5	5.5	5.3	5.3	220	184	168

[1] Estimated.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual. Data from International Bank for Reconstruction and Development and U.S. Central Intelligence Agency.

No. 1473. Organization for Economic Cooperation and Development (OECD)—Gross National Product, 1980 to 1983, and Change, 1980–1983 and 1982–1983

[For interpretation of the absolute levels of GNP and per capita GNP, the market exchange rates used in converting national currencies do not necessarily reflect the relative purchasing power in the various countries. As a consequence, it should not be concluded, for instance, that Switzerland's individual standard of living in 1983 was 11 percent higher than that of the U.S., or that the United Kingdom's was 43 percent lower, as the statistics may imply]

COUNTRY	GROSS NATIONAL PRODUCT (GNP)					GNP PER CAPITA					Inflation rate, [3] 1982–1983 (percent)
	Total in constant (1983) dollars (bil.) [1]			Annual percent change [2]		In constant (1983) dollars [1]			Annual percent change [2]		
	1980	1982	1983	1980–1983	1982–1983	1980	1982	1983	1980–1983	1982–1983	
United States	3,174.4	3,186.9	3,304.8	1.3	3.7	13,941	13,733	14,093	.3	2.6	3.8
OECD Europe [4]	2,831.3	2,846.2	2,881.9	.6	1.3	7,184	7,159	7,213	.1	.8	8.1
Belgium	80.9	80.9	81.3	.1	.5	8,213	8,213	8,245	.1	.4	6.0
Luxembourg	3.5	3.4	3.3	−1.7	−2.4	9,722	9,189	8,919	−2.7	−2.9	8.2
Denmark	51.5	53.3	54.6	1.9	2.5	10,059	10,410	10,684	2.0	2.6	7.6
France	504.5	514.1	517.7	.8	.7	9,393	9,482	9,473	.3	−.1	9.7
Germany, Fed. Rep	654.2	647.1	655.5	(z)	1.3	10,627	10,498	10,672	.1	1.7	3.2
Greece	35.7	35.6	35.7	–	.3	3,703	3,636	3,624	−.7	−.3	19.5
Ireland	16.0	16.4	16.6	1.3	1.0	4,706	4,713	4,729	.1	.3	11.5
Italy	354.4	353.7	349.5	−.4	−1.2	6,281	6,245	6,149	−.7	−1.5	15.3
Netherlands	133.4	130.3	131.6	−.4	1.0	9,434	9,106	9,164	−.9	.6	1.1
United Kingdom	433.0	437.2	450.8	1.3	3.1	7,691	7,760	7,999	1.3	3.1	5.3
Austria	64.9	65.6	66.8	.9	1.9	8,596	8,666	8,848	.9	2.1	3.9
Finland	43.4	45.1	46.5	2.3	3.0	9,079	9,357	9,568	1.8	2.3	8.5
Iceland	2.3	2.3	2.2	−1.0	−4.2	10,000	10,000	9,167	−2.7	−8.3	83.0
Norway	51.9	51.7	53.4	.9	3.2	12,689	12,579	12,930	.6	2.8	7.2
Portugal	18.8	19.6	19.5	1.2	−.5	1,899	1,954	1,931	.5	−1.2	23.0
Spain	149.5	151.6	155.1	1.2	2.3	3,994	3,997	4,057	.5	1.5	11.9
Sweden	87.6	87.5	89.5	.7	2.3	10,542	10,504	10,744	.6	2.3	9.9
Switzerland	101.1	101.4	101.3	(z)	−.1	15,822	15,672	15,633	−.4	−.2	3.6
Turkey	44.7	49.4	51.0	4.5	3.3	995	1,067	1,078	2.7	1.0	30.1
Australia	143.2	147.9	149.5	1.4	1.1	9,748	9,743	9,727	(−z)	−.2	8.5
Canada	306.8	306.2	315.4	.9	3.0	12,762	12,432	12,662	−.2	1.9	5.8
Japan	1,046.2	1,122.8	1,156.5	3.4	3.0	8,956	9,479	9,697	2.7	2.3	.7
New Zealand	20.8	21.4	21.8	1.7	1.7	6,688	6,772	6,813	.6	.6	5.0

– Represents zero. Z Less than .05 percent. [1] National currency values converted into dollars by the average 1983 Par Rate/Market Rate, as published by the International Monetary Fund, Washington, DC. [2] Minus sign (−) indicates decrease. [3] GNP or GDP (Gross Domestic Product) implicit price deflators; totals weighted by 1982 (base year) OECD weights. [4] See text, p. 832.

Source: U.S. Department of State, Bureau of Intelligence and Research, *Economic Growth of OECD Countries, 1973–1983*, Report No. 609AR (Revised), 1984, and unpublished data.

No. 1474. Gross Domestic Product, Total and Per Capita, Using Purchasing Power Parities—Selected Countries: 1970 to 1983

[The goods and services produced in different countries should be valued consistently if the differences observed are meant to reflect real differences in the volumes of goods and services produced. The use of purchasing power parities (PPP) instead of exchange rates is intended to achieve this objective. PPP's show how many units of currency are needed in one country to buy the same amount of goods and services which one unit of currency will buy in the other country. For further explanation of PPP, see text, p. 832]

COUNTRY	GROSS DOMESTIC PRODUCT (bil. dol.)						GROSS DOMESTIC PRODUCT PER CAPITA (dollars)					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
United States	989.5	1,542.2	2,606.6	2,934.9	3,045.3	3,275.7	4,826	7,141	11,446	12,759	13,109	13,969
E. E. C., total [1]	850.8	1,345.4	2,238.7	2,432.1	2,613.7	2,758.2	3,267	5,033	8,275	8,965	9,618	10,136
Belgium	32.2	52.6	86.5	92.8	100.5	105.4	3,334	5,375	8,780	9,421	10,198	10,690
Denmark	18.7	28.4	46.6	50.3	55.4	59.0	3,795	5,621	9,086	9,814	10,816	11,538
France	173.3	290.8	488.3	533.0	581.3	613.8	3,414	5,518	9,091	9,876	10,722	11,276
Germany, Fed. Rep	221.0	339.8	578.8	629.9	666.5	703.1	3,644	5,495	9,402	10,212	10,812	11,447
Greece	14.3	25.3	44.7	48.5	51.8	54.3	1,629	2,793	4,634	4,986	5,294	5,512
Ireland	6.0	10.3	18.4	20.6	22.5	23.6	2,033	3,244	5,416	5,986	6,457	6,740
Italy	153.8	239.0	412.5	450.2	479.6	495.1	2,866	4,311	7,313	7,968	8,469	8,711
Luxembourg	1.5	2.2	3.6	3.8	4.0	4.2	4,419	6,264	9,926	10,432	10,996	11,381
Netherlands	46.9	75.6	123.2	133.2	140.1	147.2	3,594	5,534	8,705	9,352	9,793	10,247
United Kingdom	183.1	281.2	436.1	469.8	511.9	552.6	3,291	5,002	7,745	8,333	9,086	9,802
Austria	21.3	35.6	60.3	65.5	70.8	75.6	2,866	4,737	8,033	8,731	9,353	10,010
Canada	93.2	164.0	276.3	312.8	320.0	343.8	4,371	7,216	11,479	12,839	12,978	13,803
Finland	13.4	22.7	37.9	42.0	46.2	49.7	2,918	4,612	7,930	8,757	9,580	10,220
Japan	299.1	517.8	951.3	1,079.6	1,189.4	1,280.7	2,884	4,643	8,144	9,176	10,042	10,739
Norway	13.4	23.2	42.0	46.1	49.8	53.7	3,450	5,785	10,272	11,246	12,100	12,999
Portugal	11.4	19.5	36.2	39.7	43.8	45.7	1,266	2,064	3,652	3,985	4,386	4,549
Spain	74.5	134.5	211.7	231.6	249.8	266.7	2,198	3,788	5,662	6,150	6,586	6,977
Other O.E.C.D. countries [2]	158.2	265.1	423.2	473.5	513.8	548.4	2,406	3,674	5,463	6,011	6,411	6,737

[1] European Economic Community. [2] Organization for Economic Cooperation and Development. Includes Australia, Iceland, Sweden, Switzerland, Turkey, and Yugoslavia.

Source: Organization for Economic Cooperation and Development, Paris, France, *National Accounts of OECD Countries*, vol. I, annual.

No. 1475. Per Capita Consumption of Major Food Commodities—Selected Countries: 1982

[In kilograms. Kilogram=2.205 pounds]

COMMODITY	United States [1]	France	Germany, Fed. Rep.	Italy	Netherlands	Poland	Soviet Union	Spain	Sweden	United Kingdom	Yugoslavia
Beef [2]	47.4	31.1	21.2	25.6	18.6	15.6	24.4	11.6	16.3	18.3	14.5
Pork [2]	28.5	38.8	49.6	25.6	43.7	35.7	17.1	29.5	33.9	21.4	18.0
Poultry	29.0	18.5	9.9	18.6	11.5	4.7	9.9	22.8	5.4	14.4	11.6
Fish [3]	5.6	3.6	4.5	3.2	12.1	6.0	18.4	3.4	(NA)	5.0	(NA)
Cheese	9.1	18.2	14.4	15.1	12.6	8.8	5.6	4.1	14.0	6.2	6.7
Butter	2.1	9.3	7.1	2.2	3.7	5.9	5.2	.8	3.6	5.8	1.4
Margarine	5.0	4.0	8.2	1.6	15.0	5.2	3.7	1.2	14.4	7.3	3.1
Sugar [4]	32.3	34.4	36.1	26.1	39.6	33.4	44.5	27.5	45.8	39.7	35.2

NA Not available. [1] Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures*, Statistical Bulletin 713, November 1984. [2] Weighted on a carcass weight basis. [3] Covers fresh, frozen, cured and canned fish. [4] 1983 data.

No. 1476. Percent of Households Owning Selected Appliances—Selected Countries: 1983

APPLIANCE	United States [1]	France	Germany, Fed. Rep.	Italy	Netherlands	Poland	Soviet Union	Spain	Sweden	United Kingdom	Yugoslavia
Clothes washer	72	82	88	91	90	24	55	67	70	85	80
Dishwasher	36	22	21	19	12	1	(NA)	9	26	6	(NA)
Freezer	37	32	53	31	46	(NA)	(NA)	13	71	41	47
Range:											
Electric	53	12	85	5	10	53	(NA)	12	93	47	88
Gas	47	80	15	94	89	30	(NA)	79	6	52	
Refrigerator	[2] 100	[2] 97	83	94	[2] 98	(NA)	65	[2] 94	[2] 97	68	82
Television set:											
Black and white	47	61	56	98	(NA)	(NA)	38	80	(NA)	(NA)	61
Color	85	56	69		80	(NA)		37	79	79	

NA Not available. [1] 1982 data. Represents appliances possessed and generally used by the household (as of November). Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Housing Characteristics, 1982*, August 1984. [2] Includes refrigerator/freezers.

Source of tables 1475 and 1476: Except as noted, Euromonitor Publications Limited, London, England, *European Marketing Data and Statistics*, annual. (Copyright.)

No. 1477. World Motor Vehicle Registrations—Selected Countries: 1975 to 1983

[In millions, except as indicated]

COUNTRY	1975	1980	1983		
			Total vehicles [1]	Cars	
				Number	Persons per car
World, total	**327.9**	**411.1**	**456.0**	**352.3**	**12.0**
United States	133.0	155.9	163.9	126.7	1.8
Canada	11.0	13.2	14.3	10.9	2.3
Mexico	3.3	4.8	6.9	4.9	15.0
Other North and Central America	2.0	1.6	2.8	2.1	21.0
South America [2]	13.0	18.8	22.2	17.8	14.0
Argentina	3.1	4.2	4.9	3.5	8.4
Brazil	6.7	10.2	11.6	10.5	12.0
Venezuela	1.3	1.9	2.8	1.8	10.0
Europe [2]	*114.1*	*145.5*	*163.8*	*137.9*	*5.9*
Belgium	2.9	3.5	3.6	3.3	3.0
Czechoslovakia	1.8	2.6	2.9	2.5	6.2
Denmark	1.5	1.6	1.6	1.4	3.7
France	17.9	21.7	23.7	20.9	2.6
German Dem. Rep.	2.4	3.1	3.7	3.0	5.5
Germany, Fed. Rep.	19.5	24.8	26.4	22.6	2.7
Greece	.6	1.3	1.6	1.1	9.3
Hungary	.7	1.2	1.4	1.3	8.5
Italy	16.3	19.1	22.2	20.5	2.8
Netherlands	3.8	4.6	5.1	4.7	3.0
Poland	1.6	3.1	3.9	3.2	11.0
Portugal	.9	1.2	1.4	1.1	9.2
Europe—Con.					
Soviet Union	9.8	15.5	19.0	10.3	26.0
Spain	5.9	8.9	10.3	8.7	4.4
Sweden	2.9	3.1	3.2	3.0	2.6
Switzerland	2.0	2.6	2.7	2.7	2.4
United Kingdom	16.4	17.4	18.3	16.6	3.4
Yugoslavia	1.7	2.7	3.0	2.8	8.2
Africa [2]	6.5	9.5	11.3	7.5	68.0
Nigeria	.3	.9	1.2	.7	125.0
South Africa	3.0	3.5	4.0	2.8	10.0
Asia [2]	37.4	52.3	60.7	36.5	70.0
China: Mainland	.7	.9	1.0	.1	10,220.0
India	1.4	1.5	2.0	1.0	740.0
Indonesia	.6	1.2	1.7	.9	191.0
Iran	1.0	1.4	1.7	1.3	32.0
Japan	28.1	37.9	42.9	26.4	4.5
Korea, Republic of	.2	.5	.8	.4	108.0
Pakistan	.3	.4	.4	.3	289.0
Philippines	.7	1.1	.9	.4	147.0
Saudi Arabia	.3	1.4	2.1	1.1	9.4
Thailand	.5	.9	1.1	.5	96.0
Turkey	.7	1.1	1.3	.8	59.0
Oceania [2]	7.7	9.5	10.2	8.1	2.3
Australia	6.1	7.4	8.2	6.5	2.4
New Zealand	1.4	1.8	1.7	1.4	2.3

[1] Includes trucks and buses, not shown separately. [2] Includes other countries, not shown separately.

Source: Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI, *MVMA Motor Vehicle Facts & Figures*, annual.

No. 1478. Communications—Telephones, Newspapers, Television, and Radio, by Country

[See text, p. 832, for general comments about the data. For additional data qualifications for countries, see source]

Country	Telephones per 100 population,[1] 1983	Daily newspaper circulation, copies per 1,000 population,[2] 1982	Television receivers per 1,000 population,[3] 1983	Radio receivers per 1,000 population,[4] 1983
World, total.	[5] 11.5	(NA)	(NA)	(NA)
United States	[6] 76.0	269	790	2,043
Algeria	[5] 3.0	22	65	215
Argentina	10.4	(NA)	199	540
Australia	54.0	[7] 334	423	1,301
Austria	46.0	[7] 453	[8] 311	[6] 530
Bangladesh	[9] .1	6	1	[8] 8
Belgium	41.7	224	[8] 303	[8] 468
Bolivia	(NA)	46	64	575
Brazil	7.7	48	127	386
Bulgaria	20.0	235	[8] 189	230
Burma	[7] .1	14	(NA)	23
Cambodia	(NA)	(NA)	9	131
Canada	66.4	226	463	761
Chile	5.4	115	116	304
China:				
Mainland	.5	33	7	67
Taiwan	25.8	(NA)	(NA)	(NA)
Colombia	6.5	(NA)	98	133
Costa Rica	11.8	77	76	86
Cuba	[9] 4.2	118	168	316
Cyprus	25.1	(NA)	139	611
Czechoslovakia	22.0	318	[8] 280	[8] 270
Denmark	11.9	356	[8] 369	[8] 392
Dominican Republic	[9] 3.0	[7] 42	92	201
Ecuador	4.0	64	62	319
Egypt	[9] 1.2	78	44	174
El Salvador	2.3	(NA)	63	362
Ethiopia	.3	1	1	89
Finland	57.0	521	[8] 357	987
France	[6] 54.1	[9] 191	375	860
German Dem. Rep	20.6	535	[8] 358	[8]384
Germany, Fed. Rep. of	57.1	408	[8]360	[8]401
Ghana	[9] .6	[10] 31	6	173
Greece	33.6	(NA)	[8] 173	406
Guatemala	[11] 1.2	(NA)	25	43
Honduras	.9	61	13	49
Hong Kong	38.2	(NA)	225	510
Hungary	13.0	249	371	540
Iceland	52.5	420	[8] 293	[5] 586
India	.5	21	[8] 3	[8] 61
Indonesia	[5] 1.4	(NA)	22	138
Iran	4.4	(NA)	55	180
Iraq	4.3	(NA)	55	188
Ireland	*23.5*	*215*	*239*	*456*
Israel	34.7	(NA)	256	270
Italy	40.4	82	[8] 243	[8] 250
Jamaica	[9] 6.2	46	89	394
Japan	52.0	575	556	713
Kenya	*1.3*	*12*	*4*	*34*
Korea, Rep. of	14.9	(NA)	175	451
Kuwait	15.4	250	258	285
Lebanon	(NA)	(NA)	[6] 296	797
Luxembourg	[9] 62.6	[5] 358	[6] 251	[6] 644
Madagascar	[9] .4	6	8	*213*
Malaysia	6.6	(NA)	96	437
Mexico	8.9	(NA)	111	290
Morocco	1.3	(NA)	39	163
Netherlands	57.5	322	450	793
New Zealand	61.4	325	288	890
Nigeria	[11] .2	6	5	79
Norway	57.9	483	[8] 319	412
Pakistan	.5	[5] 14	12	78
Panama	10.5	61	122	160
Paraguay	2.3	(NA)	23	75
Peru	2.9	(NA)	49	160
Philippines	1.5	(NA)	26	45
Poland	10.5	218	[8] 234	[8] 247
Portugal	16.6	49	[8] 151	171
Puerto Rico	[9] 2.0	168	293	731
Romania	(NA)	186	[8] 173	[8] 143
Saudi Arabia	*14.6*	(NA)	*254*	295
Singapore	36.7	286	[8] 188	[8] 272
South Africa	13.4	[11] 66	[9] 70	[9] 275
Soviet Union	[6] [12] 9.8	405	308	514
Spain	*34.5*	*79*	*258*	*285*
Sri Lanka	.7	111	3	117
Sudan	[9] .4	5	49	246
Sweden	89.0	524	[8] 390	858
Switzerland	78.9	361	378	[8] 364
Syria	*5.3*	[7] *12*	*44*	*195*
Thailand	1.3	(NA)	17	146
Trinidad and Tobago	9.6	149	261	309
Tunisia	3.3	41	54	163
Turkey	*5.5*	*(NA)*	*118*	*123*
United Kingdom	51.7	421	479	993
Uruguay	11.3	(NA)	124	558
Venezuela	9.5	186	126	405
Yugoslavia	12.2	[7] 103	[8] 203	[8] 238
Zimbabwe	3.3	21	12	*45*

NA Not available. [1] Comprises public and private telephones installed which can be connected to a central exchange. [2] Publications containing general news and appearing at least 4 times a week; may range in size from a single sheet to 50 or more pages. Circulation data refer to average circulation per issue or number of printed copies per issue and include copies sold outside the country. [3] Estimated number of sets in use, except as noted. [4] Data cover estimated number of receivers in use, except as noted, and apply to all types of receivers for radio broadcasts to the public, including receivers connected to a radio "redistribution system" but excluding television sets. [5] For 1980. [6] For 1982. [7] For 1979. [8] Number of licenses issued. [9] For 1981. [10] For 1978. [11] For 1977. [12] Excludes telephone systems of the military forces.

Source: Except Taiwan, Statistical Office of the United Nations, New York, NY, *Statistical Yearbook* (copyright), and United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook* (copyright); Taiwan, U.S. Bureau of the Census. Data from Republic of China publications.

No. 1479. Tax Revenues—Selected Countries: 1975 to 1983

[Covers national and local taxes and Social Security contributions. GDP=Gross domestic product; see text, p. 427]

Country	Tax revenues, 1983 (bil. dol.)	Tax revenues, per capita 1983 (dol.)	Percent change in total tax revenue as expressed in national currency					Tax revenues as percent of GDP				
			1975-1980	1980-1983	1980-1981	1981-1982	1982-1983	1975	1980	1981	1982	1983
United States	927.4	3,955	77.1	20.0	13.9	4.8	.5	29.6	30.4	30.8	30.6	29.0
Australia	50.6	3,294	89.2	39.3	16.2	9.6	9.4	29.1	30.3	31.1	31.0	30.0
Austria	27.5	3,641	61.5	20.6	9.5	4.2	5.7	38.6	41.2	42.5	41.1	41.0
Belgium	37.2	3,771	61.3	24.0	5.0	11.9	5.6	41.1	43.9	44.2	45.6	45.4
Canada	110.4	4,431	76.1	34.7	20.7	4.5	6.8	32.9	32.0	34.0	33.8	33.0
Denmark	26.0	5,091	90.1	40.1	8.8	11.7	15.2	41.4	45.5	45.3	44.2	46.2
Finland	17.4	3,573	78.6	46.9	18.5	11.1	11.6	35.4	34.2	35.8	35.4	35.2
France	230.1	4,228	116.6	48.9	13.1	17.3	12.3	37.4	42.5	42.8	43.8	44.6
Germany, Fed. Rep	244.0	3,973	51.8	11.0	3.0	3.5	4.2	36.0	37.9	37.4	37.4	37.4
Greece	11.5	1,164	195.7	106.2	21.9	37.0	23.4	24.6	28.6	29.2	32.1	32.9
Italy	143.3	2,521	209.6	93.5	23.2	27.6	23.1	29.0	33.2	34.5	37.5	40.6
Japan	324.6	2,722	95.7	23.5	9.3	6.3	6.2	21.0	25.9	26.8	27.2	27.7
Netherlands	62.4	4,346	60.4	15.6	3.5	5.1	6.4	43.6	45.8	45.2	45.5	47.3
New Zealand	7.5	2,334	118.8	48.2	24.6	14.9	3.5	29.6	30.9	32.1	33.5	32.5
Norway	25.6	6,207	101.2	39.5	18.8	8.9	7.8	44.8	47.1	48.6	47.7	48.6
Portugal	6.8	677	286.4	109.2	26.4	25.8	31.6	24.7	29.2	30.9	30.9	32.9
Spain	43.2	1,131	210.3	69.4	18.4	16.4	22.9	19.6	24.1	25.0	25.4	27.2
Sweden	46.4	5,572	96.4	37.3	12.9	7.1	13.6	43.9	49.4	51.1	49.9	50.5
Switzerland	30.7	4,717	26.3	22.9	7.7	7.6	6.0	29.6	30.8	30.6	31.0	31.6
United Kingdom	172.1	3,052	116.0	39.9	13.9	17.1	4.9	35.5	36.5	37.1	39.2	37.8

Source: Organization for Economic Cooperation and Development, Paris, France, *Revenue Statistics of OECD Member Countries*, annual.

No. 1480. Percent Distribution of Tax Receipts by Type of Tax—Selected Countries: 1975 to 1983

Country and year	Total [1]	Income and profits taxes [2]			Social security contributions			Taxes on goods and services [5]		
		Total [3]	Individual	Corporate	Total [4]	Employees	Employers	Total [3]	General consumption taxes [6]	Taxes on specific goods, services [7]
United States: 1975	100.0	43.8	33.0	10.8	24.5	9.9	13.8	18.5	6.7	9.4
1980	100.0	47.1	36.9	10.2	26.1	10.0	15.4	16.7	6.6	7.8
1983	100.0	42.6	37.1	5.5	28.7	11.2	16.8	18.0	7.0	8.6
Canada: 1975	100.0	47.5	33.0	13.7	10.1	3.7	6.2	32.1	12.5	13.6
1980	100.0	46.6	34.1	11.6	10.4	3.7	6.5	32.6	11.5	13.0
1983	100.0	43.7	35.6	7.5	13.1	4.6	8.3	32.7	11.6	14.4
France: 1975	100.0	17.6	12.2	5.3	40.8	8.8	29.6	32.9	23.3	8.8
1980	100.0	18.0	12.9	5.0	43.1	11.5	28.9	30.1	21.0	8.2
1983	100.0	17.8	13.4	4.3	43.9	11.7	29.1	29.0	20.5	7.7
Germany, Fed. Rep.: 1975	100.0	34.4	30.0	4.4	34.0	14.9	18.3	26.9	14.6	10.8
1980	100.0	35.1	29.7	5.5	34.3	15.3	18.4	27.1	16.6	9.3
1983	100.0	33.4	28.3	5.1	35.7	15.9	19.2	27.5	17.0	9.4
Italy: 1975	100.0	21.5	15.2	6.3	45.9	9.0	36.9	29.4	14.3	14.0
1980	100.0	32.1	24.0	8.1	36.6	5.9	23.0	27.4	16.3	10.4
1983	100.0	36.8	27.9	9.3	35.9	7.2	25.7	25.4	14.9	9.9
Japan: 1975	100.0	44.6	23.9	20.7	29.0	10.8	15.1	17.3	-	15.1
1980	100.0	46.1	24.3	21.8	29.1	10.2	14.8	16.3	-	14.1
1983	100.0	45.2	25.6	19.6	30.0	10.5	15.2	15.2	-	13.2
Netherlands: 1975	100.0	34.8	27.1	7.7	38.4	16.4	17.6	24.2	14.4	8.1
1980	100.0	32.9	26.3	6.6	38.0	15.6	17.8	25.3	15.9	7.3
1983	100.0	27.4	21.3	6.1	45.0	19.9	17.8	24.1	14.8	7.2
Sweden: 1975	100.0	50.5	46.1	4.4	19.5	-	18.3	24.4	12.0	10.7
1980	100.0	43.5	41.0	2.5	28.8	-	27.6	24.0	13.4	9.2
1983	100.0	42.3	38.9	3.4	26.9	-	25.8	24.4	13.6	9.7
United Kingdom: 1975	100.0	44.5	38.2	6.3	17.4	6.6	10.3	25.4	8.8	14.8
1980	100.0	37.8	30.0	7.8	16.7	6.4	9.8	29.2	14.4	13.1
1983	100.0	36.5	27.7	10.8	17.7	8.1	9.1	29.8	13.9	14.2

- Represents zero. [1] Includes property taxes, employer payroll taxes other than social security contributions, and miscellaneous taxes, not shown separately. [2] Includes taxes on capital gains. [3] Includes other taxes, not shown separately. [4] Includes contributions of self-employed, not shown separately. [5] Taxes on the production, sales, transfer, leasing, and delivery of goods and services and rendering of services. [6] Primarily value-added and sales taxes. [7] For example, excise taxes on alcohol, tobacco, and gasoline.

Source: Organization for Economic Cooperation and Development, Paris, France, *Revenue Statistics of OECD Member Countries*, annual.

No. 1481. Consumer Prices—Annual Percent Changes, by Country: 1979 to 1984

[See text, p. 832, for general comments concerning the data. For additional qualifications of the data for individual countries, see source. Minus sign (−) indicates decrease]

COUNTRY	1979–1980	1980–1981	1981–1982	1982–1983	1983–1984	COUNTRY	1979–1980	1980–1981	1981–1982	1982–1983	1983–1984
United States	13.5	10.4	6.2	3.2	4.3	Israel	131.0	116.8	120.4	145.6	373.8
						Italy	21.2	17.8	16.5	14.7	10.8
Algeria	9.5	14.6	6.7	4.6	6.6	Japan	8.0	4.9	2.6	1.8	2.3
Argentina	100.8	104.5	164.8	343.8	626.7	Kenya	13.8	11.8	20.4	11.5	10.2
Australia	10.1	9.7	11.1	10.1	3.9	Korea, Republic of	28.7	21.3	7.3	3.4	2.3
Austria	6.4	6.8	5.4	3.3	5.7						
Bangladesh	13.2	13.2	9.3	8.0	12.1	Malaysia	6.7	9.7	5.8	3.7	3.9
Belgium	6.6	7.6	8.7	7.7	6.3	Mexico	26.4	27.9	58.9	101.8	65.5
Bolivia	47.2	32.1	123.5	275.6	1,281.4	Morocco	9.4	12.5	10.5	6.2	12.4
Brazil	82.8	105.6	98.0	142.0	196.7	Netherlands	6.5	6.7	5.9	2.8	3.3
Burma	.6	.3	[1] 5.3	5.7	4.8	Nigeria	11.4	20.8	7.7	23.2	(NA)
Canada	10.2	12.4	10.8	5.8	4.3	Norway	10.8	13.7	11.4	8.4	6.3
Chile	35.1	19.7	9.9	27.3	19.9	Pakistan	11.9	11.9	5.9	7.4	7.1
Colombia	26.5	27.5	24.5	19.8	16.1	Peru	59.2	75.4	64.4	111.2	110.2
						Philippines	17.8	13.1	10.2	10.0	50.3
Denmark	12.3	11.7	10.1	6.9	6.3	Portugal	16.6	20.0	22.7	25.1	28.9
Dominican Republic	16.8	7.5	7.6	4.8	27.0	Romania	1.5	2.2	16.9	5.2	8.3
Ecuador	13.0	13.0	16.3	48.4	31.2	South Africa	13.8	15.2	14.7	12.3	11.7
Egypt	20.7	10.4	14.8	16.1	17.1						
El Salvador	17.4	14.8	11.7	13.3	11.5	Spain	15.6	14.6	14.4	12.2	11.3
Ethiopia	4.5	6.1	5.9	−.7	8.4	Sri Lanka	26.2	17.9	10.8	14.0	16.6
Finland	11.6	12.0	9.3	8.4	7.1	Sweden	13.7	12.1	8.6	8.9	8.0
France	13.8	13.4	11.8	9.6	7.4	Switzerland	4.0	6.5	5.7	3.0	2.9
Germany, Fed. Rep. of	5.4	6.3	5.3	3.3	2.4	Syria	18.9	18.4	14.3	6.0	9.6
						Thailand	19.7	12.7	5.3	3.7	.9
Ghana	50.1	116.5	22.3	122.9	39.7	Tunisia	10.0	8.9	13.7	9.0	8.4
Greece	24.9	24.5	21.0	20.2	18.4	Turkey	110.2	36.8	30.8	29.1	(NA)
Guatemala	10.7	11.4	.4	(NA)	(NA)	United Kingdom	18.0	11.9	8.6	4.6	5.0
						Venezuela	21.6	16.0	9.7	6.3	12.2
India	11.4	13.0	7.9	11.9	8.3	Yugoslavia	29.9	39.7	32.9	39.2	55.4
Indonesia	18.5	12.2	9.5	11.8	10.5	Zaire	42.1	34.9	36.2	77.1	52.2
Iran	20.7	24.2	18.7	19.7	(NA)	Zambia	11.7	14.0	12.5	19.6	20.0
Ireland	18.2	20.4	17.1	10.5	8.6						

NA Not available. [1] Estimate.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics*, monthly, with annual yearbooks.

No. 1482. Consumer Price Indexes for Selected Items—Selected Countries: 1980 and 1984

[For percent increases in total consumer prices, see table 798. For explanation of average annual percent change, see Guide to Tabular Presentation]

COUNTRY	INDEXES (1967=100)										AVG. ANNUAL PERCENT CHANGE, 1980–1984			
	Total [1]		Food [2]		Clothing		Housing [3]		Transportation		Food [2]	Clothing	Housing [3]	Transportation
	1980	1984	1980	1984	1980	1984	1980	1984	1980	1984				
United States	246.8	311.1	254.6	302.9	171.1	187.0	263.3	336.5	249.7	311.7	4.4	2.2	6.3	5.7
Australia	295.5	412.4	291.8	398.6	301.4	389.6	321.8	461.7	(NA)	(NA)	8.1	6.6	9.4	(NA)
Austria	203.3	249.9	186.5	223.3	178.3	202.8	233.2	297.5	216.6	272.1	4.6	3.2	6.2	5.8
Canada	243.5	334.9	289.9	379.2	195.5	235.6	242.9	340.6	233.1	344.4	6.9	4.7	8.8	10.3
France	294.2	439.2	294.8	446.3	267.0	387.4	309.4	475.9	337.4	505.4	10.9	9.7	11.4	10.6
Germany, F.R.	175.6	207.9	158.9	184.3	178.8	206.8	192.8	232.5	186.1	223.6	3.8	3.7	4.8	4.7
Italy	403.2	702.7	382.3	634.3	437.3	751.8	385.6	707.6	480.9	856.5	13.5	14.5	16.4	15.5
Japan	281.8	316.4	288.2	324.3	288.7	330.8	226.7	256.6	252.6	274.8	2.9	3.4	3.1	2.1
Netherlands	237.4	284.9	197.8	230.1	256.5	285.6	244.2	323.9	223.9	271.5	3.8	2.7	7.3	4.9
Sweden	270.6	387.5	282.1	454.2	197.2	248.1	314.9	435.5	(NA)	(NA)	12.6	5.9	8.4	(NA)
United Kingdom	423.6	565.1	468.0	596.3	306.4	320.1	421.5	592.2	450.3	584.4	6.2	1.0	8.8	6.7

NA Not available. [1] Includes other items not shown separately. [2] Restaurant meals, alcohol, and tobacco are included for some countries; excluded for others. [3] Includes shelter, utilities, and household furnishings and operations. However, actual coverage and measurement methods vary significantly from country to country.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, periodic.

NO. 1483. LABOR FORCE PARTICIPATION RATES, BY SEX, AND FEMALES AS PERCENT OF TOTAL LABOR FORCE—SELECTED COUNTRIES: 1960 TO 1984

COUNTRY	LABOR FORCE PARTICIPATION RATES [1]										FEMALES AS PERCENT OF TOTAL LABOR FORCE				
	Female					Male									
	1960	1970	1980	1983	1984	1960	1970	1980	1983	1984	1960	1970	1980	1983	1984
United States	42.6	48.9	59.7	63.4	64.3	90.5	85.4	84.7	87.0	87.0	32.3	36.7	41.9	42.8	43.1
Canada	33.7	43.2	57.2	60.8	62.0	91.1	85.7	86.3	86.0	85.9	25.4	33.3	40.0	41.7	42.2
France	45.4	47.5	52.5	55.8	56.1	95.5	87.8	82.5	78.3	77.2	33.4	35.4	40.1	42.0	42.5
Germany, F.R.	49.2	48.1	50.0	49.5	49.4	94.4	92.5	83.4	80.1	79.1	37.3	35.9	38.1	38.4	38.5
Italy	39.6	33.5	39.8	40.2	(NA)	95.3	86.8	82.9	79.5	(NA)	29.5	26.8	33.4	34.4	(NA)
Japan	60.1	55.4	54.9	57.2	57.2	92.2	89.4	89.0	89.0	88.4	40.7	39.3	38.7	39.5	39.6
Sweden	50.1	59.4	74.1	78.3	78.8	98.5	88.8	87.8	87.7	87.2	36.9	39.5	45.2	46.6	46.9
United Kingdom	46.1	50.8	58.7	59.8	59.9	98.1	94.3	90.8	86.6	86.1	32.7	35.3	39.5	41.0	41.2

NA Not available. [1] Labor force of all ages as percent of population, 15–64 years old.

NO. 1484. LABOR FORCE PARTICIPATION RATES, BY SEX AND AGE-GROUP—SELECTED COUNTRIES: 1970 AND 1984

[Participation rates represent percent of population of each specified group in labor force]

COUNTRY AND SEX	15–19 YEARS OLD		20–24 YEARS OLD		25–54 YEARS OLD		55–64 YEARS OLD		65 YEARS AND OVER	
	1970	1984	1970	1984	1970	1984	1970	1984	1970	1984
United States: Total	[1] 50.0	[1] 54.2	71.4	77.7	71.8	80.4	60.4	53.8	16.0	10.5
Male	[1] 56.7	[1] 56.5	85.3	84.7	94.8	93.1	80.7	67.9	25.7	15.7
Female	[1] 43.1	[1] 51.8	57.3	70.5	49.7	68.1	42.2	41.5	9.0	7.0
Canada: Total	39.1	52.2	70.9	79.2	67.9	80.0	56.7	51.5	13.0	8.1
Male	43.2	54.0	83.2	83.8	96.2	93.5	84.2	71.1	22.6	12.6
Female	34.9	50.3	58.8	74.6	39.8	66.7	29.8	33.4	5.0	4.7
France: Total	32.6	15.8	73.7	68.0	73.5	82.0	56.8	40.2	12.8	3.6
Male	37.3	17.9	81.5	69.0	96.8	95.8	75.4	50.3	19.5	5.5
Female	27.9	13.6	65.6	66.9	50.1	68.2	40.0	31.0	8.6	2.4
Germany, F.R.: Total	56.3	40.5	78.2	70.7	71.8	72.9	52.0	39.6	11.7	4.2
Male	57.9	43.9	86.3	75.6	97.1	90.1	82.2	59.1	19.9	6.3
Female	54.6	37.0	69.8	65.4	47.6	54.8	29.9	25.3	6.5	3.0
Italy: Total	[2] 33.4	[2] [3] 29.7	55.8	66.9	[4] 60.1	[3] [4] 67.2	(NA)	(NA)	[5] 14.2	[3] [5] 10.7
Male	[2] 38.0	[2] [3] 31.7	68.7	74.6	[4] 93.9	[3] [4] 92.7	(NA)	(NA)	[5] 25.5	[3] [5] 18.1
Female	[2] 28.8	[2] [3] 27.6	43.2	59.3	[4] 28.3	[3] [4] 42.6	(NA)	(NA)	[5] 5.1	[3] [5] 4.8
Japan: Total	32.5	18.3	75.7	71.7	75.7	78.5	64.3	62.9	31.8	24.8
Male	31.4	18.2	80.7	71.0	97.3	97.0	86.6	83.8	49.4	37.6
Female	33.6	18.5	70.6	72.4	55.1	60.0	44.4	45.0	17.9	15.9
Sweden: Total	51.9	45.3	71.1	81.6	79.8	91.5	64.6	67.7	18.0	7.2
Male	52.8	43.8	76.7	82.8	94.8	94.9	85.4	76.2	28.9	11.1
Female	50.9	47.0	65.2	80.4	64.2	88.1	44.5	59.7	8.7	3.8
United Kingdom: Total	55.0	58.3	75.8	77.8	75.5	79.6	63.9	51.2	11.7	5.3
Male	57.5	59.7	90.6	85.3	97.8	94.8	91.3	69.2	20.2	7.8
Female	52.3	56.8	60.6	70.2	53.2	64.5	39.3	34.6	6.4	3.8

NA Not available. [1] Persons 16–19 years old. [2] Persons 14–19 years old. [3] 1983 data. [4] Persons 25–59 years old. [5] Persons 60 years old and over.

Source of tables 1483 and 1484: Organization for Economic Cooperation and Development, Paris, France, *Historical Statistics, 1960–1982*, 1984; and *Labour Force Statistics*, annual.

NO. 1485. LABOR FORCE AND UNEMPLOYMENT—SELECTED COUNTRIES: 1970 TO 1984

[Data based on U.S. labor force definitions adopted in 1967 (see text, p. 388) except that minimum age for population base varies as follows: United States, France, Sweden, and, beginning 1975, Great Britain, 16 years; Australia, Canada, Japan, Germany, and, for 1970, Great Britain, 15 years; Italy, 14 years]

COUNTRY	CIVILIAN LABOR FORCE (millions)								PERCENT UNEMPLOYED							
	1970	1975	1979	1980	1981	1982	1983	1984	1970	1975	1979	1980	1981	1982	1983	1984
United States	82.8	93.8	105.0	106.9	108.7	110.2	111.6	113.5	4.9	8.5	5.8	7.1	7.6	9.7	9.5	7.5
Australia	5.5	6.2	6.5	6.7	6.8	6.9	7.0	7.1	1.6	4.9	6.3	6.1	5.8	7.2	10.0	9.0
Canada	8.4	10.0	11.2	11.6	11.9	12.0	12.2	12.4	5.7	6.9	7.4	7.5	7.5	11.0	11.9	11.3
France	20.8	21.6	22.5	22.6	22.6	22.9	22.8	[1] 23.0	2.5	4.2	6.1	6.4	7.5	8.4	8.6	[1] 10.1
Germany, F.R. [2]	26.2	26.1	26.2	26.5	26.6	26.6	26.6	[1] 26.7	.5	3.4	3.0	2.9	4.1	5.9	7.5	[1] 7.8
Great Britain	24.5	25.1	25.7	25.9	25.9	[1]25.9	[1] 26.0	[1] 26.4	3.0	4.5	5.3	6.8	10.4	[1]11.8	[1] 12.8	[1] 13.0
Italy	19.6	20.1	20.9	21.2	21.4	21.4	21.6	[1] 21.6	2.8	3.0	3.9	3.9	4.3	4.8	5.3	[1] 5.6
Japan	50.7	52.5	55.2	55.7	56.3	57.0	58.1	58.5	1.2	1.9	2.1	2.0	2.2	2.4	2.7	2.8
Sweden	3.9	4.1	4.3	4.3	4.3	4.4	4.4	4.4	1.5	1.6	2.1	2.0	2.5	3.1	3.5	3.1

[1] Preliminary estimates based on incomplete data. [2] Federal Republic of Germany. Includes West Berlin.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, periodic.

No. 1486. Selected Indexes of Manufacturing Activity—Selected Countries: 1970 to 1984

[1977=100. Minus sign (–) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

INDEX AND YEAR	United States	Canada	Belgium	Denmark	France	Germany [1]	Italy	Japan	Netherlands	Sweden	United Kingdom
Output per hour:											
1970	79.2	76.8	59.9	65.3	69.3	70.9	72.7	61.4	63.0	80.7	77.6
1975	93.4	91.0	86.0	94.4	88.4	89.8	91.1	85.3	85.1	100.2	94.5
1980	101.7	101.9	119.7	114.3	112.4	108.4	116.9	128.6	114.6	112.7	99.9
1983	111.6	107.6	137.0	118.8	128.8	116.8	126.4	152.8	130.4	126.3	118.3
1984 [2]	115.6	111.9	(NA)	123.6	135.2	122.3	134.4	167.4	(NA)	134.9	123.0
Average annual percent change:											
1970–1975	3.4	3.4	7.5	7.6	5.0	4.8	4.6	6.8	6.2	4.4	4.0
1975–1980	1.7	2.3	6.8	3.9	4.9	3.8	5.1	8.6	6.1	2.4	1.1
1980–1984 [2]	3.2	2.4	[3] 4.6	2.0	4.7	3.1	3.5	6.8	[3] 4.4	4.6	5.3
Compensation per hour, national currency basis: [4]											
1970	57.6	46.5	34.7	36.3	36.5	48.1	26.1	33.9	38.5	38.5	30.9
1975	85.5	78.2	79.0	81.0	76.6	84.8	70.2	85.4	81.9	77.3	75.1
1980	132.7	130.6	130.2	135.9	148.1	125.0	160.2	121.2	123.5	133.6	162.8
1983	163.4	178.5	164.9	172.6	227.4	146.7	277.0	141.5	147.3	173.2	216.2
1984 [2]	169.4	181.4	(NA)	182.8	247.5	152.1	306.0	146.0	(NA)	194.7	233.4
Average annual percent change:											
1970–1975	8.2	10.9	17.9	17.4	16.0	12.0	21.9	20.3	16.3	14.9	19.5
1975–1980	9.2	10.8	10.5	10.9	14.1	8.1	17.9	7.2	8.6	11.6	16.7
1980–1984 [2]	6.3	8.9	[3] 8.2	7.7	13.7	5.0	17.6	4.8	[3] 6.1	9.9	9.4
Real hourly compensation: [4] [5]											
1970	89.8	76.9	60.7	68.5	67.2	69.7	62.3	68.8	67.6	71.7	77.7
1975	96.2	90.8	92.4	98.1	92.0	91.6	97.7	101.1	95.1	95.9	102.2
1980	97.6	99.7	111.9	100.8	107.8	111.6	101.6	104.0	106.9	101.8	112.1
1983	99.4	103.4	112.5	96.9	119.0	113.3	110.6	110.6	109.7	97.4	117.1
1984 [2]	98.8	100.7	(NA)	96.5	119.7	114.7	110.5	111.6	(NA)	101.0	120.4
Average annual percent change:											
1970–1975	1.4	3.4	8.8	7.4	6.5	5.6	9.4	8.0	7.0	6.0	5.6
1975–1980	.3	1.9	3.9	.5	3.2	4.0	.8	.8	2.4	1.2	1.9
1980–1984 [2]	.3	.2	[3] .2	–1.0	2.6	.7	2.1	1.8	[3] .9	–.2	1.8
Unit labor costs, national currency:											
1970	72.7	60.6	57.9	55.6	52.6	67.9	36.0	55.2	61.1	47.7	39.8
1975	91.9	86.0	91.9	85.8	86.7	94.4	77.1	100.1	96.2	77.1	79.4
1980	130.5	128.1	108.9	118.9	131.7	115.3	137.0	94.2	107.8	118.6	163.0
1983	146.4	165.9	120.4	145.3	176.5	125.6	219.2	92.6	113.0	137.1	182.8
1984 [2]	146.5	162.1	(NA)	147.8	183.1	124.3	227.7	87.2	(NA)	144.3	189.8
Average annual percent change:											
1970–1975	4.7	7.3	9.7	9.1	10.5	6.8	16.5	12.6	9.5	10.1	14.8
1975–1980	7.4	8.3	3.4	6.7	8.7	4.1	12.2	–1.2	2.3	9.0	15.5
1980–1984 [2]	2.9	6.1	[3] 3.4	5.6	8.6	1.9	13.5	–1.9	[3] 1.6	5.0	3.9
Unit labor costs, U.S. dollar basis: [6]											
1970	72.7	61.7	41.8	44.5	46.8	43.2	50.6	41.3	41.4	41.1	54.6
1975	91.5	89.8	89.8	89.8	99.5	89.2	104.3	90.4	93.5	83.2	101.1
1980	130.5	116.4	133.6	126.8	153.4	147.5	141.4	111.8	133.2	125.3	217.2
1983	146.4	143.1	84.4	95.3	113.9	114.1	127.4	104.4	97.2	79.8	158.8
1984 [2]	146.5	133.0	(NA)	85.7	103.0	101.4	114.5	98.4	(NA)	78.0	145.4
Average annual percent change:											
1970–1975	4.7	7.8	16.5	15.1	16.3	15.6	15.6	17.0	17.7	15.1	13.1
1975–1980	7.4	5.3	8.3	7.1	9.0	10.6	6.3	4.3	7.3	8.5	16.5
1980–1984 [2]	2.9	3.4	[3] –14.2	–9.3	–9.5	–8.9	–5.1	–3.1	[3] –10.0	–11.2	–9.6
Employment:											
1970	98.2	95.0	114.3	113.5	97.6	112.9	94.8	99.5	118.6	103.8	114.4
1975	93.0	101.6	108.6	100.0	101.5	102.0	99.7	99.8	107.1	103.9	102.7
1980	103.2	106.6	91.2	98.2	95.3	101.2	99.7	100.0	95.3	97.4	94.7
1983	94.4	97.0	80.8	94.8	88.2	91.1	92.6	103.4	83.6	88.0	77.0
1984 [2]	99.8	101.3	(NA)	97.9	85.7	90.0	88.9	104.8	(NA)	88.8	76.2
Average annual percent change:											
1970–1975	–1.1	1.4	–1.0	–2.5	.8	–2.0	1.0	.1	–2.0	–	–2.1
1975–1980	2.1	1.0	–3.4	–.4	–1.3	–.2	–	–	–2.3	–1.3	–1.6
1980–1984 [2]	–.8	–1.3	[3] –4.0	–.2	–2.6	–2.9	–2.8	1.2	[3] –4.3	–2.3	–5.3
Hours:											
1970	97.3	97.7	130.2	125.1	105.7	121.3	107.4	106.4	131.1	114.6	121.9
1975	91.4	101.4	107.1	100.4	101.9	100.6	95.4	96.4	107.8	105.9	101.7
1980	101.7	105.7	89.7	98.0	94.8	98.4	98.7	101.6	93.7	92.3	91.9
1983	93.5	94.9	77.5	96.8	82.6	87.7	86.2	104.8	81.5	83.9	75.2
1984 [2]	99.8	98.9	(NA)	99.9	79.9	87.0	84.2	107.7	(NA)	83.9	74.8
Average annual percent change:											
1970–1975	–1.2	.7	–3.8	–4.3	–.7	–3.7	–2.3	–1.9	–3.9	–1.6	–3.6
1975–1980	2.2	.8	–3.5	–.5	–1.4	–.4	.7	1.1	–2.8	–2.7	–2.0
1980–1984 [2]	–.5	–1.6	[3] –4.7	.5	–4.2	–3.0	–3.9	1.5	[3] –4.5	–2.3	–5.0

– Represents or rounds to zero. NA Not available. [1] Federal Republic of Germany. Includes West Berlin. [2] Preliminary. [3] 1980–1983. [4] Compensation includes, but real hourly compensation excludes, adjustments for payroll and employment taxes that are not compensation to employees, but are labor costs to employers. [5] Index of hourly compensation divided by the index of consumer prices to adjust for changes in purchasing power. [6] Indexes in national currency adjusted for changes in prevailing exchange rates.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, periodic.

No. 1487. Organization for Economic Cooperation and Development (OECD)—Index of Industrial Production: 1975 to 1984

[Minus sign (–) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

Country	Index (1980=100)						Average annual percent change					
	1975	1979	1981	1982	1983	1984	1975–1980	1980–1984	1980–1981	1981–1982	1982–1983	1983–1984
OECD, total	(NA)	(NA)	100.2	96.4	99.5	106.5	(NA)	1.6	.2	–3.9	3.3	7.0
United States	80.1	103.8	102.7	94.3	100.4	111.1	4.5	2.7	2.7	–8.2	6.6	10.7
Australia	88	100	102.4	96.8	92.0	97.6	2.6	–.6	2.4	–5.5	–5.0	6.2
Austria	80.0	97.4	98.4	97.8	98.5	103.8	4.6	1.0	–1.6	–.8	1.0	5.4
Belgium	87.0	101.2	97.2	97.0	99.0	102.5	2.8	.6	–2.8	–.2	2.1	3.5
Canada	85.0	101.5	100.9	90.1	95.5	103.6	3.3	.9	.9	–10.7	5.9	8.6
Finland	79	93	102.9	103.8	106.9	111.6	4.9	2.7	2.9	.9	3.0	4.4
France	85	100	99	97	98	100	3.4	–.1	–1.0	–1.6	.8	1.5
Germany, Fed. Rep.	85	100	99	96	96	100	3.3	–.1	–1.0	–2.9	.7	3.4
Greece	77.0	99.0	99.3	94.9	94.3	97.3	5.4	–.7	–.7	–4.4	–.6	3.1
Ireland [1]	75	101	101.6	101.7	108.6	122.9	6.2	5.3	1.4	.1	6.8	13.2
Italy	78.3	95.1	98.4	95.4	92.3	95.4	5.0	–1.2	–2.2	–3.1	–3.3	3.4
Japan	72.8	95.6	101.0	101.4	105.0	116.5	6.6	3.9	1.0	.4	3.6	10.9
Luxembourg	93.0	103.4	93.2	89.9	89.9	(NA)	1.5	1.8	–6.8	–3.5	–.1	(NA)
Netherlands	89	101	98	94	96	101	2.3	.3	–2.0	–4.1	2.1	5.2
Norway	76	95	99	99	106	113	5.7	3.1	–1.0	-	7.1	6.6
Portugal	71	95	100.5	105.1	106.8	(NA)	7.1	1.6	.5	4.6	1.6	–.4
Spain	86.6	98.8	99.0	97.8	100.5	101.4	2.9	.4	–1.0	–1.2	2.7	.9
Sweden [1]	102	100	98	97	103	110	–.4	2.3	–2.0	–1.0	6.2	6.5
Switzerland	87	95	99	96	95	97	2.7	–.8	–1.0	–3.8	–.7	2.0
United Kingdom	92.2	107.0	96.5	98.6	101.9	102.8	1.6	.7	–3.6	2.2	3.4	.9

– Represents zero. NA Not available. [1] Mining and manufacturing.

Source: Organization for Economic Cooperation and Development, Paris, France, *Main Economic Indicators, Historical Statistics, 1964-1983*, 1984; and *Main Economic Indicators*, monthly.

No. 1488. Crude Steel Production and Consumption: 1975 to 1983

[Production data cover both ingots and steel for castings and exclude wrought (puddled) iron. Consumption data represent apparent consumption (i.e. production plus imports minus exports) and do not take into account changes in stocks]

Country	Production (mil. metric tons)				Consumption							
					Total (mil. metric tons)				Per capita (kilograms)			
	1975	1980	1982	1983	1975	1980	1982	1983	1975	1980	1982	1983
World	648.2	703.5	629.0	642.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United States	[1] 105.8	[1] 101.5	[1] 67.7	[1] 76.8	116.8	115.6	85.8	94.5	541	508	370	403
Argentina	2.0	2.6	2.8	2.8	4.2	3.4	2.4	3.6	163	120	84	120
Australia	[2] 7.9	[2] 7.9	[2] 7.3	[2] 5.4	6.3	6.1	5.6	4.9	453	414	367	318
Austria	4.1	4.6	4.3	4.4	2.2	2.7	2.1	2.0	284	358	279	269
Bangladesh	.1	.1	.1	(Z)	.2	.4	.3	.3	2	4	3	3
Belgium	11.6	12.3	9.9	10.3	[3] 3.2	[3] 3.2	[3] 4.7	[3] 5.8	[3] 314	[3] 313	[3] 461	[3] 564
Brazil	7.8	10.2	7.7	8.2	11.1	14.2	10.7	7.9	108	117	85	61
Bulgaria	2.3	2.6	2.6	2.8	2.2	2.8	3.0	3.2	252	315	337	353
Canada	12.8	15.9	11.9	12.8	13.2	12.9	9.1	11.0	581	538	371	443
China: Mainland	23.9	37.1	37.2	40.1	29.1	43.3	42.1	51.7	31	43	41	50
Czechoslovakia	14.3	15.2	15.0	15.0	10.8	11.2	11.1	11.1	731	729	724	719
France	21.5	23.2	18.4	17.6	19.3	20.0	17.2	15.0	365	373	318	275
German Dem. Rep.	6.5	7.3	7.2	7.2	9.5	9.8	9.5	(NA)	566	583	570	(NA)
Germany, Fed. Rep. of	40.4	43.8	35.9	35.7	30.3	33.8	26.8	29.6	489	549	436	486
Greece	[4] 1.0	[4] 1.1	[4] .8	[4] 5.9	1.3	2.0	1.5	2.0	143	206	150	207
India	7.9	9.4	10.9	10.1	8.4	11.5	13.6	12.1	14	17	19	16
Indonesia	(NA)	(NA)	(NA)	[4] .5	1.4	2.3	2.8	2.7	11	15	18	17
Italy	21.8	26.5	24.0	21.8	17.8	26.1	20.4	18.2	321	463	360	319
Japan	102.3	111.4	99.5	97.2	64.7	73.4	63.7	59.6	580	629	538	500
Korea, Dem. Peo. Rep.	[4] 2.9	[4] 3.5	[4] 3.5	[4] 3.5	2.9	5.9	5.8	6.1	186	328	312	320
Korea, Rep. of	2.0	5.8	5.7	5.1	1.8	4.9	7.5	8.9	52	128	192	222
Mexico	5.2	7.0	6.9	6.7	6.1	10.6	8.5	7.5	102	152	117	100
Netherlands	4.8	5.0	3.0	2.9	4.5	4.6	3.7	3.4	332	328	259	237
Nigeria	(NA)	(Z)	.1	[5] .1	1.4	1.9	1.4	.9	21	24	16	10
Pakistan	(NA)	(NA)	(NA)	(NA)	.5	.6	.6	.7	8	8	7	8
Philippines	(NA)	(NA)	(NA)	(NA)	1.0	1.2	1.1	.9	24	25	22	17
Poland	14.6	18.6	14.1	16.2	17.8	19.3	14.4	14.9	524	542	398	406
Romania	9.5	13.2	13.1	12.6	9.8	12.1	11.6	10.9	463	545	517	482
South Africa	6.6	9.0	8.4	[5] 7.0	7.5	6.6	5.8	4.6	259	203	162	130
Soviet Union	141.3	132.3	147.2	152.5	141.0	(NA)	(NA)	(NA)	554	(NA)	(NA)	(NA)
Spain	11.1	12.6	13.4	13.3	10.9	8.9	9.0	9.3	306	239	237	244
Sweden	5.6	4.2	3.9	[5] 4.2	6.3	4.1	3.5	3.5	773	498	423	419
Turkey	1.5	1.7	1.9	2.5	2.7	3.4	3.3	4.2	68	76	70	88
United Kingdom	20.1	11.3	13.7	15.0	21.0	13.8	14.2	14.1	376	246	251	249
Venezuela	.9	1.8	2.3	[5] 2.2	2.3	3.0	3.4	2.6	185	199	213	158
Vietnam	(NA)	(NA)	(NA)	(NA)	.2	.2	.1	.1	4	4	2	2
Yugoslavia	2.9	2.3	2.0	2.0	5.3	5.7	5.2	5.3	248	255	231	231

NA Not available. Z Less than 50,000 metric tons. [1] Excludes steel for castings made in foundries operated by companies not producing ingots. [2] Year ending June 30. [3] Luxembourg included with Belgium. [4] Data from U.S. Bureau of Mines. [5] Estimated.

Source: Statistical Office of the United Nations, New York, NY, *Statistical Yearbook*. (Copyright.)

No. 1489. Primary Energy Production, by Source of Energy and Region: 1970 to 1983

[In millions of metric tons of coal equivalent. See text, p. 832, for general comments concerning the data]

Source of energy and year	World, total	Africa	United States and Canada	Other Western Hemisphere	Asia	Europe	Soviet Union	Oceania
Total primary energy:								
1970	7,045	486	2,309	459	1,601	911	1,216	63
1975	8,087	437	2,225	416	2,287	1,047	1,578	99
1980	9,265	584	2,327	565	2,464	1,270	1,936	119
1981	9,062	492	2,301	599	2,290	1,276	1,972	131
1982	8,986	492	2,275	627	2,117	1,315	2,021	138
1983	8,969	497	2,186	623	2,089	1,365	2,066	144
Coal and lignite:								
1970	2,148	54	526	8	394	662	459	46
1975	2,306	62	535	11	501	635	501	60
1980	2,626	98	657	15	620	654	510	71
1981	2,632	109	651	17	635	637	502	81
1982	2,704	107	663	17	673	657	503	86
1983	2,710	110	622	18	713	656	499	92
Crude petroleum: [1]								
1970	3,433	427	878	398	1,148	56	514	12
1975	3,981	356	601	334	1,674	71	715	29
1980	4,497	444	816	437	1,681	210	879	30
1981	4,247	346	803	467	1,489	226	887	30
1982	4,080	337	803	489	1,274	255	892	30
1983	4,043	339	812	481	1,197	287	898	29
Natural gas:								
1970	1,311	3	852	42	39	145	228	2
1975	1,577	14	802	53	81	276	344	6
1980	1,840	35	752	85	117	320	517	14
1981	1,862	31	744	86	117	317	552	16
1982	1,865	42	699	91	119	302	594	18
1983	1,858	41	635	92	124	311	636	19
Hydro and nuclear electricity: [2]								
1970	154	3	53	10	20	49	16	3
1975	224	5	85	16	30	65	18	4
1980	301	7	102	28	45	86	30	4
1981	320	6	104	29	48	97	31	4
1982	334	6	110	31	51	100	31	4
1983	359	7	117	33	55	110	33	4

[1] Includes natural gas liquids. [2] Includes geothermal.

Source: Statistical Office of the United Nations, New York, NY, *Energy Statistics Yearbook 1983*. (Copyright.)

No. 1490. Energy Consumption and Production, by Country: 1980 and 1983

[Metric ton = 1.1023 short tons. See text, p. 832, for general comments about the data. For additional data qualifications for countries, see source]

Country	Energy consumed [1] (coal equiv.) Total (mil. metric tons)		Energy consumed [1] (coal equiv.) Per capita (kilograms)		Electric energy production [2] (bil. kWh)		Crude petroleum production [3] (mil. metric tons)		Coal production [4] (mil. metric tons)	
	1980	1983	1980	1983	1980	1983	1980	1983	1980	1983
World, total	**8,544.3**	**8,523.8**	**1,919**	**1,820**	**8,247**	**8,797**	**2,979**	**2,648**	**2,728**	**2,829**
United States	2,364.5	2,174.8	10,386	9,304	[5] 2,354	[5] 2,368	424.2	427.5	710.4	660.5
Algeria	24.8	12.8	1,327	624	7.1	8.5	47.4	[6] 31.6	(z)	[6] (z)
Argentina	49.3	50.9	1,746	1,718	39.7	43.0	25.3	25.2	.4	.5
Australia [7]	91.2	92.0	6,195	6,006	96.1	106.3	18.9	17.7	72.5	97.8
Austria	30.5	26.7	4,058	3,564	42.0	42.6	1.5	1.3	–	–
Bahrain(NA)	4.4	4.8	12,651	12,113	1.7	2.0	2.4	[6] 2.0		(NA)
Bangladesh	3.8	4.6	44	48	2.7	3.8	(z)	[6] (z)	(x)	(x)
Belgium	59.1	48.9	5,997	4,950	53.6	52.7	(x)	(x)	6.3	7.5
Brazil	92.5	85.7	763	660	139.5	162.0	9.1	16.6	5.2	6.7
Bulgaria	47.3	50.2	5,254	5,488	34.8	42.5	[6] .3	[6] .3	.3	.2
Burma	2.2	2.5	62	66	1.3	1.9	1.6	[6] 1.5	(z)	[6] (z)
Canada	254.2	238.6	10,547	9,546	377.5	408.4	70.4	66.4	20.2	22.6
Chile	11.4	10.6	1,025	909	11.8	12.6	1.6	1.8	1.0	1.0
China: Mainland	562.8	629.1	571	616	300.6	351.4	105.9	106.1	595.8	687.6
Taiwan [8]	37.9	41.2	2,127	2,192	42.0	47.5	.2	.1	2.6	2.2
Colombia	23.8	25.0	923	909	22.9	27.1	6.5	7.9	4.9	[6] 6.0
Cuba	13.6	13.7	1,394	1,385	9.9	11.6	.3	.7	(x)	(x)
Czechoslovakia	97.4	96.9	6,364	6,243	72.7	76.3	.1	.1	[6] 28.3	[9] 26.9

See footnotes at end of table.

NO. 1490. ENERGY CONSUMPTION AND PRODUCTION, BY COUNTRY: 1980 AND 1983—Continued

[Metric ton=1.1023 short tons. See text, p. 832, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	ENERGY CONSUMED [1] (coal equiv.) Total (mil. metric tons)		ENERGY CONSUMED [1] (coal equiv.) Per capita (kilograms)		ELECTRIC ENERGY PRODUCTION [2] (bil. kWh)		CRUDE PETROLEUM PRODUCTION [3] (mil. metric tons)		COAL PRODUCTION [4] (mil. metric tons)	
	1980	1983	1980	1983	1980	1983	1980	1983	1980	1983
Denmark	26.9	22.2	5,254	4,313	27.1	22.2	.3	2.2	[7](X)	(X)
Ecuador	5.7	5.8	708	657	3.4	4.3	10.4	12.0	(NA)	(NA)
Egypt	20.1	25.9	488	582	18.9	23.5	29.4	36.0	(X)	(X)
Ethiopia	.9	.8	27	24	.7	.8	(X)	(X)	(NA)	(NA)
Finland	26.4	21.6	5,514	4,460	[5] 38.7	[5] 40.2	(X)	(X)	(X)	(X)
France [10]	237.3	208.2	4,409	3,832	[5] 246.4	[5] 283.4	1.2	1.7	[9] 20.2	[9] 18.6
German Dem. Rep	121.8	121.8	7,276	7,301	98.8	104.9	.1	[6].1	(Z)	(Z)
Germany, Fed. Rep	359.4	339.7	5,829	5,538	368.8	373.8	4.6	4.1	94.5	89.6
Greece	20.1	21.4	2,088	2,179	22.7	22.3	(Z)	1.2	(X)	(X)
Hong Kong	7.3	10.2	1,448	1,884	12.6	16.5	(NA)	(NA)	(X)	(X)
Hungary	40.6	39.8	3,787	3,697	23.9	25.8	2.0	2.0	[9] 3.1	[9] 2.8
India	139.4	169.3	202	231	119.3	148.0	9.4	25.1	109.1	133.3
Indonesia	34.7	38.3	230	240	14.2	15.3	77.6	66.0	.3	.5
Iran	[11] 45.7	47.3	[11] 1,177	1,114	[11] 22.4	30.0	[11] 72.7	123.1	[6] [11] .9	[6] .8
Iraq	10.7	9.2	807	630	11.4	13.7	130.1	46.8	(NA)	(NA)
Ireland	11.1	11.2	3,268	3,185	10.9	11.2	(X)	(X)	.1	.1
Israel	8.8	10.2	2,273	2,460	12.5	14.6	(Z)	[6](Z)	(X)	(X)
Italy [12]	174.9	172.6	3,112	3,051	185.7	182.9	1.8	2.2	[6](Z)	[6](Z)
Japan	434.8	403.9	3,726	3,397	577.5	602.4	.4	.4	18.0	17.1
Korea, Dem. Peo. Rep	48.5	52.3	2,713	2,726	35.0	41.0	(X)	(X)	[6] 36.0	[6] 38.0
Korea, Republic of	52.3	57.8	1,373	1,454	40.1	53.0	(X)	(X)	18.6	19.0
Kuwait [13]	6.9	8.5	5,019	5,224	9.4	12.8	84.1	53.5	(NA)	(NA)
Libya	7.3	19.1	2,456	5,713	4.8	7.2	88.3	[6] 52.5	(X)	(X)
Malaysia	12.2	13.3	882	896	10.2	12.1	13.2	19.0	(X)	(X)
Mexico	118.6	130.4	1,709	1,736	[5] 67.0	[5] 82.3	99.9	138.6	7.0	[6] 7.8
Morocco	6.4	6.6	319	301	4.9	6.0	(Z)	[6](Z)	.7	.8
Netherlands	93.0	91.9	6,543	6,380	64.8	59.6	1.3	2.6	(Z)	(Z)
New Zealand	10.0	11.7	3,152	3,605	22.0	25.5	.3	[6].6	2.0	[6] 2.2
Nigeria	11.0	17.0	136	191	7.2	8.5	104.2	61.2	.2	[6](Z)
Norway [14]	26.3	23.8	6,423	5,751	84.1	106.2	24.6	30.6	.3	.5
Pakistan	16.6	21.7	191	226	15.3	19.6	.5	.6	1.5	1.9
Peru	12.0	11.8	693	630	9.8	9.3	9.6	8.5	[6].1	[6].1
Philippines	16.7	16.3	346	313	17.9	20.8	.5	.7	.3	1.0
Poland	176.8	161.4	4,935	4,376	121.9	125.8	.3	.2	193.1	191.1
Portugal	11.2	13.2	1,153	1,331	15.3	18.2	(X)	(X)	.2	.2
Romania	100.0	101.4	4,505	4,462	67.5	70.3	11.5	11.6	8.1	7.8
Saudi Arabia [15]	25.3	37.4	2,745	3,591	18.9	32.0	495.9	252.7	(NA)	(NA)
South Africa [16]	90.2	99.9	2,751	2,827	90.4	109.2	(X)	(X)	116.6	139.6
Soviet Union	1,473.1	1,611.5	5,549	5,900	1,293.9	1,408.1	603.2	616.3	492.9	486.8
Spain	88.4	81.8	2,359	2,130	110.5	115.5	1.6	3.0	[9] 13.1	[9] 9 15.8
Sudan	1.5	1.6	82	79	1.0	1.0	(X)	(X)	(NA)	(NA)
Sweden	44.5	38.8	5,376	4,681	96.7	109.6	(Z)	(Z)	(Z)	(Z)
Switzerland [16]	23.3	23.6	3,636	3,720	[5] 48.1	[5] 51.8	(X)	(X)	(X)	(X)
Syria	7.3	9.1	835	930	3.8	6.2	8.3	9.4	(X)	(X)
Tanzania	.8	.9	44	43	.7	.7	(X)	(X)	(Z)	[6](Z)
Thailand	17.3	17.4	372	352	15.1	18.9	(Z)	[6](Z)	(Z)	[6](Z)
Trinidad and Tobago	7.5	6.4	6,992	5,830	2.0	2.3	11.0	[6] 8.3	(NA)	(NA)
Tunisia	4.1	4.3	639	631	2.8	3.5	5.6	5.6	(X)	(X)
Turkey	31.9	35.5	718	744	23.3	27.3	2.3	2.2	3.6	[6] 4.1
United Arab Emirates	16.8	23.0	17,188	19,198	6.3	7.9	82.8	[6] 53.6	(NA)	(NA)
United Kingdom	271.0	260.6	4,850	4,670	264.9	276.2	78.9	111.4	[9] 130.1	[9] 119.3
Venezuela	49.0	50.1	3,140	2,903	35.9	41.7	114.8	95.2	(Z)	(Z)
Vietnam	6.6	7.2	122	125	3.8	4.2	(NA)	(NA)	5.2	[6] 6.0
Yugoslavia	48.0	52.9	2,152	2,313	59.4	71.5	4.2	4.1	.4	.4
Zaire	2.0	2.1	69	68	4.2	4.2	1.0	[6] 1.1	.1	.1
Zambia	2.3	2.2	403	354	[5] 9.2	[5] 10.1	(X)	(X)	.6	.5

– Represents zero. NA Not available. X Not applicable. Z Less than 50,000 metric tons. [1] Based on apparent consumption of coal, lignite, petroleum products, natural gas, and hydro, nuclear, and geothermal electricity. [2] Comprises production by utilities generating primarily for public use, and production by industrial establishments generating primarily for own use. Relates to production at generating centers, including station use and transmission losses. [3] Includes shale oil, but excludes natural gasoline. [4] Excludes lignite and brown coal, except as noted. [5] Net production, i.e. excluding station use. [6] United Nations Statistical Office estimate. [7] For year ending June 30 of year shown. [8] Source: U.S. Bureau of the Census. Data from Republic of China publications. [9] Includes slurries. [10] Includes Monaco. [11] For year ending March 20 of year shown. [12] Includes San Marino. [13] Includes share of production and consumption in the Neutral Zone. [14] Includes Svalbard and Jan Mayen Islands. [15] Includes Botswana, Lesotho, Namibia, and Swaziland. [16] Includes Liechtenstein.

Source: Except as noted, Statistical Office of the United Nations, New York, NY, *Energy Statistics Yearbook, 1983.* (Copyright.)

NO. 1491. WHEAT, RICE, AND CORN PRODUCTION, BY COUNTRY: 1981 TO 1983

[**In thousands of metric tons.** Rice data cover rough and paddy. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, p. 832, for general comments concerning quality of the data]

COUNTRY	WHEAT			RICE			CORN		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
World, total	**453,821**	**486,423**	**498,182**	**411,814**	**423,464**	**449,827**	**452,030**	**451,080**	**344,103**
United States	76,169	76,538	66,010	8,289	6,967	4,523	208,330	212,338	106,781
Afghanistan	2,850	2,862	[1] 3,750	475	473	[1] 650	[1] 798	800	[1] 1,000
Argentina	8,300	15,130	11,700	286	437	277	12,900	9,600	8,840
Australia	16,360	8,879	21,780	728	854	522	173	212	95
Austria	1,025	1,236	1,415	(NA)	(NA)	(NA)	1,374	1,551	1,437
Bangladesh	1,093	967	1,095	20,444	21,322	21,700	1	1	[2] 1
Belgium [3]	926	1,068	[2] 1,084	(NA)	(NA)	(NA)	38	[1] 36	[2] 38
Brazil	2,209	1,849	2,273	8,228	9,716	7,760	21,117	21,865	18,756
Bulgaria	4,443	4,913	3,600	74	75	72	2,401	3,418	3,101
Burma	117	124	183	14,147	14,758	[2] 14,500	166	206	301
Cambodia	(NA)	(NA)	(NA)	[1] 1,160	1,400	1,700	[2]98	46	[2] 60
Canada	24,802	26,790	26,914	(NA)	(NA)	(NA)	6,673	6,513	5,875
Chile	686	650	[2] 800	100	131	107	518	425	[1] 512
China: Mainland [2]	59,643	68,422	81,392	147,042	164,493	172,184	59,301	60,413	64,135
Colombia	62	[1] 69	[1] 73	1,799	2,018	1,780	880	899	[1] 867
Cuba	(NA)	(NA)	(NA)	461	520	490	[2] 95	[2] 96	[2] 96
Czechoslovakia	4,325	4,606	[1] 5,820	(NA)	(NA)	(NA)	706	941	[2] 710
Denmark	835	1,207	1,577	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Ecuador	41	39	[1] 23	434	384	222	281	324	[1] 256
Egypt	1,938	2,017	1,996	2,236	2,441	2,440	3,308	3,347	[1] 3,510
Ethiopia	707	917	[2] 950	(NA)	(NA)	(NA)	1,200	1,603	[2] 1,600
Finland	235	435	550	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
France	22,857	25,342	24,781	20	27	32	8,956	10,381	10,143
German Dem. Rep	2,942	2,739	3,470	(NA)	(NA)	(NA)	3	1	[1] 1
Germany, Fed. Rep	8,313	8,632	8,998	(NA)	(NA)	(NA)	832	1,054	934
Greece	2,780	2,983	2,026	78	83	78	1,337	1,448	1,622
Hungary	4,614	5,762	[2] 4,800	39	48	[2] 40	6,998	7,959	[2] 7,600
India	36,313	37,452	42,502	79,883	69,648	[2] 90,000	6,897	6,274	[2] 7,300
Indonesia	(NA)	(NA)	(NA)	32,774	34,104	34,300	4,509	3,207	[1] 4,000
Iran	[1] 6,518	[1] 6,500	[2] 6,669	[2] 1,500	[2] 1,400	[2] 1,400	[2] 50	[2] 53	[2] 55
Iraq	902	965	1,000	162	163	[2] 200	39	28	[2] 90
Ireland	280	400	[1] 350	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Israel	215	147	335	(NA)	(NA)	(NA)	[2] 15	22	26
Italy	8,830	8,903	8,514	893	964	1,060	7,197	6,847	6,900
Japan	587	742	747	12,824	12,838	12,958	3	2	[2] 2
Korea, Dem. Peo. Rep [2]	400	450	500	4,900	5,000	5,200	2,250	2,330	2,500
Korea, Republic of	57	66	112	7,149	7,308	7,608	145	117	101
Laos	(NA)	(NA)	(NA)	1,155	1,088	1,002	33	35	39
Madagascar	[4]	[4]	[4]	2,012	1,967	2,147	121	113	115
Malaysia	(NA)	(NA)	(NA)	2,177	1,832	2,000	8	9	[2] 9
Mexico	3,189	4,468	3,697	644	600	655	14,766	10,129	13,928
Nepal	477	526	657	2,560	1,833	2,744	752	718	768
Netherlands	882	967	1,043	(NA)	(NA)	(NA)	[2] 2	[2] 2	[4]
New Zealand	326	321	280	(NA)	(NA)	(NA)	152	214	[1] 176
Pakistan	11,474	11,304	12,414	5,145	5,167	5,210	931	1,005	[1] 1,000
Panama	(NA)	(NA)	(NA)	195	176	[1] 169	57	62	[1] 68
Peru	119	101	75	712	765	770	587	625	583
Philippines	(NA)	(NA)	(NA)	8,108	7,731	8,150	3,290	3,126	3,385
Poland	4,203	4,476	5,165	(NA)	(NA)	(NA)	65	68	64
Portugal	315	437	281	112	143	[1] 100	419	464	[1] 475
Romania	5,310	6,460	[1] 5,000	49	46	50	11,892	12,620	[2] 10,500
South Africa	2,340	2,420	1,770	[2] 3	[2] 3	[2] 3	14,660	8,359	3,910
Soviet Union [2]	80,000	87,000	82,000	2,400	2,500	2,500	8,000	12,000	14,000
Spain	3,409	4,410	4,330	444	402	223	2,157	2,330	1,788
Sri Lanka	(NA)	(NA)	(NA)	2,229	2,156	2,200	24	[2] 24	[2] 25
Sweden	1,066	1,490	1,721	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Switzerland	409	433	436	(NA)	(NA)	(NA)	139	173	136
Syria	2,087	1,556	1,612	[4]	[4]	[4]	46	50	[1] 70
Thailand	(NA)	(NA)	(NA)	17,774	16,878	18,535	3,449	3,002	3,552
Turkey	17,000	17,542	16,400	330	350	[2] 325	1,200	1,360	[2] 1,375
United Kingdom	8,707	10,320	10,880	(NA)	(NA)	(NA)	[2] 1	[2] 1	[2] 1
Uruguay	388	316	[1] 450	330	419	[1] 332	181	97	[1]103
Venezuela	[4]	[4]	[4]	681	670	509	452	501	429
Vietnam	(NA)	(NA)	(NA)	12,570	14,500	[2] 14,500	[2] 460	437	[2] 420
Yugoslavia	4,270	5,218	5,519	42	42	40	9,807	11,126	10,688

NA Not available. [1] Unofficial figure. [2] FAO estimate. [3] Includes Luxembourg. [4] None or negligible.

Source: Food and Agriculture Organization of the United Nations, Rome, Italy, *1983 FAO Production Yearbook*, vol. 37, (copyright).

No. 1492. Wheat, Rice and Corn—Exports and Imports of 10 Leading Countries: 1981 to 1983

[In thousands of metric tons. Countries listed are the ten leading exporters or importers in 1983]

Leading exporters	Exports			Leading importers	Imports		
	1981	1982	1983		1981	1982	1983
Wheat				**Wheat**			
United States	43,909	40,522	38,491	Soviet Union	16,500	20,900	21,700
Canada	15,495	19,204	21,808	China: Mainland	13,663	14,264	12,101
France	12,785	10,736	13,409	Japan	5,633	5,713	5,816
Argentina	3,762	3,801	10,182	Egypt	3,949	3,904	4,230
Australia	10,552	10,912	8,215	Brazil	4,360	4,224	4,182
Soviet Union	1,600	1,633	1,800	India	1,400	2,400	3,980
United Kingdom	1,511	2,354	1,324	Italy	3,016	3,416	2,801
Germany, Fed. Rep.	496	925	1,113	Iran	1,599	1,769	2,500
Hungary	1,298	1,147	1,107	Poland	3,448	3,602	2,368
Belgium-Luxembourg	524	471	741	Iraq	1,621	1,914	2,210
Rice				**Rice**			
Thailand	3,027	3,783	3,534	Indonesia	538	310	1,169
United States	3,132	2,540	2,385	Nigeria	600	651	700
China: Mainland	685	776	1,087	Iran	587	432	451
Pakistan	1,244	951	905	Iraq	350	370	440
Burma	674	701	842	Saudi Arabia	427	471	400
Italy	579	532	547	Malaysia	317	403	385
Australia	281	596	405	Hong Kong	360	365	371
Japan	855	318	329	Senegal	322	359	360
Korea, Dem. Peo. Rep	300	300	200	Ivory Coast	335	357	359
Uruguay	203	246	196	France	244	268	340
Corn				**Corn**			
United States	54,856	48,942	47,645	Japan	13,590	13,571	14,701
Argentina	9,163	5,226	6,525	Soviet Union	14,630	11,400	5,850
France	2,355	3,186	4,455	China: Mainland	3,287	4,117	5,569
Thailand	2,547	2,801	2,646	Mexico	3,065	233	4,687
Belgium-Luxembourg	1,486	1,790	1,585	Spain	4,830	5,431	4,420
Yugoslavia	220	205	1,331	Korea, Rep. of	3,051	2,854	4,057
South Africa	4,400	3,900	1,300	Belgium-Luxembourg	2,576	3,057	3,156
Brazil	7	544	766	Portugal	2,663	2,431	2,300
Romania	1,395	689	600	Netherlands	2,622	2,278	2,117
Zimbabwe	242	352	590	United Kingdom	2,235	2,122	1,822

Source: U.S. Dept. of Agriculture, Economic Research Service. Data from Food and Agriculture Organization of the United Nations, Rome, Italy, *FAO Trade Yearbook.*

No. 1493. Meat—Production, by Country: 1980 to 1982

[In thousands of metric tons. Covers beef and veal (incl. buffalo meat), pork (incl. bacon and ham), and mutton and lamb (incl. goat meat). Refers to meat from animals slaughtered within the national boundaries irrespective of origin of animals, and relates to commercial and farm slaughter. In terms of carcass weight. Excludes lard, tallow, and edible offals. See text, p. 832, for general comments concerning the data]

Country	1980	1981	1982, est.	Country	1980	1981	1982, est.
World, total	**110,222**	**110,994**	**111,239**	Indonesia	310	312	316
				Iran	459	462	471
United States	17,680	17,706	17,057	Italy	2,305	2,285	2,313
				Japan	1,893	1,867	1,908
Argentina	3,267	3,302	2,927	Kenya	235	255	267
Australia [1]	2,332	2,281	2,307	Mexico	1,145	1,151	1,172
Belgium [2]	985	1,004	994	Netherlands	1,565	1,648	1,605
Brazil	3,115	3,141	3,322	New Zealand [1]	1,091	1,158	1,170
Canada	1,852	1,891	1,887	Nigeria	459	471	484
China: Mainland	19,364	19,850	20,570	Pakistan	657	689	704
Czechoslovakia	1,210	1,233	1,130	Poland	2,397	1,861	2,049
Denmark	1,218	1,232	1,223	Romania	1,359	1,361	1,374
France	3,880	3,925	3,815	Soviet Union	12,609	12,657	12,562
German Dem. Rep.	1,612	1,705	1,663	Spain	1,545	1,579	1,640
Germany, Fed. Rep. of	4,800	4,771	4,647	United Kingdom	2,307	2,263	2,187
Hungary	1,065	1,054	1,080	Yugoslavia	1,117	1,133	1,154
India	654	688	707				

[1] Year ending June 30 for Australia and September 30 for New Zealand. [2] Includes Luxembourg.

Source: Statistical Office of the United Nations, New York, NY, *Statistical Yearbook.* (Copyright.)

No. 1494. Transportation—Shipping, Railways, and Aviation, by Country: 1982

[See text, p. 832, for general comments about the data. Statistical coverage of all these items varies considerably among countries; for details, see source]

Country	Merchant shipping fleets,[1] (1,000 gross tons)	Rail traffic[2] Passenger-kilometers (mil.)	Rail traffic[2] Freight, net-ton kilometers (mil.)	Civil aviation, kilometers flown,[3] (mil.)
World, total	**424,742**	(NA)	(NA)	[4] **9,010**
United States	[5] 19,111	[6] [7] 17,695	[6] [7] 1,341,717	4,137.1
Algeria	1,365	(NA)	(NA)	29.8
Angola	90	(NA)	(NA)	11.4
Argentina	2,256	10,153	11,472	75.9
Australia	1,875	(NA)	[8] 37,320	201.2
Austria	101	7,217	10,104	23.1
Belgium	2,271	6,879	6,774	49.8
Brazil	5,678	[9] 13,133	[9] [10] 79,269	203.4
Bulgaria	1,248	7,092	[10] 18,276	16.4
Canada	[5] 3,213	[10] 1,608	[10] 200,844	329.9
Chile	495	1,506	1,773	26.3
China:				
Mainland	8,057	[9] 146,987	[9] 570,134	64.7
Taiwan[11]	2,481	6,173	2,175	34.8
Colombia	314	[9] 230	[9] [10] 625	70.8
Cuba	949	2,073	2,550	15.6
Czechoslovakia	185	19,043	71,585	19.5
Denmark	5,214	[9] [12] 4,003	[9] [13] 1,574	34.8
Dominican Republic	35	(NA)	(NA)	5.5
Ecuador	354	[14] 69	[14] 29	19.4
Egypt	636	[6] 10,995	[14] 2,472	34.9
Finland	2,377	3,326	8,000	37.1
France	10,771	56,854	[15] 60,554	270.7
German Dem. Rep	1,439	24,785	63,009	(NA)
Germany, Fed. Rep. of	7,707	36,828	57,264	198.7
Ghana	257	[9] 314	[9] 92	3.0
Greece	40,035	1,501	[16] 586	40.4
Hong Kong	3,499	407	60	(NA)
Hungary	82	11,871	22,725	17.6
India	6,214	[9] [17] 220,787	[9] [17] 164,253	92.5
Indonesia	1,847	6,293	885	101.2
Iran	1,313	[9] 2,526	[9] 3,861	14.9
Iraq	1,521	(NA)	(NA)	13.3
Ireland	239	887	670	19.7
Israel	676	221	827	27.6
Italy	10,375	40,224	16,836	129.4
Ivory Coast	152	888	[10] 612	4.5
Jamaica	(NA)	(NA)	(NA)	14.5
Japan	41,594	314,940	31,320	373.2
Korea, Rep. of	5,529	[9] 21,528	10,716	74.0
Kuwait	2,014	(NA)	(NA)	23.6
Lebanon	368	(NA)	(NA)	32.1
Liberia	70,718	(NA)	(NA)	(NA)
Libya	912	(NA)	(NA)	14.9
Malaysia	1,195	[18] [19] 1,615	[18] [19] 1,091	44.3
Mexico	1,252	5,316	37,600	155.5
Morocco	394	[9] 1,197	[9] 3,967	17.7
Netherlands	5,393	9,376	2,887	[20] 112.1
New Zealand	250	[21] 396	[21] 3,265	45.2
Nigeria	463	(NA)	[10] [17] 972	22.4
Norway	21,862	2,242	2,479	56.1
Pakistan	580	[22] 16,325	[22] 6,931	44.0
Panama	32,600	(NA)	(NA)	7.4
Peru	836	(NA)	(NA)	27.6
Philippines	2,774	284	21	45.7
Poland	3,651	49,266	112,689	11.8
Portugal	1,402	5,412	1,056	39.2
Romania	2,203	[16] 25,578	[10] 71,110	17.1
Saudi Arabia	4,302	105	393	99.4
Singapore	7,183	([18])	([18])	68.5
South Africa	776	(NA)	[21] [23] 82,026	72.1
Soviet Union	23,789	347,852	3,464,480	125.1
Spain	8,131	14,703	10,038	160.5
Sri Lanka	125	[24] 3,121	[24] 217	10.1
Sweden	3,788	6,550	14,250	69.1
Switzerland	315	10,310	6,504	98.3
Syria	43	408	708	9.6
Thailand	442	[24] 9,231	[24] 2,421	50.8
Trinidad and Tobago	(NA)	(NA)	(NA)	13.9
Tunisia	136	[16] 944	[10] 1,575	15.3
Turkey	2,128	5,436	6,012	12.2
United Kingdom	22,505	[25] 27,780	[25] 15,876	[26] 367.5
Uruguay	202	[9] 339	[9] 205	5.5
Venezuela	911	19	29	58.1
Yugoslavia	2,532	10,824	25,812	28.5
Zaire	92	(NA)	(NA)	8.3
Zambia	(NA)	(NA)	(NA)	8.4

NA Not available. [1] As of June 30. Represents gross registered tons (see text, p. 616). Excludes vessels without mechanical means of propulsion; includes sailing vessels with auxiliary power. Estimated. [2] Relates to domestic and international traffic on all railway lines within each country shown, excluding railways entirely within an urban unit and plantation, industrial mining, funicular, and cable railways. In general, passenger-kilometers include all passengers except military, government, and railway personnel when carried without revenue; ton-kilometers relate to freight net ton-kilometers and include all goods whether carried by fast or ordinary trains except service traffic, mail, baggage, and nonrevenue governmental stores. [3] Covers both domestic and international scheduled services operated by companies registered in each country. Includes supplementary services occasioned by overflow traffic on regularly scheduled trips and preparatory flights for new scheduled services. [4] Excludes Soviet Union. [5] Includes the Great Lakes. [6] For 1980. [7] Class I railways only. [8] Year ending June 30. [9] For 1981. [10] Includes service traffic. [11] Source: U.S. Bureau of the Census. Data from Republic of China publications. [12] Includes ferry traffic. [13] Includes passengers' baggage and parcel post. [14] For 1979. [15] Includes passengers' baggage. [16] Includes military traffic. [17] Year beginning Apr. 1. [18] Data for Singapore included in Malaysia. [19] West Malaysia only. [20] Includes data for airlines based in the Netherlands territories and dependencies. [21] Year ending March 31. [22] Year beginning July 1. [23] Includes Namibia. [24] Year ending Sept. 30. [25] Excludes Northern Ireland. [26] Includes data for airlines based in the United Kingdom territories and dependencies.

Source: Except as noted, Statistical Office of the United Nations, New York, NY, *Statistical Yearbook* (copyright).

NO. 1495. FOREIGN TRADE OF SELECTED COUNTRIES—SOURCE OF IMPORTS AND DESTINATION OF EXPORTS: 1984

[**in billions of dollars, except percent.** All exports are f.o.b. (free on board) and all imports are c.i.f. (cost insurance freight) except for U.S., Australian and Canadian imports, which are f.o.b.]

COUNTRY	Total [1]	O.E.C.D.[2]		Soviet Union and Eastern Europe	China: Mainland, Vietnam, Dem. Peo. Rep. of Korea	O.P.E.C.[4]	Other developing countries [5]	Africa	America [6]	Middle East [7]	Far East [8]
		Total	E.E.C.[3]								
IMPORTS											
United States	325.7	197.7	57.4	2.2	3.1	26.6	93.7	14.4	47.9	8.1	51.9
Australia [9]	19.4	14.4	4.1	.1	.2	1.6	2.8	.1	.2	1.5	2.5
Austria	19.6	15.0	11.8	2.3	(z)	.9	1.2	.8	.4	.3	.5
Belgium [9 10]	54.1	46.0	36.5	1.5	.1	2.4	3.8	2.5	1.3	1.6	1.0
Canada	74.0	65.6	6.4	.2	.3	1.7	6.1	.8	3.5	.2	3.3
Denmark	16.6	13.7	7.7	.8	.1	.5	1.2	.3	.5	.5	.5
France	103.4	75.0	52.1	3.8	.5	11.9	10.8	11.0	3.4	5.9	2.5
Germany, F.R.	152.0	115.9	73.2	8.1	.9	9.7	16.5	9.2	5.7	3.6	6.6
Italy	84.3	53.1	36.5	6.1	.4	13.3	9.6	10.7	3.6	7.2	1.9
Japan	136.1	53.1	9.3	1.8	6.1	41.3	32.1	3.1	7.1	32.6	31.8
Netherlands	62.0	46.1	32.9	2.9	.2	6.1	6.6	3.6	2.6	3.7	2.6
Spain	28.8	15.5	9.6	.9	.1	7.0	5.1	3.8	3.4	4.4	.6
Sweden	26.3	22.6	13.9	1.5	.1	.4	1.8	.4	.8	.1	.8
Switzerland	29.4	25.4	19.8	.9	.1	1.0	1.9	1.0	.6	.4	.9
United Kingdom	105.2	85.9	47.0	2.3	.4	3.4	11.9	4.3	3.1	2.5	6.0
PERCENT											
United States	100.0	60.7	17.6	.7	.9	8.2	28.8	4.4	14.7	2.5	15.9
Australia [9]	100.0	74.2	21.0	.5	1.2	8.5	14.7	.6	1.0	7.8	13.0
Austria	100.0	76.7	60.4	11.6	.2	4.8	6.3	4.2	2.1	1.6	2.3
Belgium [9 10]	100.0	85.0	67.4	2.8	.2	4.4	7.0	4.5	2.4	2.9	1.9
Canada	100.0	88.7	8.6	.3	.4	2.3	8.2	1.1	4.7	.3	4.5
Denmark	100.0	82.9	46.4	5.0	.6	3.3	7.5	1.8	3.3	2.8	2.9
France	100.0	72.5	50.3	3.7	.4	11.5	10.4	10.7	3.3	5.7	2.4
Germany, F.R.	100.0	76.2	48.2	5.3	.6	6.4	10.9	6.1	3.8	2.4	4.4
Italy	100.0	62.9	43.3	7.2	.5	15.7	11.4	12.6	4.3	8.5	2.3
Japan	100.0	39.0	6.8	1.3	4.5	30.4	23.6	2.3	5.2	24.0	23.4
Netherlands	100.0	74.4	53.1	4.7	.3	9.8	10.7	5.8	4.3	6.0	4.2
Spain	100.0	54.0	33.4	3.1	.4	24.2	17.7	13.2	11.7	15.1	2.0
Sweden	100.0	85.7	52.8	5.7	.3	1.4	6.7	1.3	2.9	.4	3.1
Switzerland	100.0	86.6	67.3	3.1	.3	3.3	6.5	3.5	2.0	1.3	3.0
United Kingdom	100.0	81.6	44.7	2.2	.4	3.3	11.3	4.1	2.9	2.3	5.7
EXPORTS											
United States	217.9	133.1	47.0	4.2	3.0	14.4	60.6	8.8	29.7	11.1	26.8
Australia	23.9	13.9	3.2	.8	.8	1.6	5.8	.8	.2	1.5	4.4
Austria	15.7	11.4	8.4	1.9	.1	1.0	1.2	.6	.2	.8	.3
Belgium [9 10]	51.8	43.8	36.3	1.1	.2	2.1	3.9	1.8	.4	2.1	1.6
Canada	86.9	77.3	5.5	1.9	1.0	1.6	5.0	1.2	2.3	.8	2.2
Denmark	15.9	13.1	6.9	.3	.1	.8	1.6	.6	.5	.6	.5
France	93.1	66.2	45.5	3.0	.4	9.1	13.9	10.9	3.4	5.4	2.6
Germany, F.R.	171.0	134.3	81.7	7.1	1.1	9.8	15.9	7.4	4.2	8.3	5.9
Italy	73.4	52.0	33.3	2.5	.5	8.6	8.6	5.9	2.0	6.6	2.0
Japan	169.8	95.1	19.4	3.0	7.6	15.8	46.5	6.2	8.0	12.4	36.7
Netherlands	65.6	56.5	47.2	.8	.2	2.6	4.3	2.0	.8	2.2	1.6
Spain	23.5	16.3	11.5	.6	.2	2.1	3.9	2.6	1.3	1.5	.6
Sweden	29.3	24.4	14.0	.7	.1	1.5	2.4	1.0	.6	1.3	1.1
Switzerland	25.8	19.7	13.0	.8	.1	1.8	3.2	1.0	.9	1.8	1.4
United Kingdom	94.2	72.1	42.2	1.7	.4	6.7	11.4	5.5	2.0	6.4	5.2
PERCENT											
United States	100.0	61.1	21.6	1.9	1.4	6.6	27.8	4.1	13.6	5.1	12.3
Australia	100.0	58.4	13.4	3.5	3.2	6.7	24.4	3.2	.9	6.1	18.6
Austria	100.0	72.8	53.3	12.1	.6	6.4	7.5	3.9	1.1	5.1	1.7
Belgium [9 10]	100.0	84.5	70.0	2.1	.4	4.0	7.6	3.6	.9	4.0	3.2
Canada	100.0	89.0	6.4	2.1	1.1	1.8	5.7	1.4	2.7	1.0	2.6
Denmark	100.0	82.3	43.6	1.9	.5	4.7	10.1	4.0	3.2	3.9	2.9
France	100.0	71.1	48.9	3.2	.4	9.8	14.9	11.7	3.7	5.8	2.8
Germany, F.R.	100.0	78.5	47.8	4.2	.6	5.7	9.3	4.3	2.5	4.8	3.5
Italy	100.0	70.8	45.4	3.4	.6	11.7	11.8	8.0	2.7	9.0	2.7
Japan	100.0	56.0	11.4	1.8	4.5	9.3	27.4	3.7	4.7	7.3	21.6
Netherlands	100.0	86.1	71.9	1.3	.3	3.9	6.5	3.1	1.3	3.4	2.5
Spain	100.0	69.2	49.1	2.5	.8	9.1	16.7	11.0	5.6	6.4	2.5
Sweden	100.0	83.1	47.9	2.6	.5	5.1	8.1	3.3	2.1	4.3	3.6
Switzerland	100.0	76.2	50.3	2.9	.5	7.1	12.4	3.8	3.4	7.0	5.3
United Kingdom	100.0	76.5	44.8	1.8	.5	7.2	12.1	5.8	2.1	6.8	5.5

Z Less than $50 million. [1] Includes other areas not shown separately. [2] Organization for Economic Cooperation and Development. For member countries, see text, pp. 831 and 832. [3] European Economic Community comprises Belgium-Luxembourg, Denmark, France, Federal Republic of Germany, Greece, Ireland, Italy, Netherlands, and United Kingdom. [4] Organization of Petroleum Exporting Countries. For member countries, see footnote 6, table 1503. [5] Comprises trade with all countries other than China: Mainland, Democratic People's Republic of Korea, Vietnam, South Africa, Soviet Union, Eastern Europe, and members of O.P.E.C. and O.E.C.D. [6] All countries comprising the continent except Canada and the United States. [7] Comprises Syria, Lebanon, Israel, Gaza Strip, Jordan, Iraq, Saudi Arabia, People's Democratic Republic of Yemen, Yemen Arab Republic, Kuwait, Bahrain, United Arab Emirates, Qatar, Oman, and Iran. [8] All countries comprising the continent of Asia except Japan, China: Mainland, Democratic People's Republic of Korea, Vietnam, and those countries listed under Middle East. [9] 1983 data. [10] Includes Luxembourg.

Source: Organization for Economic Cooperation and Development, Paris, France. Data derived from *Monthly Statistics of Foreign Trade*, series A, May 1985.

No. 1496. Reserve Assets and International Transaction Balances: 1980 to 1984

[In millions of U.S. dollars. Assets include holdings of convertible foreign currencies, special drawing rights, and reserve position in International Monetary Fund and exclude gold holdings. Minus sign (−) indicates debits]

Country	Total reserve assets				Current account balance			Merchandise trade balance		
	1980	1983	1984		1980	1983	1984	1980	1983	1984
			Total	Currency holdings [1]						
United States	15,600	22,630	23,840	6,660	1,860	−40,860	−101,600	−25,550	−62,020	−108,270
Algeria	3,773	1,880	1,464	1,191	249	−86	(NA)	4,056	3,226	(NA)
Argentina	6,719	1,172	1,243	1,242	−4,774	−2,436	(NA)	−1,373	3,716	(NA)
Australia	1,690	8,869	7,441	7,049	−4,136	−5,787	−8,251	1,378	18	−1,039
Austria	5,280	4,515	4,244	3,586	−1,725	177	−626	−6,471	−3,429	−3,539
Belgium	7,823	4,714	4,564	3,608	−4,945	−762	(NA)	−5,154	−2,018	(NA)
Brazil	5,769	4,355	11,508	11,507	−12,806	−6,837	(NA)	−2,823	6,469	(NA)
Canada	3,041	3,465	2,491	1,741	−953	1,365	1,893	8,002	14,877	16,585
Chile	3,123	2,036	2,303	2,291	−1,971	−1,073	−2,060	−764	1,009	293
Colombia	4,831	1,901	1,364	1,364	−172	−2,744	−1,219	−297	−1,494	330
Denmark	3,387	3,621	3,009	2,644	−2,466	−1,176	−1,637	−2,023	236	−206
Ecuador	1,013	645	611	611	−642	−104	(NA)	302	957	(NA)
Egypt	1,046	771	736	736	−439	−785	(NA)	−2,960	−3,822	(NA)
Finland	1,870	1,238	2,754	2,480	−1,409	−936	5	658	162	1,494
France	27,340	19,851	20,940	19,102	−4,208	−4,904	−14	−13,419	−8,754	−4,089
Germany, Fed. Rep. of	48,592	42,674	40,141	35,028	−16,000	4,570	6,560	8,970	22,270	22,240
Greece	1,346	901	954	873	−2,209	−1,878	−2,132	−5,557	−4,294	−4,230
India	6,944	4,937	5,842	4,318	−1,785	(NA)	(NA)	−5,644	(NA)	(NA)
Indonesia	5,392	3,718	4,773	4,702	2,864	−6,338	(NA)	9,170	963	(NA)
Ireland	2,860	2,640	2,352	2,143	−2,133	(NA)	(NA)	−2,223	(NA)	(NA)
Israel	3,351	3,651	3,060	3,060	−809	−2,327	−1,544	−3,182	−3,285	−2,678
Italy	23,140	19,840	20,796	19,089	−9,801	555	−2,871	−16,417	−3,215	−5,995
Japan	24,636	24,602	26,429	22,283	−10,750	20,800	35,030	2,130	31,460	44,350
Korea, Republic of	2,925	2,347	2,754	2,723	−5,321	−1,606	−1,371	−4,384	−1,763	−1,036
Kuwait	3,929	5,192	4,590	3,813	15,302	5,115	5,570	13,881	4,374	4,769
Libya	13,091	5,219	3,634	3,266	8,264	−1,886	−1,803	11,551	3,457	1,977
Malaysia	4,387	3,784	3,723	3,470	−285	−3,379	−1,696	2,406	471	2,739
Mexico	2,960	3,913	7,272	7,269	−8,162	5,208	(NA)	−2,830	14,507	(NA)
Netherlands	11,645	10,171	9,237	7,778	−2,974	3,876	4,996	−1,415	4,348	5,572
Nigeria	10,235	990	1,462	1,452	5,104	−4,189	530	11,106	−905	3,008
Norway	6,048	6,629	9,365	8,647	1,098	2,036	3,228	1,896	4,299	5,115
Pakistan	496	1,973	1,035	912	−924	25	(NA)	−2,876	−2,715	(NA)
Peru	1,980	1,365	1,630	1,608	62	−875	−253	837	293	1,007
Philippines	2,846	747	602	574	−1,917	−2,751	−1,251	−1,939	−2,485	−679
Portugal	795	385	516	475	−1,064	−1,006	−514	−4,029	−2,400	−2,026
Saudi Arabia	23,437	27,287	24,748	14,188	41,404	−16,433	(NA)	72,479	11,926	(NA)
Singapore	6,567	9,264	10,416	10,291	−1,564	−991	−1,001	−4,229	−5,968	−4,389
South Africa	726	823	242	171	3,506	318	−810	7,437	3,990	2,253
Spain	11,863	7,402	11,955	11,448	−5,173	−2,480	2,059	−11,728	−7,387	−4,059
Sweden	3,418	4,034	3,845	3,414	−4,404	−945	156	−2,198	1,987	3,601
Switzerland	15,656	15,034	15,296	14,706	−1,555	3,526	(NA)	−5,902	−3,042	(NA)
Thailand	1,560	1,607	1,921	1,890	−2,070	−2,874	−2,100	−1,902	−2,861	−1,930
Trinidad and Tobago	2,781	2,105	1,357	1,131	397	(NA)	(NA)	837	−42	(NA)
Turkey	1,274	1,270	1,271	1,239	−3,409	−1,898	−1,407	−4,603	−2,990	−2,942
United Kingdom	20,650	11,340	9,440	6,970	8,690	3,797	−111	3,715	−1,813	−5,677
Venezuela	6,604	7,643	8,901	7,716	4,728	4,427	4,972	8,174	8,162	7,974
Yugoslavia	1,384	976	1,158	1,158	−2,316	275	(NA)	−4,889	−1,231	(NA)

NA Not available. [1] Holdings of convertible foreign currencies.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics*, monthly with annual supplements.

No. 1497. Exchange Rates—Indexes of Value of Foreign Currency Relative to U.S Dollar: 1970 to 1984

[1977 = 100]

Year	United States	Canada	Japan	Belgium	Denmark	France	Germany, Fed. Rep.	Italy	Netherlands	Norway	Sweden	United Kingdom
1970	100.0	101.8	74.8	72.2	80.0	88.9	63.7	140.8	67.9	74.5	86.1	137.3
1971	100.0	105.2	77.1	73.8	81.1	89.2	66.8	142.8	70.3	75.6	87.5	140.1
1972	100.0	107.3	88.4	81.4	86.3	97.4	72.8	151.2	76.4	80.8	93.9	143.3
1973	100.0	106.2	98.9	92.3	99.7	110.8	87.6	151.8	88.3	92.6	102.6	140.5
1974	100.0	108.7	91.9	92.1	98.7	102.3	89.9	135.7	91.4	96.4	100.8	134.1
1975	100.0	104.4	90.3	97.6	104.7	114.8	94.5	135.3	97.3	102.1	107.9	127.3
1976	100.0	107.8	90.4	92.9	99.3	102.9	92.2	106.3	92.9	97.5	102.6	103.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.0	99.2	128.5	114.0	109.0	109.2	115.8	104.0	113.6	101.5	98.9	109.9
1979	100.0	90.7	122.7	122.2	114.1	115.5	126.7	108.2	122.3	105.1	104.2	121.6
1980	100.0	90.9	118.7	122.7	106.7	116.5	127.9	103.2	123.6	107.8	105.6	133.3
1981	100.0	88.6	121.4	96.8	84.1	90.4	103.0	77.5	98.6	92.7	88.2	116.0
1982	100.0	86.1	107.5	78.3	71.9	74.7	95.6	65.2	91.8	82.4	71.1	100.2
1983	100.0	86.2	112.7	70.1	65.6	64.5	90.9	58.1	86.0	72.9	58.2	86.9
1984, prel	100.0	82.0	112.8	62.0	58.0	56.3	81.6	50.3	76.5	65.2	54.0	76.6

Source: U.S. Bureau of Labor Statistics, News Release USDL: 85-230, "*International Comparisons of Manufacturing Productivity and Labor Cost Trends: Preliminary Measures for 1984*," June 10, 1985.

NO. 1498. FOREIGN EXCHANGE RATES: 1970 TO 1985

[In U.S. cents per unit of foreign currency. Except as indicated, figures are annual averages]

YEAR	Australia (dollar)	Austria (schilling)	Belgium (franc)	Canada (dollar)	Denmark (krone)	France (franc)	Germany, F.R. (deutsche mark)	India (rupee)	Ireland (pound)	Italy (lira)
1970	111.36	3.87	2.01	95.80	13.33	18.09	27.42	13.23	235.59	.16
1971	113.61	4.00	2.06	99.02	13.51	18.15	28.77	13.34	244.42	.16
1972	119.23	4.32	2.27	100.94	14.38	19.83	31.36	13.25	250.08	.17
1973	141.94	5.16	2.58	99.98	16.60	22.54	37.76	12.07	245.10	.17
1974	143.89	5.36	2.57	102.26	16.44	20.81	38.72	12.46	234.03	.15
1975	130.77	5.75	2.73	98.30	17.44	23.35	40.73	11.93	222.16	.15
1976	122.15	5.57	2.59	101.41	16.55	20.94	39.74	11.15	180.48	.12
1977	110.82	6.05	2.79	94.11	16.66	20.34	43.08	11.41	174.49	.11
1978	114.82	6.90	3.18	87.73	18.16	22.22	49.87	12.21	191.84	.12
1979	111.77	7.48	3.41	85.39	19.01	23.50	54.56	12.27	204.65	.12
1980	114.00	7.73	3.42	85.53	17.77	23.69	55.09	12.69	205.77	.12
1981	114.95	6.29	2.70	83.41	14.08	18.49	44.36	11.55	161.32	.09
1982	101.65	5.86	2.18	81.01	11.98	15.20	41.19	10.54	142.05	.07
1983	90.14	5.57	1.96	81.14	10.93	13.12	39.16	9.90	124.81	.07
1984	87.94	5.02	1.74	77.23	9.68	11.48	35.26	8.83	108.64	.06
1985, June	70.73	4.49	1.57	73.43	8.81	10.34	31.59	7.93	98.63	.05

	Japan (yen)	Mexico (peso)	Netherlands (guilder)	Norway (krone)	Portugal (escudo)	South Africa (rand)	Spain (peseta)	Sweden (krona)	Switzerland (franc)	United Kingdom (pound)
1970	.28	8.01	27.65	13.99	3.50	139.24	1.43	19.28	23.20	239.59
1971	.29	8.01	28.65	14.21	3.55	140.29	1.44	19.59	24.33	244.42
1972	.33	8.00	31.15	15.18	3.70	129.43	1.56	21.02	26.19	250.08
1973	.37	8.00	35.98	17.41	4.11	143.88	1.72	22.97	31.70	245.10
1974	.34	8.00	37.27	18.12	3.95	146.98	1.73	22.56	33.69	234.03
1975	.34	8.00	39.63	19.18	3.93	136.47	1.74	24.14	38.74	222.16
1976	.34	6.92	37.85	18.33	3.32	114.85	1.50	22.96	40.01	180.48
1977	.37	4.42	40.75	18.79	2.62	114.99	1.33	22.38	41.71	174.49
1978	.48	4.39	46.28	19.08	2.28	115.01	1.31	22.14	56.28	191.84
1979	.46	4.38	49.84	19.75	2.04	118.72	1.49	23.32	60.12	212.24
1980	.44	4.35	50.37	20.26	2.00	128.54	1.40	23.65	59.70	232.58
1981	.45	4.08	40.19	17.46	1.63	114.77	1.09	19.86	51.03	202.43
1982	.40	1.37	37.43	15.49	1.25	92.30	.91	15.91	49.20	174.80
1983	.42	.65	35.03	13.70	.90	89.85	.70	13.03	47.61	151.59
1984	.42	.52	31.27	12.30	.68	69.53	.62	12.11	42.70	133.66
1985, June	.39	.40	27.96	10.97	.56	49.90	.57	10.99	37.50	118.78

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

NO. 1499. FOREIGN EXCHANGE RATES, BY COUNTRY: 1982 TO 1984

[**National currency units per U.S. dollar.** As of **December 31.** Represents mid-point market quotations to extent available. For countries with fixed relationships to a third currency represents exchange rates of the third currency times the fixed relationships. For currencies not quoted in exchange markets, represents official rates. For countries with multiple exchange rate systems, represents rate applicable to principal trade transactions]

COUNTRY	Currency unit	EXCHANGE RATE			COUNTRY	Currency unit	EXCHANGE RATE		
		1982	1983	1984			1982	1983	1984
Argentina	Austral	.0049	.0233	.1787	Korea, Rep. of	Won	749	796	827
Australia	Dollar	1.020	1.120	1.208	Kuwait	Dinar	.289	.293	.304
Austria	Schilling	16.7	19.3	22.1	Libya	Dinar	.296	.296	.296
Belgium	Franc	46.9	55.6	63.1	Malaysia	Ringgit	2.32	2.34	2.43
Bolivia	Peso Boliviano	196.0	500.0	9,000	Mexico	Peso	96.5	143.8	192.6
Brazil [1]	Cruzeiro	252.7	984.0	3,184	Netherlands	Guilder	2.62	3.06	3.55
Canada	Dollar	1.23	1.24	1.32	New Zealand	NZ Dollar	1.37	1.53	2.09
Chile	Peso	73.4	87.5	128.2	Nicaragua [2]	Cordoba	10.05	10.05	10.05
Colombia [1]	Peso	70.3	88.8	113.9	Nigeria	Naira	.670	.749	.808
Denmark	Krone	8.38	9.88	11.26	Norway	Krone	7.05	7.72	9.09
Egypt	Pound	.700	.700	.700	Pakistan [3]	Rupee	12.84	13.50	15.36
Finland	Markka	5.29	5.81	6.53	Peru	Sol	989.7	2,271	5,696
France	Franc	6.73	8.35	9.59	Philippines	Peso	9.17	14.00	19.76
Germany, F. R. of	D. Mark	2.38	2.72	3.15	Portugal	Escudo	89.1	131.5	169.3
Greece	Drachma	70.6	98.7	128.5	Saudi Arabia	Riyal	3.44	3.50	3.58
Honduras	Lempira	2.00	2.00	2.00	Singapore	Dollar	2.11	2.13	2.18
India	Rupee	9.63	10.5	12.5	South Africa	Rand	1.076	1.222	1.985
Indonesia	Rupiah	693	994	1,074	Spain	Peseta	125.6	156.7	179.4
Iran	Rial	83.4	88.2	94.0	Sri Lanka	Rupee	21.32	25.00	26.28
Iraq	Dinar	.311	.311	.311	Sweden	Krona	7.29	8.00	8.99
Ireland	Pound	.716	.881	1.009	Switzerland	Franc	1.99	2.18	2.59
Israel	Shekel	33.65	107.8	638.7	Thailand	Baht	23.0	23.0	27.2
Italy	Lira	1,370	1,660	1,936	Turkey [2]	Lira	186.8	282.8	444.7
Jamaica [2]	Dollar	1.781	3.278	4.930	United Kingdom	Pound	.619	.689	.865
Japan	Yen	235	232	251	Uruguay [1]	New Peso	33.75	43.25	74.25
Jordan	Dinar	.351	.371	.405	Venezuela	Bolivar	[2] 4.29	4.30	7.50
Kenya	Shilling	12.73	13.80	15.78	Yugoslavia	Dinar	62.5	125.7	211.8

[1] Selling rates: The rates at which monetary authorities (or commercial banks) sell foreign exchange for national currency to those making payments abroad. [2] Represents official rate. [3] Buying rates: The rates at which the monetary authorities (or the commercial banks) buy foreign exchange for national currency from recipients of foreign exchange.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics,* monthly.

No. 1500. Money Supply—Annual Percent Changes, by Country: 1979 to 1984

[See text, p. 832, for general comments concerning the data. Money supply as shown here is composed of currency plus demand deposits (M-1). For additional qualifications of the data for individual countries, see source. Minus sign (−) indicates decrease]

Country	1979–1980	1980–1981	1981–1982	1982–1983	1983–1984	Country	1979–1980	1980–1981	1981–1982	1982–1983	1983–1984
United States	9.1	7.1	6.6	11.2	6.9	Italy	15.9	11.1	11.5	15.4	12.2
						Japan	.8	3.7	7.1	3.0	2.9
Algeria	15.9	17.2	(NA)	(NA)	(NA)	Kenya	10.8	1.8	10.7	11.1	9.6
Argentina	115.8	53.9	195.7	287.8	506.1	Korea, Republic of	18.0	11.2	28.6	27.1	9.0
Australia	14.6	9.7	1.7	6.6	10.8	Libya	23.2	32.9	−3.3	−9.1	(NA)
Austria	7.4	3.7	3.1	12.0	4.0	Malaysia	17.1	13.3	11.0	11.3	4.4
Bangladesh	18.7	20.4	3.3	29.4	30.7	Mexico	31.1	36.7	43.8	43.8	53.3
Belgium	−.1	3.5	3.3	4.6	4.0	Morocco	9.9	9.0	15.6	13.3	9.6
Bolivia	38.4	15.1	120.6	198.9	791.0	Netherlands	4.2	2.6	4.9	10.5	4.1
Brazil	76.4	65.2	82.0	85.1	138.2	Nigeria	23.0	20.1	3.9	12.8	7.2
Burma	12.2	15.4	9.5	9.0	14.6	Norway	8.5	12.4	10.8	10.5	16.8
Canada	3.9	2.9	.4	13.4	11.3	Pakistan	16.5	14.0	12.9	19.1	7.3
Chile	62.6	23.4	−5.5	26.3	18.9	Peru	71.1	43.4	33.7	75.4	(NA)
Colombia	24.8	24.6	23.1	19.7	21.2	Philippines	14.1	11.0	1.8	11.1	30.0
Denmark	6.0	13.1	11.4	16.5	25.6	Portugal	24.5	19.4	13.3	12.8	11.5
Ecuador	25.7	21.7	21.6	22.3	27.2	Romania	30.3	23.1	20.1	7.6	−2.6
Egypt	21.0	12.4	19.8	19.7	13.6	South Africa	29.7	38.7	24.0	24.7	34.1
El Salvador	25.2	−2.7	7.4	−1.0	(NA)	Spain	10.2	11.5	14.7	2.0	2.7
Ethiopia	9.7	1.8	9.5	15.4	9.4	Sri Lanka	22.2	12.4	16.9	15.7	17.5
Finland	10.9	10.4	17.5	14.6	7.0	Sweden	19.0	12.9	9.0	8.3	4.8
France	8.0	12.3	14.8	11.2	7.3	Switzerland	−6.8	−2.2	4.3	10.8	4.0
Germany, Fed. Rep. of	2.4	.9	3.2	10.3	3.4	Syria	27.0	27.4	13.9	(NA)	(NA)
						Thailand	15.8	5.1	6.5	7.5	8.7
Ghana	34.5	35.2	29.3	56.8	36.9	Tunisia	16.0	25.9	16.5	18.5	14.8
Greece	20.3	18.3	24.8	12.5	15.5	Turkey	54.2	37.3	27.5	41.1	22.1
Guatemala	5.7	1.0	6.6	.1	5.0	United Kingdom	4.4	10.2	8.2	14.2	14.6
India	12.3	15.7	10.8	14.7	16.7	Venezuela	14.1	11.4	9.9	11.6	26.8
Indonesia	43.4	32.6	25.5	4.1	7.3	Yugoslavia	32.4	24.9	24.5	25.1	31.6
Iran	31.5	30.7	17.8	(NA)	(NA)	Zaire	23.3	53.6	56.3	63.8	38.5
Ireland	4.6	13.0	7.2	(NA)	(NA)	Zambia	10.8	12.7	9.8	16.0	12.5
Israel	69.6	93.9	100.6	118.9	215.1						

NA Not available.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics*, monthly, with annual supplements.

No. 1501. Central Bank Discount Rates, Money Market Rates, and Government Bond Yields—Selected Countries: 1979 to 1985

[**In percent per annum. Central bank discount rates** refer to the rate at which the monetary authority lends or discounts eligible paper for deposit money banks. **Money market rates** refer to the rate at which short-term borrowings are effected between financial institutions, except for Canada, Switzerland, and United Kingdom, refer to the rate at which short-term government paper is issued or traded in the market. **Government bond yields** refer to one or more series representing average yields to maturity of government bonds or other bonds that would be indicative of longer term rates]

National interest rate and year	United States	Canada	Japan	France	Germany, Fed. Rep.	Italy	Netherlands	Sweden	Switzerland	United Kingdom
Central bank discount rates:[1]										
1979	12.00	14.00	6.25	9.50	6.00	15.00	9.50	9.00	2.00	17.00
1980	13.00	17.26	7.25	9.50	7.50	16.50	8.00	10.00	3.00	14.00
1981	12.00	14.66	5.50	9.50	7.50	19.00	9.00	11.00	6.00	(2)
1982	8.50	10.26	5.50	9.50	5.00	18.00	5.00	10.00	4.50	(2)
1983	8.50	10.04	5.00	9.50	4.00	17.00	5.00	8.50	4.00	(2)
1984	8.00	10.16	5.00	9.50	4.50	16.50	5.00	9.50	4.00	(2)
1985, May	7.50	9.59	5.00	9.50	4.50	15.50	5.50	11.50	4.00	(2)
Money market rates:[3]										
1979	11.20	11.68	(NA)	9.48	6.69	11.86	9.03	8.19	(NA)	13.59
1980	13.36	12.80	(NA)	12.20	9.54	17.17	10.13	12.17	5.15	16.10
1981	16.38	17.72	7.69	15.26	12.11	19.60	11.01	14.35	7.82	13.48
1982	12.26	13.64	7.12	14.73	8.88	20.18	8.06	13.29	3.87	12.02
1983	9.09	9.30	6.72	12.63	5.78	18.47	5.28	10.85	3.04	9.90
1984	10.23	11.06	6.32	11.88	5.99	(NA)	5.78	11.77	3.58	9.49
1985, May	7.97	9.51	6.38	10.32	5.84	(NA)	7.12	14.89	4.35	12.27
Government bond yields:										
1979	9.33	10.21	7.69	9.48	7.40	14.05	8.78	10.47	3.45	12.99
1980	11.39	12.48	9.22	12.99	8.50	16.11	10.21	11.74	4.77	13.79
1981	13.72	15.22	8.66	15.66	10.38	20.58	11.55	13.49	5.57	14.74
1982	12.92	14.26	8.06	15.56	8.95	20.90	10.10	13.04	4.83	12.88
1983	11.34	11.79	7.42	13.61	7.89	18.02	8.61	12.30	4.52	10.81
1984	12.48	12.75	6.81	12.41	7.78	14.95	8.33	12.28	4.70	10.69
1985, May	11.19	10.76	6.37	10.84	7.10	13.38	7.58	13.09	4.79	10.88

NA Not available. [1] End of period. [2] Minimum lending rate suspended as of August 20, 1981. [3] Period averages.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics*, monthly.

No. 1502. Total External Public Debt, 1975 to 1983, and by Type of Creditor, 1983, and Debt Service Payments and Ratio, 1980 to 1983

[External public debt is defined as debt repayable to external creditors in foreign currency, goods, or services, with an original or extended maturity of more than one year, which is a direct obligation of, or has repayment guaranteed by, a public body in the borrowing country. Excludes undisbursed debt (amounts not yet drawn by recipient) and unguaranteed private debt, which for some countries is substantial. Debt contracted for the purchase of military equipment is not usually reported. Debt service payments represent the sum of interest payments and repayments of principal on external public debt]

Country	Total external public debt (mil. dol.)			1983				Debt service payments (mil. dol.)			Debt service ratio [3] (percent)		
	1975	1980	1982	Total [1]	Bilateral official	Banks [2]	International organizations	1980	1982	1983	1980	1982	1983
Algeria	4,477	16,304	13,859	12,943	2,361	7,296	330	3,846	4,254	4,504	25.8	28.6	32.2
Argentina [4]	3,121	10,198	15,878	24,593	600	19,810	1,413	1,990	2,347	2,343	17.8	24.1	24.0
Bangladesh	1,613	3,521	4,295	4,185	1,877	53	2,157	76	111	143	5.5	8.0	8.9
Bolivia	813	2,195	2,555	2,969	1,363	761	723	288	260	267	27.2	28.2	30.5
Brazil	13,923	39,894	49,911	58,068	4,937	43,521	5,121	8,039	10,099	6,983	34.5	43.0	28.7
Burma [5]	281	1,453	1,958	2,226	1,281	222	569	112	120	150	22.6	23.2	33.5
Cameroon	372	1,997	1,895	1,883	773	362	651	182	264	219	8.6	14.5	13.7
Chile	3,732	4,725	5,233	6,828	837	4,950	643	1,375	1,033	885	21.9	20.0	18.3
Colombia	2,372	4,070	6,004	6,899	1,349	3,046	2,139	529	874	904	9.0	17.6	21.3
Congo	423	1,132	1,518	1,467	584	571	268	99	180	238	9.6	14.9	20.5
Costa Rica	421	1,701	2,469	3,315	885	1,426	552	205	138	595	16.8	12.0	50.6
Dominican Rep.	449	1,225	1,661	2,202	1,004	751	446	157	260	231	10.6	19.5	(NA)
Ecuador	462	3,329	3,919	6,239	1,007	4,375	632	557	1,102	874	18.7	40.3	(NA)
Egypt	4,842	12,378	14,698	15,229	9,031	866	3,504	1,411	1,905	1,996	15.3	20.5	18.9
El Salvador	196	509	813	1,065	504	14	510	41	56	66	3.2	6.1	(NA)
Ethiopia	344	701	1,038	1,223	642	26	490	34	54	66	6.0	9.4	11.5
Ghana	676	1,105	1,115	1,095	537	(NA)	420	93	65	72	7.7	9.1	14.1
Greece	2,633	4,767	6,719	8,194	687	6,165	1,054	913	1,177	1,318	9.7	13.2	16.3
Guatemala	143	549	1,157	1,405	549	299	557	45	103	141	2.4	7.6	11.7
Guinea	762	1,020	1,231	1,216	832	44	208	95	79	70	(NA)	(NA)	(NA)
Honduras	264	985	1,375	1,570	419	338	741	98	148	121	10.1	18.9	14.9
Hungary	(NA)	(NA)	6,340	6,177	952	4,544	18	(NA)	1,916	1,933	(NA)	18.1	18.8
India [5]	12,244	17,576	19,513	21,277	9,166	1,501	10,459	1,056	1,150	1,323	7.0	7.5	(NA)
Indonesia	7,994	14,971	18,515	21,685	8,559	6,352	3,478	1,759	2,247	2,551	7.9	10.6	12.8
Israel	5,915	12,633	14,900	15,149	10,810	1,572	112	1,175	2,128	1,949	12.0	21.0	19.6
Ivory Coast [6]	943	4,349	4,948	4,824	624	2,872	1,000	871	957	791	23.9	32.3	30.0
Jamaica	695	1,396	1,847	1,950	929	376	580	201	259	205	13.6	17.9	(NA)
Jordan	340	1,265	1,685	1,940	1,294	299	321	134	193	213	5.3	6.1	7.1
Kenya	604	2,216	2,423	2,384	701	556	1,039	250	326	305	12.1	21.4	20.6
Korea, Rep. of	5,545	15,808	20,061	21,472	5,439	10,308	3,875	2,708	3,716	3,743	12.0	13.1	12.3
Madagascar	174	1,020	1,660	1,490	724	263	340	59	58	141	(NA)	(NA)	(NA)
Malaysia	1,338	3,877	8,071	10,665	1,221	5,943	1,098	376	794	954	2.5	5.6	5.8
Mauritania	188	731	1,029	1,171	732	53	315	30	40	37	10.9	11.7	9.9
Mexico	11,404	33,571	50,341	66,732	2,509	55,770	4,208	7,856	9,372	9,954	31.9	33.0	35.9
Morocco	1,757	7,109	9,054	9,445	4,569	3,210	1,325	1,193	1,334	1,120	27.6	35.2	29.1
Nicaragua	603	1,693	2,504	3,417	1,687	1,051	648	83	163	83	16.2	35.8	17.6
Nigeria	1,086	4,276	8,488	11,757	938	9,755	882	547	1,428	2,041	2.0	10.3	18.6
Oman	287	451	730	1,125	222	823	50	197	118	143	5.1	2.4	3.2
Pakistan	5,097	8,780	9,701	9,755	6,568	713	2,352	592	576	1,069	11.1	9.8	15.9
Panama	771	2,266	2,822	2,986	297	1,874	555	465	614	472	6.0	6.5	6.8
Paraguay	189	633	940	1,161	334	402	370	80	81	85	11.5	10.3	14.9
Peru	3,021	6,169	6,871	7,932	2,457	3,463	993	1,501	1,526	754	30.9	36.4	19.6
Philippines	1,377	6,530	8,844	10,385	1,905	4,346	2,920	585	1,045	1,252	7.2	12.7	15.1
Portugal	1,088	6,576	9,088	9,951	1,529	7,218	899	1,033	1,708	1,853	10.6	20.1	20.4
Romania	19	7,258	7,877	8,391	1,227	4,150	2,183	1,348	1,869	1,112	11.1	14.9	9.0
Senegal [6]	300	895	1,130	1,496	722	298	461	172	40	48	(NA)	(NA)	(NA)
Singapore	550	1,320	1,410	1,244	257	579	168	263	236	394	1.0	.8	1.3
Somalia	230	714	1,079	1,149	641	60	345	9	20	22	3.4	7.4	11.6
Sri Lanka	597	1,344	1,965	2,205	1,077	444	539	84	138	167	5.6	8.4	9.8
Sudan	1,235	3,858	5,180	5,726	3,820	914	894	105	114	91	8.2	10.8	8.4
Syria	685	2,107	2,240	2,305	1,744	14	434	298	316	304	8.9	10.5	9.6
Tanzania	803	2,011	2,391	2,584	1,212	291	885	76	63	65	10.5	(NA)	(NA)
Thailand	616	4,100	6,199	7,060	1,893	2,289	2,419	434	791	949	5.1	8.4	10.3
Tunisia	1,024	3,229	3,472	3,427	1,866	716	653	431	486	598	13.0	15.0	19.7
Turkey	3,165	15,228	15,930	15,396	7,235	4,028	3,485	1,019	1,753	2,344	17.7	17.4	24.5
Uruguay	618	1,128	1,701	2,523	168	1,858	214	198	226	292	12.4	13.4	19.8
Venezuela	1,262	10,873	12,123	12,911	113	11,436	124	2,964	3,221	2,595	13.3	16.0	15.0
Yemen, People's Dem. Rep.	99	499	995	1,263	1,021	(NA)	242	14	35	46	2.7	5.6	7.2
Yemen Arab Rep.	244	900	1,312	1,574	1,237	11	319	21	55	42	1.3	3.8	2.9
Yugoslavia [7]	2,325	4,587	5,626	9,077	2,401	4,819	1,851	616	900	1,009	3.4	4.5	6.1
Zaire	1,718	4,165	4,049	4,022	2,569	704	583	359	136	127	17.2	(NA)	(NA)
Zambia	1,147	2,188	2,394	2,638	1,504	329	531	292	177	126	18.2	16.3	12.6
Zimbabwe	190	697	1,219	1,497	256	839	92	44	148	435	2.6	9.4	31.6

NA Not available. [1] Includes other types of creditors, not shown separately. [2] Includes other private financial institutions. [3] Debt service payments as percent of exports. [4] The increase in debt outstanding from 1980 to 1982 includes the refinancing of short-term private debt by public debt, which matures in 1986-87. [5] Fiscal year basis. [6] Data reflect the declining U.S. dollar value of French franc-denominated debt in 1980-82. [7] The bulk of the debt of Yugoslavian enterprises is reported as nonguaranteed.

Source: The World Bank, Washington, DC, *World Debt Tables*, periodic.

No. 1503. Net Flow of Financial Resources to Developing Countries, by Origin and Type of Resource: 1970 to 1984

[**In billions of U.S. dollars.** Net flow covers loans, grants, and grant-like flows minus amortization on loans. Military flows are excluded. Developing countries cover countries designated by Development Assistance Committee as developing. The DAC list differs from the UN list (see table 1466) by the inclusion of Greece, Malta, Portugal, Spain (through 1981), and Yugoslavia, and the exclusion of South Africa. Official development assistance covers all flows to developing countries and multilateral institutions provided by official agencies, including State and local governments, or by their executive agencies, which are administered with the promotion of economic development and welfare of developing countries as their main objective and whose financial terms are intended to be concessional in character with grant element of at least 25 percent. Other official flows cover export credits and portfolio investment from the official sector]

ORIGIN AND TYPE OF RESOURCE	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Development Assistance Committee countries [1]	15.9	44.8	51.5	70.7	75.9	75.3	[2] 91.4	84.0	69.8	[3] 73.5
Official development assistance	6.9	13.8	15.7	20.0	22.8	27.3	25.5	27.7	27.6	28.7
Bilateral grants [4]	3.3	6.3	7.2	9.4	11.7	14.1	13.2	13.4	14.2	15.5
Bilateral loans	2.4	3.5	2.9	3.7	4.6	4.0	5.0	5.0	4.4	4.2
Multilateral contributions [5]	1.3	4.0	5.6	6.9	6.5	9.2	7.3	9.3	9.0	9.0
Other official flows	1.1	3.9	3.3	5.4	2.9	5.3	6.6	7.4	4.9	[3] 7.5
Private flows at market terms	7.0	25.7	31.2	44.1	48.1	40.7	55.5	46.6	35.0	34.8
Direct investment	3.7	10.3	9.5	10.9	12.4	10.5	15.7	10.4	7.5	(NA)
Private export credits	2.2	3.5	8.3	9.9	9.4	11.5	10.5	7.3	5.2	(NA)
Portfolio investment	1.2	11.9	13.4	23.3	26.3	18.7	29.2	28.8	22.3	(NA)
Private voluntary agencies	.9	1.3	1.5	1.7	2.0	2.4	2.0	2.3	2.3	[3] 2.6
Organization of Petroleum Exporting Countries [6]	.6	7.8	7.3	9.3	9.0	11.8	11.5	8.9	(NA)	(NA)
Official development assistance	.4	6.2	6.1	8.1	7.8	9.7	8.5	5.9	5.4	(NA)
Other official flows	.2	1.6	1.2	1.2	1.2	2.1	3.0	3.0	(NA)	(NA)
Centrally-planned economies [7]	1.1	.8	1.2	1.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Official development assistance	1.0	.7	1.1	1.2	1.8	2.7	3.0	2.9	2.9	(NA)
Other official flows	.1	.1	.1	.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total net flow to developing countries, by DAC country [1]	15.9	44.8	51.5	70.7	75.9	75.3	[2] 91.4	84.0	69.8	[3] 73.5
United States	6.4	17.7	12.4	16.2	18.8	13.9	26.4	30.2	23.0	28.6
Official development assistance	3.2	4.2	4.7	5.7	4.7	7.1	5.8	8.2	8.1	8.7
Bilateral grants [4]	1.4	1.7	1.7	2.1	2.5	3.0	3.2	3.8	4.5	5.6
Bilateral loans	1.3	1.2	1.2	1.4	1.6	1.4	1.2	1.1	1.0	.8
Multilateral contributions [5]	.5	1.2	1.8	2.2	.6	2.8	1.5	3.3	2.5	2.3
Other official flows	.1	.9	.8	1.3	1.1	1.1	.9	1.6	(Z)	1.0
Private flows at market terms	2.5	11.8	6.2	8.3	12.0	4.3	18.7	19.1	13.6	17.4
Direct investment	1.9	7.2	4.9	5.6	8.0	3.4	6.5	5.5	2.3	4.4
Private export credits and portfolio investment	.6	4.6	1.3	2.7	4.0	.9	12.2	13.6	11.2	13.0
Private voluntary agencies	.6	.8	.8	.9	1.0	1.3	1.0	1.3	1.3	1.5
Australia	.4	.6	.6	.7	.9	.9	.8	1.2	1.0	1.6
Austria	.1	.2	.5	.5	.3	.3	.3	.1	.1	(NA)
Belgium	.3	.9	1.3	2.8	2.3	2.9	2.8	.7	1.0	(NA)
Canada	.6	2.0	2.3	2.4	2.4	3.2	5.8	1.9	2.6	2.8
Denmark	.1	.3	.5	.7	.8	.8	.9	.8	1.1	.6
Finland	(Z)	.1	.1	.1	.2	.2	.2	.2	.2	.3
France	1.8	3.9	5.2	7.9	8.8	11.6	11.5	13.6	9.3	8.9
Germany, Fed. Rep. of	1.5	5.0	6.1	7.6	7.3	10.6	8.1	7.0	7.0	6.5
Italy	.7	1.6	2.0	3.2	4.1	4.0	3.7	5.0	3.1	2.0
Japan	1.8	2.9	5.5	10.7	7.8	6.8	12.2	8.8	8.0	9.4
Netherlands	.4	1.3	2.1	2.7	2.0	2.4	2.2	2.5	2.2	2.0
New Zealand	(Z)	.1	.1	.1	.1	.1	.1	.1	.1	(NA)
Norway	.1	.3	.5	.6	.8	.9	.7	.8	.7	1.6
Sweden	.2	.8	1.6	1.3	1.2	1.9	1.4	1.8	1.3	1.3
Switzerland	.1	.7	3.9	3.7	5.0	2.7	2.3	3.2	3.3	(NA)
United Kingdom	1.3	6.6	6.8	9.3	13.5	12.2	11.9	6.3	5.8	3.8

NA Not available. Z Less than $50 million. [1] Includes flows to OPEC countries (see footnote 5). Comprises as donors Australia, Austria, Belgium, Canada, Denmark, Finland, France, Federal Republic of Germany, Italy, Japan, Netherlands, New Zealand, Norway, Sweden, Switzerland, United Kingdom, and United States. [2] Detail have not been revised. [3] Estimated. [4] Includes "grant-like" flows (i.e., loans repayable in recipients' currencies). [5] Includes capital subscriptions to multilateral organizations in the form of demand instruments as of date of issue. [6] Algeria, Ecuador, Gabon, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. [7] Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland, Romania, and Soviet Union.

No. 1504. Per Capita Public and Private Aid to Developing Countries: 1980 to 1984

[*In dollars. See headnote, table 1503. Private aid figures exclude government subsidies to voluntary agencies.* Countries are ranked by per capita gross national product in 1983]

COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID			COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID		
	1980	1982	1984	1980	1982	1984		1980	1982	1984	1980	1982	1984
Switzerland	40	39	[1] 44	10	8	(NA)	Finland	23	30	36	3	3	4
United States	**31**	**35**	**37**	**6**	**6**	**6**	France	77	74	69	1	1	1
Norway	119	136	131	8	9	11	Netherlands	115	103	88	6	8	7
Canada	45	49	65	4	5	6	Austria	24	31	24	3	2	(NA)
Sweden	116	118	89	7	7	7	Belgium	60	51	[1] 44	5	3	(NA)
Denmark	92	81	88	3	2	2	United Kingdom	33	32	[1] 25	2	2	2
Germany, F.R.	58	51	45	7	6	6	New Zealand	23	21	18	2	1	[1] 2
Australia	45	58	49	3	2	3	Italy	12	14	19	(Z)	(Z)	(NA)
Japan	29	25	36	(Z)	(Z)	(NA)							

NA Not available. Z Less than 50 cents. [1] Estimated.

Source of tables 1503 and 1504: Organization for Economic Cooperation and Development, Paris, France, unpublished data.

NO. 1505. MILITARY EXPENDITURES IN CURRENT AND CONSTANT (1982) DOLLARS: 1975 TO 1983

[**In millions of dollars, except as indicated.** See also table 552. For most countries, data for expenditures and for GNP were based on local currencies which were deflated to constant 1982 local currency values before conversion to U.S. dollar equivalents. In general, the rates used for conversion are the 1982 average par/market exchange rates as supplied by IBRD (International Bank for Reconstruction and Development)]

COUNTRY	CURRENT DOLLARS					CONSTANT (1982) DOLLARS			Per capita (dollars)		Percent of GNP [1]	
	1975	1980	1981	1982	1983	1975	1980	1983	1980	1983	1980	1983
United States	90,948	143,981	169,888	196,390	217,154	150,427	167,680	208,337	736	888	5.5	6.6
Algeria [2]	464	1,007	1,656	1,933	1,334	767	1,172	1,280	62	61	2.9	2.7
Argentina	297	1,976	2,123	1,902	1,523	492	2,301	1,462	83	49	3.6	2.7
Australia	1,855	3,152	3,667	4,095	4,637	3,068	3,671	4,448	251	290	2.3	2.8
Austria	370	643	700	[2] 829	937	612	749	899	99	119	1.1	1.3
Belgium	1,373	2,449	2,763	2,891	2,911	2,271	2,852	2,793	288	282	3.3	3.3
Brazil	1,374	1,625	1,757	2,517	[2] 1,769	2,273	1,893	[2] 1,698	15	12	.7	.7
Bulgaria [2]	2,180	3,100	3,461	4,105	4,282	3,605	3,610	4,108	405	461	7.4	8.1
Canada	2,840	4,638	5,265	6,203	6,439	4,697	5,401	6,177	225	248	1.9	2.2
Chile	515	790	935	951	[2] 1,021	852	920	[2] 980	83	85	3.6	4.5
China:												
Mainland [2]	19,000	28,500	30,500	33,000	34,500	31,425	33,191	33,099	32	32	10.4	8.6
Taiwan	1,153	[2] 2,462	[2] 2,815	[2] 3,373	[2] 3,925	1,907	[2] 2,868	[2] 3,765	161	200	6.7	7.5
Cuba	393	1,140	1,199	1,109	1,306	650	1,327	1,253	138	126	6.5	[3] 5.0
Czechoslovakia [2]	3,712	5,332	5,948	6,800	7,157	6,139	6,209	6,866	405	445	5.5	5.9
Denmark	719	1,150	1,282	1,400	[2] 1,482	1,189	1,340	[2] 1,421	262	278	2.5	2.5
Egypt [2]	2,843	2,241	(NA)	2,325	2,679	4,703	2,609	2,570	61	56	10.2	8.3
El Salvador	28	[2] 96	[2] 123	[2] 144	[2] 150	46	[2] 112	[2] 144	23	30	2.7	4.0
Finland	357	659	676	786	[2] 785	591	767	[2] 753	159	153	1.7	1.5
France	10,444	18,385	20,845	22,523	23,793	17,274	21,411	22,827	398	417	4.0	4.2
German Dem. Rep [2]	4,683	7,178	8,111	9,161	9,806	7,745	8,359	9,407	500	563	5.8	6.4
Germany, Fed. Rep	12,341	18,707	21,148	22,346	23,565	20,412	21,786	22,608	353	367	3.3	3.4
Greece	1,287	1,871	2,512	2,638	2,526	2,129	2,179	2,423	227	244	5.5	6.2
Hungary [2]	1,826	2,618	2,893	3,084	3,134	3,020	3,048	3,006	284	281	4.4	4.3
India	2,686	4,091	4,834	5,660	[2] 6,546	4,442	4,765	[2] 6,280	6	8	3.0	3.5
Indonesia	1,341	2,245	2,774	2,843	[2] 2,649	2,218	2,615	[2] 2,542	17	15	3.4	2.8
Iran	9,417	[2] 6,737	[2] 7,403	[2] 8,499	[2] 5,520	15,575	[2] 7,846	[2] 5,296	202	124	7.3	5.0
Iraq [2]	2,390	8,629	11,823	12,541	11,900	3,953	10,049	11,417	767	787	21.7	47.2
Israel	2,997	4,864	4,478	4,783	[2] 6,229	4,957	5,665	[2] 5,976	1,490	1,494	30.6	29.0
Italy	4,291	7,173	8,024	9,089	9,609	7,098	8,354	9,219	146	162	2.4	2.7
Japan	4,181	8,032	9,203	10,383	11,500	6,916	9,354	11,034	80	92	.9	1.0
Korea, Dem. Peo. Rep	1,080	[2] 3,000	[2] 3,240	[2] 3,500	[2] 3,600	1,786	[2] 3,493	[2] 3,453	195	179	19.4	16.7
Korea, Rep. of	1,235	3,282	3,892	4,326	4,717	2,042	3,822	4,525	96	109	6.1	5.8
Kuwait	701	1,260	[2] 1,215	[2] 1,586	[2] 1,173	1,160	1,467	[2] 1,126	1,048	662	4.1	4.0
Malaysia	439	862	1,379	1,523	[2] 1,432	726	1,004	[2] 1,373	71	91	4.5	5.2
Mexico	512	537	777	[2] 804	[2] 872	847	626	[2] 837	9	11	.4	.6
Morocco	302	876	995	1,226	1,318	500	1,020	1,264	48	55	7.0	8.2
Netherlands	2,403	3,759	4,195	4,464	4,673	3,975	4,377	4,483	310	311	3.1	3.2
Nicaragua	30	[2] 116	[2] 158	[2] 256	[2] 272	50	[2] 136	[2] 261	54	93	5.8	10.2
Nigeria	2,229	1,891	1,974	[2] 979	1,723	3,688	2,202	1,653	28	19	2.8	2.5
Norway	864	1,397	1,528	1,697	1,844	1,429	1,627	1,769	397	431	3.0	3.2
Oman	698	1,179	1,512	1,684	1,944	1,155	1,373	1,865	1,526	1,695	21.3	27.9
Pakistan	796	1,260	1,496	1,758	[2] 1,984	1,318	1,468	[2] 1,903	16	20	5.0	5.4
Peru	470	[2] 910	[2] 937	[2] 1,146	[2] 1,065	778	[2] 1,060	[2] 1,021	60	54	5.3	5.6
Philippines	511	612	[2] 793	[2] 878	[2] 771	846	712	[2] 740	14	13	1.9	1.9
Poland [2]	6,463	9,633	10,345	12,421	12,282	10,689	11,218	11,783	315	321	5.4	5.8
Portugal	555	679	751	803	814	918	790	781	79	78	3.6	3.5
Qatar	84	604	(NA)	(NA)	(NA)	140	703	(NA)	3,519	(NA)	9.1	(NA)
Romania [2]	2,850	3,773	4,053	4,890	5,159	4,713	4,394	4,949	197	219	4.3	4.7
Saudi Arabia	6,401	16,435	20,183	24,159	27,192	10,587	19,140	26,088	2,058	2,508	14.4	24.3
Singapore	251	571	686	[2] 841	[2] 955	416	666	[2] 916	277	366	5.4	5.8
South Africa	1,314	1,860	[2] 2,694	[2] 3,136	[2] 3,132	2,174	2,167	[2] 3,005	87	97	3.2	4.3
Soviet Union	125,410	200,330	222,600	243,760	258,000	207,426	233,304	247,525	878	908	14.1	14.0
Spain	2,625	2,888	3,274	3,725	4,070	4,341	3,364	3,905	90	102	1.9	2.1
Sweden	1,828	2,622	2,904	3,191	3,332	3,024	3,054	3,197	368	385	3.1	3.3
Switzerland	1,074	1,715	1,863	[2] 2,036	[2] 1,961	1,777	1,997	[2] 1,881	312	269	2.0	1.9
Syria	933	1,858	2,068	2,371	[2] 2,138	1,544	2,163	[2] 2,051	245	209	16.5	13.0
Thailand	367	1,132	1,231	1,465	1,539	608	1,318	1,476	27	29	4.0	3.9
Turkey	1,478	1,772	2,301	2,754	2,840	2,445	2,063	2,725	44	55	4.2	4.9
United Arab Emirates	33	1,724	2,089	1,979	1,867	56	2,008	1,791	2,008	1,492	6.2	7.9
United Kingdom	12,989	20,713	21,317	24,169	27,444	21,483	24,123	26,330	430	470	5.1	5.4
Venezuela	685	751	732	1,147	920	1,133	875	882	50	52	1.3	1.3
Yugoslavia	1,451	2,421	2,464	2,357	2,309	2,399	2,819	2,215	125	97	4.7	3.7

NA Not available. [1] Military expenditure as percent of gross national product. For additional information on comparisons between communist and noncommunist countries, see footnote 4, table 552. [2] Estimated. [3] 1982 data.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

No. 1506. Armed Forces Personnel—Number and Rate, by Country: 1975 to 1983

[**Personnel data as of July.** Armed Forces refer to active-duty military personnel, including paramilitary forces where those forces resemble regular units in their organization, equipment, training, or mission. Reserve forces are not included]

Country	Armed forces personnel (1,000)						Armed forces per 1,000 population					
	1975	1979	1980	1981	1982	1983	1975	1979	1980	1981	1982	1983
United States	2,098	2,050	2,101	2,168	2,201	2,222	9.8	9.3	9.2	9.4	9.5	9.5
Algeria	80	88	101	101	120	130	5.0	4.9	5.4	5.2	6.0	6.3
Argentina	160	155	155	155	175	175	6.3	5.7	5.6	5.4	6.0	5.9
Australia	70	70	71	72	73	73	5.1	4.9	4.9	4.9	4.8	4.8
Austria	50	40	40	40	40	50	6.7	5.3	5.3	5.3	5.3	6.7
Belgium	103	107	108	109	110	109	10.5	10.9	10.9	11.0	11.1	11.0
Brazil	455	450	450	450	460	460	4.2	3.8	3.7	3.6	3.6	3.5
Bulgaria	175	163	162	165	175	177	20.1	18.5	18.2	18.5	19.7	19.9
Canada	78	79	82	81	82	81	3.4	3.3	3.4	3.3	3.3	3.3
Chile	110	111	116	116	116	126	10.8	10.3	10.5	10.4	10.2	11.0
China:												
Mainland	4,300	4,600	4,650	4,750	4,350	4,100	4.6	4.6	4.6	4.6	4.3	4.0
Taiwan	504	468	465	461	457	454	31.3	26.7	26.1	25.5	24.7	24.1
Cuba	120	210	220	225	230	250	12.9	21.4	22.9	23.2	23.5	25.3
Czechoslovakia	210	211	212	212	213	214	14.2	13.9	13.9	13.9	13.8	13.9
Denmark	34	33	33	33	30	30	6.7	6.5	6.5	6.5	5.9	5.9
Egypt	400	447	447	447	447	447	10.8	10.9	10.6	10.3	10.0	9.8
El Salvador	8	11	12	13	25	28	2.0	2.3	2.5	2.8	5.3	5.8
Finland	40	36	36	36	36	40	8.5	7.5	7.5	7.5	7.5	8.2
France	585	578	575	575	577	578	11.1	10.8	10.7	10.6	10.6	10.6
German Dem. Rep	220	227	231	232	233	240	13.0	13.6	13.8	13.9	14.0	14.4
Germany, Fed. Rep	491	492	490	493	490	496	7.9	8.0	8.0	8.0	8.0	8.1
Greece	185	187	186	187	188	177	20.6	19.9	19.4	19.3	19.2	17.9
Honduras	12	14	14	14	14	14	3.8	3.9	3.7	3.5	3.5	3.4
Hungary	118	110	119	120	110	105	11.2	10.3	11.1	11.2	10.3	9.8
India	1,670	1,286	1,104	1,104	1,120	(NA)	2.7	1.9	1.6	1.6	1.6	(NA)
Indonesia	260	250	250	265	280	280	1.9	1.7	1.7	1.7	1.7	1.7
Iran	385	415	305	440	470	470	11.6	11.1	7.9	11.0	11.4	11.1
Iraq	155	212	350	400	450	500	13.8	16.4	26.7	29.4	32.1	34.5
Israel	190	165	180	180	180	180	55.9	44.6	47.4	47.4	46.2	45.0
Italy	459	491	500	505	517	498	8.2	8.6	8.8	9.0	9.1	8.8
Japan	237	239	242	241	243	241	2.1	2.1	2.1	2.0	2.1	2.0
Korea, Dem. People's Rep. of	470	692	700	678	782	784	29.6	39.5	39.1	37.0	41.8	40.8
Korea, Rep. of	630	638	600	606	601	602	17.2	16.3	15.1	15.1	14.8	14.5
Kuwait	25	11	12	12	13	13	25.0	8.5	8.6	8.0	8.1	7.6
Malaysia	76	82	83	90	95	105	6.1	6.0	5.9	6.3	6.5	7.0
Mexico	95	120	120	120	120	131	1.6	1.8	1.8	1.7	1.6	1.7
Morocco	75	98	117	120	125	135	4.1	4.8	5.6	5.6	5.6	5.9
Netherlands	107	107	107	108	106	104	7.8	7.6	7.6	7.6	7.4	7.2
Nicaragua	5	16	24	39	41	46	2.3	6.7	9.6	15.0	14.6	16.4
Nigeria	270	164	150	232	221	222	4.1	2.2	1.9	2.9	2.7	2.6
Norway	38	40	40	39	41	41	9.5	9.8	9.8	9.5	10.0	10.0
Oman	12	19	15	15	15	20	15.0	21.1	16.7	16.7	13.6	18.2
Pakistan	502	544	467	549	584	584	6.7	6.5	5.4	6.1	6.4	6.2
Peru	95	125	151	157	164	167	6.1	7.3	8.6	8.7	9.0	9.0
Philippines	120	156	155	156	157	157	2.8	3.3	3.2	3.1	3.0	2.9
Poland	435	425	421	424	429	430	12.8	12.0	11.8	11.8	11.9	11.7
Portugal	104	81	88	88	89	93	11.1	8.3	8.9	8.9	8.9	9.3
Qatar	5	5	6	6	6	6	25.0	25.0	30.0	30.0	20.0	20.0
Romania	220	219	215	214	238	244	10.4	10.0	9.7	9.6	10.6	10.8
Saudi Arabia	95	50	54	54	55	55	13.0	5.4	5.8	5.5	5.4	5.3
Singapore	27	57	50	59	60	60	11.7	23.8	20.8	24.6	24.0	24.0
South Africa	50	70	70	78	78	77	2.0	2.5	2.8	2.7	2.6	2.5
Soviet Union	4,100	4,300	4,300	4,300	4,400	4,400	16.1	16.3	16.2	16.1	16.3	16.1
Spain	375	349	341	341	353	340	10.6	9.4	9.1	9.0	9.3	8.9
Sweden	75	68	70	70	70	68	9.1	8.2	8.4	8.4	8.4	8.2
Switzerland	25	23	23	23	23	26	3.9	3.7	3.6	3.6	3.6	4.3
Syria	230	250	250	270	290	222	31.1	29.4	28.4	29.7	30.9	22.7
Thailand	227	250	234	250	250	250	5.4	5.4	4.9	5.1	5.0	4.9
Turkey	564	698	717	741	769	824	14.4	15.7	15.6	15.7	16.0	16.7
United Arab Emirates	21	25	44	44	44	49	35.0	27.8	44.0	40.0	36.7	40.8
United Kingdom	348	324	330	341	334	333	6.2	5.8	5.9	6.1	6.0	5.9
Venezuela	55	55	55	55	56	56	4.3	3.8	3.2	3.3	3.4	3.3
Vietnam	643	650	900	1,000	1,200	1,200	26.5	12.4	16.8	18.3	21.4	20.8
Yugoslavia	270	258	258	260	258	259	12.6	11.6	11.5	11.6	11.4	11.4

NA Not available.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

No. 1507. Military Ships of Selected Countries, by Type: 1975 to 1983

[Includes vessels in reserve, ships under construction, and vessels belonging to Coast Guard services where applicable. Figures for oilers, supply ships, miscellaneous craft, and total craft are based on different criteria from country to country and from year to year]

Country and year	Total	Aircraft carriers	Submarines	Cruisers	Destroyers and frigates	Corvettes, fast attack, and patrol craft	Mine warfare forces	Amphibious forces	Oilers and supply ships	Miscellaneous
U.S.: 1975	1,039	25	150	39	185	29	37	201	264	109
1980	1,947	23	155	30	204	6	25	231	90	1,183
1982	2,015	23	158	38	201	3	25	195	66	1,306
1983	**2,142**	**21**	**159**	**43**	**202**	**4**	**27**	**158**	**89**	**1,439**
China: Mainland: 1975	1,983	–	64	–	20	865	28	515	41	450
1980	2,207	–	92	–	29	997	97	538	54	400
1982	2,336	–	114	–	36	1,048	103	551	54	430
1983	**2,489**	**–**	**125**	**–**	**44**	**1,076**	**104**	**574**	**56**	**510**
France: 1975	458	3	29	2	62	59	60	32	38	173
1980	404	2	29	2	57	23	50	71	12	158
1982	431	4	32	2	53	22	45	91	11	171
1983	**422**	**4**	**30**	**2**	**53**	**18**	**30**	**59**	**9**	**217**
Soviet Union: 1975	2,390	2	403	37	217	566	412	153	259	341
1980	3,025	5	490	50	240	639	389	378	58	776
1982	2,752	5	482	50	287	500	396	321	62	649
1983	**2,633**	**5**	**444**	**44**	**301**	**501**	**432**	**123**	**66**	**717**
United Kingdom: 1975	615	3	36	14	73	15	48	63	54	309
1980	527	5	35	8	74	19	51	86	31	218
1982	501	4	36	4	72	27	58	82	23	195
1983	**487**	**4**	**36**	**–**	**65**	**27**	**49**	**68**	**25**	**213**
1983:										
Argentina	147	1	6	–	18	71	6	13	6	26
Australia	155	–	6	–	13	24	3	7	2	100
Belgium	65	–	–	–	4	3	38	–	–	20
Brazil	181	1	7	–	10	22	6	37	5	93
Bulgaria	114	–	2	–	2	25	30	25	4	26
Canada	86	–	3	–	19	13	–	–	–	51
Chile	61	–	4	–	2	16	–	15	–	24
China: Taiwan	621	–	4	–	36	68	–	458	–	55
Colombia	70	–	4	–	5	24	–	–	1	36
Cuba	163	–	4	–	3	97	12	9	–	38
Denmark	137	–	7	–	10	83	13	–	2	22
Ecuador	53	–	2	–	1	16	–	2	1	31
Egypt	226	–	14	–	5	85	12	27	–	83
Finland	135	–	–	–	–	27	15	14	–	79
German Dem. Republic [1]	231	–	–	–	2	89	47	16	14	63
Germany, Fed. Rep. of	291	–	24	–	16	54	59	28	20	90
Greece	292	–	10	–	20	35	17	91	6	113
India	171	1	15	1	30	27	20	11	7	59
Indonesia	190	–	3	–	10	34	6	77	5	55
Israel	107	–	3	–	–	75	–	12	–	17
Italy	220	2	12	2	16	16	34	9	9	120
Japan	767	–	17	–	18	19	36	45	26	606
Korea, Dem. People's Rep. of	672	–	20	–	2	422	–	113	–	115
Korea, Rep. of [1]	122	–	–	–	21	50	9	31	8	3
Libya	107	–	8	–	1	55	6	26	–	11
Malaysia	108	–	–	–	2	40	2	2	–	62
Mexico	117	–	–	–	6	90	–	2	2	17
Netherlands	116	–	8	–	24	9	29	10	2	34
Nigeria	182	–	–	–	2	24	–	4	–	152
Norway	124	–	16	–	5	52	13	7	–	31
Pakistan	51	–	9	1	–	25	3	2	1	10
Peru	89	–	12	2	4	17	–	4	7	43
Philippines	230	–	–	–	7	84	–	102	2	35
Poland	246	–	4	–	–	91	49	41	7	54
Portugal	80	–	3	–	17	30	4	14	2	10
Romania	176	–	–	–	2	112	45	8	2	7
Saudi Arabia	587	–	–	–	4	52	4	16	1	510
South Africa	75	–	3	–	1	45	10	–	–	16
Spain	445	2	10	–	29	98	12	150	13	131
Sweden	500	–	16	–	–	77	77	148	4	178
Syria	43	–	–	–	2	34	6	–	–	1
Thailand	205	–	–	–	6	105	9	63	3	19
Turkey	298	–	18	–	9	54	41	69	10	97
Venezuela	58	–	3	–	8	11	–	21	–	15
Yugoslavia	190	–	7	–	2	67	37	34	6	37

– Represents zero. [1] 1982 data.

Source: Jane's Publishing, Inc., New York, NY, *Jane's Fighting Ships*, annual. (Copyright by Jane's Publishing Company Ltd., London, England.)

APPENDIX I

Historical Series—Index to Tables in Which *Historical Statistics* Series Appear

[The most recent historical supplement to the *Statistical Abstract* is the bicentennial edition, *Historical Statistics of the United States, Colonial Times to 1970* (see inside back cover). Listed below are statistical time series (identified by number) appearing in this edition, for which tables in the *Statistical Abstract* present comparable figures. Historical series are listed only where related or comparable data are available for one or more years later than 1970. In a few instances, it may be necessary to combine figures shown in the *Abstract* to obtain totals comparable to the series shown in *Historical Statistics*]

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S	
S 1–14	955
S 32–52	978
S 78–82	978
S 86–107	978
S 133–146	984
S 160–175	992
S 190–204	989
S 205–218	988
T	
T 1–14	1385
T 15–28	1386
T 43–47	1387
T 79–196	1396
T 197–219	1390
T 245–271	1389
T 274–287	1405
T 280–371	1403
T 391–401	1406
T 444–471	950
T 472–484	949
U	
U 1–25	1414
U 26–39	1417
U 41–46	1423
U 47–74	1419
U 75–186	1425
U 190–195	1429
U 207–212	1438
U 225–248	1430
U 264–273	1431
U 274–294	1436
U 295–316	1437
U 317–352	1434
V	
V 1–12	874
V 20–30	884
V 21–24	883
V 42–53	876
V 78–107	905
V 129–136	895
V 137	521
V 141–166	889
V 167–183	896
V 182–196	521
V 197–212	984
W	
W 14	695
W 17	695
W 19	695
W 22–25	696
W 30–54	695
W 62–65	695
W 67–81	1164
W 82–95	947
W 96–108	923
W 109–125	996
W 126	997
W 142	999
W 144–160	1000
W 167	1009
X	
X 114–147	815
X 192	814
X 229	814
X 410–417	850
X 444–453	853
X 454–455	854
X 474–491	856
X 492–498	857
X 499–500	858
X 505–506	858
X 517–530	859
X 536–539	864
X 551–560	845
X 588–609	827
X 716–724	822
X 741	829
X 748	829
X 756	829
X 761	829
X 834–844	835
X 864–878	839
X 879–889	868
X 890–907	865
X 908–917	866
X 918	870
X 923	870
X 928	870
X 933	870
X 940	870
X 957–962	872
Y	
Y 79–83	410
Y 84–134	411
Y 135–186	412
Y 189–198	418
Y 199–203	419
Y 204–210	417
Y 211–214	415
Y 272–307	481
Y 308–317	530
Y 318–331	527
Y 335–338	493
Y 339–342	491
Y 358–373	510
Y 381–392	520
Y 393–411	512
Y 412–439	517
Y 458–460	542
Y 461	500
Y 493–494	500
Y 497	503
Y 500–504	503
Y 505–637	445
Y 638–651	450
Y 652–848	445
Y 856–903	570
Y 904–916	563
Y 943–956	583
Y 971–983	586
Y 998–999	587

Appendix II

Metropolitan Area Concepts and Components

Statistics for metropolitan areas shown in the *Statistical Abstract* represent areas designated by the U.S. Office of Management and Budget (OMB) as standard metropolitan statistical areas (SMSA's) or metropolitan statistical areas (MSA's). Effective June 30, 1983, OMB changed the basic term from SMSA to MSA and revised the geographic definitions of many individual metropolitan areas; some new areas were defined, and some areas were redesignated as PMSA's or CMSA's (see further explanation below). The revised definitions appear in OMB press release 83-20 of June 27, 1983. The official standards for defining MSA's appeared in the Federal Register, January 3, 1980 (part 6). Revisions of MSA definitions were made by OMB effective 1984 and 1985.

The list of areas which follows (see p. 870) specifies components and population totals and refers to the definitions in effect on June 30, 1985. On that date, there were 264 MSA's, as well as 21 CMSA's comprising 73 PMSA's (including 4 MSA's, 1 CMSA, and 2 PMSA's in Puerto Rico). The figures in tables A, B, and C below (see pp. 868 and 869), exclude the areas in Puerto Rico.

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. Standard definitions of metropolitan statistical areas were first issued in 1949 by the then Bureau of the Budget (predecessor of OMB), under the designation "Standard Metropolitan Areas"; the term was changed to SMSA in 1959. From 1977 to 1981, the SMSA's were the responsibility of the Office of Federal Statistical Policy and Standards, Department of Commerce.

The criteria for the establishment and definition of SMSA's were modified in 1958, 1971, and 1975. The current standards were adopted in January 1980; they provide that each MSA must include at least:

(a) One city with 50,000 or more inhabitants, or

(b) A Census Bureau-defined urbanized area of at least 50,000 inhabitants *and* a total MSA population of at least 100,000 (75,000 in New England).

The standards provide that the MSA include as "central county(ies)" the county in which the central city is located, and adjacent counties, if any, with at least 50 percent of their population in the urbanized area. Additional "outlying counties" are included if they meet specified requirements of commuting to the central counties and of metropolitan character (such as population density and percent urban). In New England the MSA's are defined in terms of cities and towns rather than counties.

The 1980 standards provide that within metropolitan complexes of 1 million or more population, separate component areas are defined if specified criteria are met. Such areas are designated primary metropolitan statistical areas (PMSA's); and any area containing PMSA's is designated a consolidated metropolitan statistical area (CMSA). Besides the 21 CMSA's, there are 15 MSA's of 1 million or more within which no component PMSA's are established. Of the 73 PMSA's most were formerly SMSA's, but some were newly established in 1983.

Of the 21 CMSA's most were previously recognized as standard consolidated statistical areas (SCSA's), but 5 were formerly SMSA's within which PMSA's were newly qualified in 1983.

The standards adopted in 1980 were implemented in two stages. First, they were used to define a group of 36 new areas in June 1981. The 323 SMSA's as of June 30, 1981 were reported in the 1980 census tabulations and publications. Next, the boundaries of all SMSA's were reviewed in 1982-83 under the new standards after 1980 commuting data became available.

Revised 1980 standards for determining central cities and titles were implemented as part of the 1982-83 review. The largest city in each MSA is designated a "central city"; in addition there may be additional central cities if specified requirements are met. The title of each MSA consists of the name(s) of up to three of its central cities and the name of each State into which the MSA extends. However, a central city generally is not included in an MSA title unless it has at least one-third the population of the area's largest city. Prior to 1983, virtually all central cities appeared in area titles. An MSA may include other cities of 50,000 or more besides its central or title cities.

One report relating to the new MSA definitions has been published as *1980 Census of Population, Supplementary Report, Metropolitan Statistical Areas* (PC80-S1-18). A second supplementary report showing sample characteristics for MSA's and their central cities was in preparation at the time this text was drafted.

New England MSA's and NECMA's.—Because MSA's in New England are defined in terms of cities and towns rather than counties, some statistical data that are available only for counties cannot be compiled for individual New England MSA's. Therefore, for New England areas, data are shown for both New England County Metropolitan Areas (NECMA's) and MSA's wherever possible. The NECMA's provide a county version of the New England areas, but do not replace New England MSA's as the standard areas. NECMA's are defined corresponding to the 3 CMSA's in New England and for the portion of the New York-Northern New Jersey-Long Island CMSA in Connecticut. There are no NECMA definitions corresponding to New England PMSA's.

Effect of changes in MSA definition.—Changes in the definitions of MSA's since 1949 have consisted chiefly of (1) the recognition of new areas as, for example, cities reached 50,000 population; and (2) the addition of counties (or towns in New England) to existing MSA's as new census data showed them to qualify. Also, several formerly separate MSA's have been merged, and occasionally territory has been transferred from one MSA to another or from an MSA to nonmetropolitan territory. Comparisons of MSA figures over time may be affected in cases where the MSA definitions were changed. To maintain comparability, data for an earlier period have been revised in this volume where possible, to reflect the MSA boundaries of the more recent period. However, this could not always be done; for data based on a sample survey, in particular, it is usually not possible to revise the data to reflect changes in MSA definitions that occurred after the survey was made.

In tables A, B, and C that follow, data are given for MSA's as defined for specified dates, thereby indicating the extent of change in population and land area resulting from revisions in definitions.

TABLE A. NUMBER, POPULATION, AND LAND AREA OF MSA'S AS DEFINED AT SPECIFIED DATES: 1950 TO 1984

[The differences in population shown here for each year in the successive columns of the table result entirely from net expansion of metropolitan territory through changes in the MSA definitions. The differences in population shown for each MSA definition (on the successive lines of the table) result entirely from population changes within that territory, unaffected by changes in MSA definitions. The changes in 1980 land area result entirely from net expansion of MSA territory. All data include Alaska and Hawaii and exclude Puerto Rico. Subtraction of any line of the table from the line below will show the net effect of change in population and land area undergone by the MSA's as the result of changes in definitions between the specified dates. Such changes typically occurred throughout the period, not on any single date, and may have included subtractions from, as well as additions to, MSA territory. Census population data for 1970 include corrections made since publication. The area data for the 1950 and 1960 census definitions of MSA's differ from the data published in those censuses because they are based on a remeasurement of land areas made during the 1960's, and also reflect changes in inland water area occurring up to 1970]

MSA DEFINITION AS OF—	Number of MSA's	POPULATION					Land area, 1980 (sq. mi)
		1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	1984, July 1	
1950 census (Mar. 1952)	169	[1] 84,853,700	106,344,548	122,184,836	128,839,422	133,153,636	207,146
1960 census (Nov. 1960)	212	89,316,903	[2] 112,885,139	130,982,661	140,793,427	146,319,076	309,112
1964 (Aug. 31) [3]	217	91,644,188	115,876,343	134,700,911	145,503,863	151,557,819	348,861
1968 (Jan. 31) [4]	230	93,629,986	118,413,604	137,976,252	149,811,057	155,979,777	377,581
1970 census (Feb. 28, 1971)	243	94,579,008	[5] 119,593,498	[6] 139,479,806	151,662,221	157,873,598	386,886
1974 (Apr. 30) [7]	265	[8] 100,219,707	[9] 126,613,710	148,198,993	162,753,335	169,888,909	491,249
1977 (Dec. 31) [10]	277	101,109,145	127,674,818	149,482,664	164,383,496	171,595,572	510,581
1980 census (June 30, 1981)	318	104,172,853	131,318,714	153,693,767	169,430,623	176,949,909	566,157
1983 (June 30)	[11] 275	105,214,181	132,633,988	155,410,542	171,776,970	179,511,559	560,900
1984 (Oct. 12)	[11] 277	105,269,298	132,707,748	155,519,340	171,955,900	179,722,839	564,908
1985 (June 30)	[11] 280	105,411,141	132,886,747	155,700,823	[12] 172,169,456	179,946,311	570,933

[1] Corresponds to total MSA population for 1950 published in 1950 census (84,500,680) plus Honolulu MSA. [2] Corresponds to total MSA population for 1960 published in 1960 census (112,885,178), corrected by subtracting population (39) erroneously included in Franklin County, Ohio (Columbus MSA). [3] MSA's as defined for the 1963 economic censuses. [4] MSA's as defined for the 1967 economic censuses. [5] Corresponds to total 1960 population for 1970 MSA's published in 1970 census (119,594,754), corrected by subtracting 1,256 population from Lawrence-Haverhill MSA; this represented an addition to the 1960 population of Andover town made subsequent to the original census tabulations, and therefore not reflected in State or national totals. [6] Corresponds to total MSA population for 1970 published in 1970 census (139,418,811), plus net corrections made subsequent to publication. [7] MSA's as defined for the 1972 economic censuses. [8] Includes estimated 1950 population (32,060) of Anchorage Census Division, as defined in 1970. [9] Includes 1960 population (82,833) of Anchorage Census Division, as defined in 1970. [10] MSA's as defined for the 1977 economic censuses. [11] MSA's and CMSA's. [12] Uncorrected figure.

Source: U.S. Bureau of the Census, 1950-1970, *U.S. Census of Population*, vol. I; *1980 Census of Population*, vol. I, chapters A and B and *Supplementary Report, Metropolitan Statistical Areas* (PC80-S1-18); and unpublished data.

TABLE B. NONMETROPOLITAN POPULATION AND LAND AREA AT SPECIFIED DATES: 1950 TO 1984

[See headnote for table A, p. 868. Nonmetropolitan population and land area are equivalent to that portion of the total national population and land area not included within MSA's at the dates specified]

MSA DEFINITION AS OF—	POPULATION					Land area, 1980 (sq. mi.)
	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	1984, July 1	
1950 census (Mar. 1952)	66,472,098	72,978,627	81,117,195	97,706,383	103,003,984	3,332,143
1960 census (Nov. 1960)	62,008,895	66,438,036	72,319,370	85,752,378	89,838,544	3,230,177
1964 (Aug. 31)	59,681,610	63,446,832	68,601,120	81,041,942	84,599,801	3,190,428
1968 (Jan. 31)	57,695,812	60,909,571	65,325,779	76,734,748	80,177,843	3,161,708
1970 census (Feb. 28, 1971)	56,746,790	59,729,677	63,822,225	74,883,584	78,284,022	3,152,403
1974 (Apr. 30)	51,016,091	52,709,465	55,103,038	63,792,470	66,266,711	3,048,040
1977 (Dec. 31)	50,216,653	51,648,357	53,819,367	62,162,309	64,562,048	3,028,708
1980 census (June 30, 1981)	47,152,945	48,004,481	49,608,264	57,115,182	59,207,711	2,973,321
1983 (June 30)	46,111,617	46,689,187	47,891,489	54,768,827	56,646,061	2,978,389
1984 (Oct. 12)	46,056,500	46,615,427	47,782,691	54,589,905	56,434,781	2,974,381
1985 (June 30)	45,914,657	46,436,428	47,601,208	54,376,349	56,211,309	2,968,356

Source: U.S. Bureau of the Census, 1950–1970, *U.S. Census of Population*, vol. I; *1980 Census of Population*, vol. 1, chapters A and B and *Supplementary Report, Metropolitan Statistical Areas*, (PC80-S1-18), and unpublished data.

TABLE C. PERCENT OF TOTAL U.S. POPULATION AND PERCENT OF LAND AREA INSIDE MSA'S AS DEFINED AT SPECIFIED DATES: 1950 TO 1984

[See headnote for table A, p. 868]

MSA DEFINITION AS OF—	PERCENT OF POPULATION					Percent of land area, 1980
	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	1984, July 1	
1950 census (Mar. 1952)	56.1	59.3	60.1	56.9	56.4	5.9
1960 census (Nov. 1960)	59.0	63.0	64.4	62.2	62.0	8.7
1964 (Aug. 31)	60.6	64.6	66.3	64.2	64.2	9.9
1968 (Jan. 31)	61.9	66.0	67.9	66.1	66.0	10.7
1970 census (Feb. 28, 1971)	62.5	66.7	68.6	67.0	66.9	10.9
1974 (Apr. 30)	66.2	70.6	72.9	71.8	71.9	13.9
1977 (Dec. 31)	66.8	71.2	73.5	72.6	72.7	14.4
1980 census (June 30, 1981)	68.8	73.2	75.6	74.8	74.9	16.0
1983 (June 30)	69.5	74.0	76.4	75.8	76.0	15.8
1984 (Oct. 12)	69.6	74.0	76.5	75.9	76.1	16.0
1985 (June 30)	69.7	74.1	76.6	76.0	76.2	16.1

Source: U.S. Bureau of the Census, 1950–1970, *U.S. Census of Population*, vol. I; *1980 Census of Population*, vol. 1, chapters A and B, and *Supplementary Report, Metropolitan Areas*, (PC80-S1-18), and unpublished data.

New England County Metropolitan Areas (NECMA'S)

	1984 Population [1] (1,000)
Bangor, ME	**138**
Penobscot County	138
Boston-Lawrence-Salem-Lowell-Brockton, MA	**3,695**
Essex County	646
Middlesex County	1,369
Norfolk County	604
Plymouth County	418
Suffolk County	659
Bridgeport-Stamford-Norwalk-Danbury, CT	**816**
Fairfield County	816
Burlington, VT	**126**
Chittenden County	121
Grand Isle County	5
Hartford-New Britain-Middletown-Bristol, CT	**1,069**
Hartford County	817
Middlesex County	133
Tolland County	119
Lewiston-Auburn, ME	**100**
Androscoggin County	100
Manchester-Nashua, NH	**295**
Hillsborough County	295
New Bedford-Fall River-Attleboro, MA	**478**
Bristol County	478
New Haven-Waterbury-Meriden, CT	**770**
New Haven County	770
New London-Norwich, CT	**245**
New London County	245
Pittsfield, MA	**142**
Berkshire County	142
Portland, ME	**223**
Cumberland County	223
Portsmouth-Dover-Rochester, NH	**300**
Rockingham County	208
Strafford County	92
Providence-Pawtucket-Woonsocket, RI	**878**
Bristol County	47
Kent County	157
Providence County	577
Washington County	97
Springfield, MA	**584**
Hampden County	443
Hampshire County	141
Worcester-Fitchburg-Leominster, MA	**654**
Worcester County	654

[1] As of July 1.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 976.

APPENDIX II

Metropolitan Statistical Areas and their Components as of June 30, 1985

[Population estimated as of **July 1, 1984.** All MSA's are arranged alphabetically. For relationship of PMSA's to their CMSA's, see CMSA entry]

	1984 Population (1,000)
Abilene, TX MSA	**123**
Taylor County	123
Akron, OH PMSA	**650**
Portage County	138
Summit County	513
Albany, GA MSA	**117**
Dougherty County	103
Lee County	14
Albany-Schenectady-Troy, NY MSA	**843**
Albany County	286
Greene County	41
Montgomery County	53
Rensselaer County	152
Saratoga County	160
Schenectady County	151
Albuquerque, NM MSA	**449**
Bernalillo County	449
Alexandria, LA MSA	**139**
Rapides Parish	139
Allentown-Bethlehem, PA-NJ MSA	**647**
Warren County, NJ	85
Carbon County, PA	54
Lehigh County, PA	277
Northampton County, PA	231
Altoona, PA MSA	**134**
Blair County	134
Amarillo, TX MSA	**190**
Potter County	107
Randall County	84
Anaheim-Santa Ana, CA PMSA	**2,076**
Orange County	2,076
Anchorage, AK MSA	**227**
Anchorage Borough	227
Anderson, IN MSA	**134**
Madison County	134
Anderson, SC MSA	**139**
Anderson County	139
Ann Arbor, MI PMSA	**261**
Washtenaw County	261
Anniston, AL MSA	**126**
Calhoun County	126
Appleton-Oshkosh-Neenah WI MSA	**299**
Calumet County	33
Outagamie County	133
Winnebago County	134
Asheville, NC MSA	**166**
Buncombe County	166
Athens, GA MSA	**137**
Clarke County	76
Jackson County	27
Madison County	19
Oconee County	14
Atlanta, GA MSA	**2,380**
Barrow County	24
Butts County	15
Cherokee County	63
Clayton County	163
Cobb County	354
Coweta County	43
De Kalb County	502
Douglas County	63
Fayette County	39
Forsyth County	33
Fulton County	615
Gwinnett County	230
Henry County	42
Newton County	38
Paulding County	29
Rockdale County	43
Spalding County	51
Walton County	32
Atlantic City, NJ MSA	**290**
Atlantic County	201
Cape May County	89
Augusta, GA-SC MSA	**368**
Columbia County, GA	49
McDuffie County, GA	19
Richmond County, GA	188
Aiken County, SC	112
Aurora-Elgin, IL PMSA	**331**
Kane County	294
Kendall County	37
Austin, TX MSA	**645**
Hays County	50
Travis County	499
Williamson County	97
Bakersfield, CA MSA	**462**
Kern County	462
Baltimore, MD MSA	**2,245**
Anne Arundel County	389
Baltimore County	673
Carroll County	105
Harford County	151
Howard County	136
Queen Anne's County	28
Baltimore city	764
Bangor, ME MSA	**84**
Penobscot County (pt)	(NA)
Waldo County (pt)	(NA)
Baton Rouge, LA MSA	**538**
Ascension Parish	57
East Baton Rouge Parish	391
Livingston Parish	69
West Baton Rouge Parish	20
Battle Creek, MI MSA	**138**
Calhoun County	138
Beaumont-Port Arthur, TX MSA	**392**
Hardin County	43
Jefferson County	259
Orange County	90
Beaver County, PA PMSA	**199**
Beaver County	199
Bellingham, WA MSA	**112**
Whatcom County	112
Benton Harbor, MI MSA	**163**
Berrien County	163
Bergen-Passaic, NJ PMSA	**1,300**
Bergen County	844
Passaic County	455
Billings, MT MSA	**119**
Yellowstone County	119
Biloxi-Gulfport, MS MSA	**197**
Hancock County	29
Harrison County	169
Binghamton, NY MSA	**264**
Broome County	214
Tioga County	51
Birmingham, AL MSA	**895**
Blount County	37
Jefferson County	672
St. Clair County	44
Shelby County	74
Walker County	69
Bismarck, ND MSA	**86**
Burleigh County	59
Morton County	27
Bloomington, IN MSA	**101**
Monroe County	101
Bloomington-Normal, IL MSA	**123**
McLean County	123
Boise City, ID MSA	**189**
Ada County	189
Boston, MA PMSA	**2,821**
Bristol County (pt.)	(NA)
Essex County (pt.)	(NA)
Middlesex County (pt.)	(NA)
Norfolk County (pt.)	(NA)
Plymouth County (pt.)	(NA)
Suffolk County	(NA)
Worcester County (pt.)	(NA)
Boston-Lawrence-Salem, MA-NH CMSA	**4,027**
Boston, MA PMSA	2,821
Brockton, MA PMSA	186
Lawrence-Haverhill, MA-NH PMSA	357
Lowell, MA-NH PMSA	250
Nashua, NH PMSA	153
Salem-Gloucester, MA PMSA	259
Boulder-Longmont, CO PMSA	**209**
Boulder County	209
Bradenton, FL MSA	**170**
Manatee County	170
Brazoria, TX PMSA	**186**
Brazoria County	186
Bremerton, WA MSA	**165**
Kitsap County	165

See footnote on page 876.

[See headnote, p. 870]

	1984 Population (1,000)
Bridgeport-Milford, CT PMSA	**441**
Fairfield County (pt.)	(NA)
New Haven County (pt.)	(NA)
Bristol, CT PMSA	**75**
Hartford County (pt.)	(NA)
Litchfield County (pt.)	(NA)
Brockton, MA PMSA	**186**
Bristol County (pt.)	(NA)
Norfolk County (pt.)	(NA)
Plymouth County (pt.)	(NA)
Brownsville-Harlingen, TX MSA	**241**
Cameron County	241
Bryan-College Station, TX MSA	**117**
Brazos County	117
Buffalo, NY PMSA	**985**
Erie County	985
Buffalo-Niagara Falls, NY CMSA	**1,205**
Buffalo, NY PMSA	985
Niagara Falls, NY PMSA	219
Burlington, NC MSA	**102**
Alamance County	102
Burlington, VT MSA	**121**
Chittenden County (pt.)	(NA)
Franklin County (pt.)	(NA)
Grand Isle County (pt.)	(NA)
Canton, OH MSA	**404**
Carroll County	27
Stark County	377
Casper, WY MSA	**75**
Natrona County	75
Cedar Rapids, IA MSA	**170**
Linn County	170
Champaign-Urbana-Rantoul, IL MSA	**170**
Champaign County	170
Charleston, SC MSA	**473**
Berkeley County	113
Charleston County	289
Dorchester County	71
Charleston, WV MSA	**267**
Kanawha County	227
Putnam County	40
Charlotte-Gastonia-Rock Hill, NC-SC MSA	**1,031**
Cabarrus County, NC	92
Gaston County, NC	169
Lincoln County, NC	45
Mecklenburg County, NC	432
Rowan County, NC	102
Union County, NC	76
York County, SC	115
Charlottesville, VA MSA	**118**
Albemarle County	59
Fluvanna County	10
Greene County	8
Charlottesville city	41
Chattanooga, TN-GA MSA	**423**
Catoosa County GA	38
Dade County, GA	12
Walker County, GA	55
Hamilton County, TN	284
Marion County, TN	24
Sequatchie County, TN	9
Cheyenne, WY MSA	**72**
Laramie County	72

	1984 Population (1,000)
Chicago, IL PMSA	**6,128**
Cook County	5,270
Du Page County	701
McHenry County	156
Chicago-Gary-Lake County (IL), IL-IN-WI CMSA	**8,035**
Aurora-Elgin, IL PMSA	331
Chicago, IL PMSA	6,128
Gary-Hammond, IN PMSA	630
Joliet, IL PMSA	364
Kenosha, WI PMSA	121
Lake County, IL PMSA	461
Chico, CA MSA	**159**
Butte County	159
Cincinnati, OH-KY-IN PMSA	**1,408**
Dearborn County, IN	37
Boone County, KY	50
Campbell County, KY	81
Kenton County, KY	137
Clermont County, OH	137
Hamilton County, OH	864
Warren County, OH	103
Cincinnati-Hamilton, OH-KY-IN CMSA	**1,674**
Cincinnati, OH-KY-IN PMSA	1,408
Hamilton-Middletown, OH PMSA	265
Clarksville-Hopkinsville, TN-KY MSA	**153**
Christian County, KY	65
Montgomery County, TN	88
Cleveland, OH PMSA	**1,867**
Cuyahoga County	1,461
Geauga County	75
Lake County	216
Medina County	116
Cleveland-Akron-Lorain, OH CMSA	**2,788**
Akron, OH PMSA	650
Cleveland, OH PMSA	1,867
Lorain-Elyria, OH PMSA	271
Colorado Springs, CO MSA	**349**
El Paso County	349
Columbia, MO MSA	**106**
Boone County	106
Columbia, SC MSA	**433**
Lexington County	154
Richland County	280
Columbus, GA-AL MSA	**244**
Russell County, AL	48
Chattahoochee County, GA	20
Muscogee County, GA	176
Columbus, OH MSA	**1,279**
Delaware County	57
Fairfield County	96
Franklin County	894
Licking County	124
Madison County	35
Pickaway County	43
Union County	31
Corpus Christi, TX MSA	**361**
Nueces County	298
San Patricio County	63
Cumberland, MD-WV MSA	**105**
Allegany County, MD	77
Mineral County, WV	28
Dallas, TX PMSA	**2,204**
Collin County	179
Dallas County	1,723

	1984 Population (1,000)
Denton County	168
Ellis County	67
Kaufman County	47
Rockwall County	19
Dallas-Fort Worth, TX CMSA	**3,348**
Dallas, TX PMSA	2,204
Fort Worth-Arlington, TX PMSA	1,144
Danbury, CT PMSA	**180**
Fairfield County (pt.)	(NA)
Litchfield County (pt.)	(NA)
Danville, VA MSA	**111**
Pittsylvania County	67
Danville city	45
Davenport-Rock Island-Moline, IA-IL MSA	**361**
Henry County, IL	54
Rock Island County, IL	165
Scott County, IA	161
Dayton-Springfield, OH MSA	**930**
Clark County	148
Greene County	130
Miami County	89
Montgomery County	564
Daytona Beach, FL MSA	**300**
Volusia County	300
Decatur, IL MSA	**129**
Macon County	129
Denver, CO PMSA	**1,583**
Adams County	272
Arapahoe County	362
Denver County	505
Douglas County	34
Jefferson County	411
Denver-Boulder, CO CMSA	**1,791**
Boulder-Longmont, CO PMSA	209
Denver, CO PMSA	1,583
Des Moines, IA MSA	**377**
Dallas County	30
Polk County	312
Warren County	36
Detroit, MI PMSA	**4,316**
Lapeer County	69
Livingston County	101
Macomb County	686
Monroe County	131
Oakland County	1,005
St. Clair County	138
Wayne County	2,186
Detroit-Ann Arbor, MI CMSA	**4,577**
Ann Arbor, MI PMSA	261
Detroit, MI PMSA	4,316
Dothan, AL MSA	**124**
Dale County	46
Houston County	78
Dubuque, IA MSA	**92**
Dubuque County	92
Duluth, MN-WI MSA	**254**
St. Louis County, MN	210
Douglas County, WI	44
Eau Claire, WI MSA	**136**
Chippewa County	53
Eau Claire County	83
El Paso, TX MSA	**526**
El Paso County	526

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	1984 Population (1,000)
Elkhart-Goshen, IN MSA	**142**
Elkhart County	142
Elmira, NY MSA	**93**
Chemung County	93
Enid, OK MSA	**65**
Garfield County	65
Erie, PA MSA	**282**
Erie County	282
Eugene-Springfield, OR MSA	**266**
Lane County	266
Evansville, IN-KY MSA	**281**
Posey County, IN	26
Vanderburgh County, IN	168
Warrick County, IN	45
Henderson County, KY	42
Fall River, MA-RI PMSA	**157**
Bristol County, MA (pt.)	(NA)
Newport County, RI (pt.)	(NA)
Fargo-Moorhead, ND-MN MSA	**143**
Clay County, MN	49
Cass County, ND	95
Fayetteville, NC MSA	**251**
Cumberland County	251
Fayetteville-Springdale, AR MSA	**104**
Washington County	104
Fitchburg-Leominster, MA MSA	**96**
Middlesex County (pt.)	(NA)
Worcester County (pt.)	(NA)
Flint, MI MSA	**434**
Genesee County	434
Florence, AL MSA	**136**
Colbert County	54
Lauderdale County	82
Florence, SC MSA	**114**
Florence County	114
Fort Collins-Loveland, CO MSA	**166**
Larimer County	166
Fort Lauderdale-Hollywood—Pompano Beach, FL PMSA	**1,093**
Broward County	1,093
Fort Myers-Cape Coral, FL MSA	**253**
Lee County	253
Fort Pierce, FL MSA	**190**
Martin County	79
St. Lucie County	111
Fort Smith, AR-OK MSA	**170**
Crawford County, AR	40
Sebastian County, AR	97
Sequoyah County, OK	33
Fort Walton Beach, FL MSA	**128**
Okaloosa County	128
Fort Wayne, IN MSA	**348**
Allen County	289
De Kalb County	33
Whitley County	26
Fort Worth-Arlington, TX PMSA	**1,144**
Johnson County	82
Parker County	52
Tarrant County	1,010
Fresno, CA MSA	**565**
Fresno County	565
Gadsden, AL MSA	**104**
Etowah County	104
Gainesville, FL MSA	**190**
Alachua County	167
Bradford County	23
Galveston-Texas City, TX PMSA	**215**
Galveston County	215
Gary-Hammond IN PMSA	**630**
Lake County	505
Porter County	125
Glens Falls, NY MSA	**112**
Warren County	56
Washington County	56
Grand Forks, ND MSA	**69**
Grand Forks County	69
Grand Rapids, MI MSA	**626**
Kent County	462
Ottawa County	165
Great Falls, MT MSA	**82**
Cascade County	82
Greeley, CO MSA	**132**
Weld County	132
Green Bay, WI MSA	**181**
Brown County	181
Greensboro-Winston-Salem-High Point, NC MSA	**886**
Davidson County	118
Davie County	27
Forsyth County	256
Guilford County	325
Randolph County	96
Stokes County	35
Yadkin County	29
Greenville-Spartanburg, SC MSA	**593**
Greenville County	301
Pickens County	84
Spartanburg County	208
Hagerstown, MD MSA	**112**
Washington County	112
Hamilton-Middletown, OH PMSA	**265**
Butler County	265
Harrisburg-Lebanon-Carlisle, PA MSA	**570**
Cumberland County	186
Dauphin County	236
Lebanon County	111
Perry County	38
Hartford, CT PMSA	**729**
Hartford County (pt.)	(NA)
Litchfield County (pt.)	(NA)
Middlesex County (pt.)	(NA)
New London County (pt.)	(NA)
Tolland County (pt.)	(NA)
Hartford-New Britain-Middletown, CT CMSA	**1,030**
Bristol, CT PMSA	75
Hartford, CT PMSA	729
Middletown, CT PMSA	83
New Britain, CT PMSA	143
Hickory, NC MSA	**212**
Alexander County	26
Burke County	75
Catawba County	111
Honolulu, HI MSA	**805**
Honolulu County	805
Houma-Thibodaux, LA MSA	**190**
Lafourche Parish	88
Terrebonne Parish	102
Houston, TX PMSA	**3,164**
Fort Bend County	179
Harris County	2,747
Liberty County	54
Montgomery County	160
Waller County	23
Houston-Galveston-Brazoria, TX CMSA	**3,566**
Brazoria, TX PMSA	186
Galveston-Texas City, TX PMSA	215
Houston, TX PMSA	3,164
Huntington-Ashland, WV-KY-OH MSA	**334**
Boyd County, KY	55
Carter County, KY	26
Greenup County, KY	39
Lawrence County, OH	63
Cabell County, WV	106
Wayne County, WV	46
Huntsville, AL MSA	**210**
Madison County	210
Indianapolis, IN MSA	**1,195**
Boone County	38
Hamilton County	89
Hancock County	44
Hendricks County	73
Johnson County	81
Marion County	775
Morgan County	54
Shelby County	40
Iowa City, IA MSA	**85**
Johnson County	85
Jackson, MI MSA	**145**
Jackson County	145
Jackson, MS MSA	**382**
Hinds County	259
Madison County	45
Rankin County	78
Jackson, TN MSA	**76**
Madison County	76
Jacksonville, FL MSA	**795**
Clay County	81
Duval County	613
Nassau County	37
St. Johns County	64
Jacksonville, NC MSA	**119**
Onslow County	119
Janesville-Beloit, WI MSA	**139**
Rock County	139
Jersey City, NJ PMSA	**560**
Hudson County	560
Johnson City-Kingsport-Bristol, TN-VA MSA	**442**
Carter County, TN	51
Hawkins County, TN	45
Sullivan County, TN	145
Unicoi County, TN	17
Washington County, TN	92

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[See headnote, p. 870]

	1984 Population (1,000)
Scott County, VA	26
Washington County, VA	47
Bristol city, VA	19
Johnstown, PA MSA	**259**
Cambria County	177
Somerset County	82
Joliet, IL PMSA	**364**
Grundy County	31
Will County	333
Joplin, MO MSA	**132**
Jasper County	89
Newton County	43
Kalamazoo, MI MSA	**215**
Kalamazoo County	215
Kankakee, IL MSA	**100**
Kankakee County	100
Kansas City, MO-KS MSA	**1,477**
Johnson County, KS	296
Leavenworth County, KS	58
Miami County, KS	22
Wyandotte County, KS	172
Cass County, MO	54
Clay County, MO	138
Jackson County, MO	634
Lafayette, County, MO	30
Platte County, MO	49
Ray County, MO	22
Kenosha, WI PMSA	**121**
Kenosha County	121
Killeen-Temple, TX MSA	**226**
Bell County	167
Coryell County	59
Knoxville, TN MSA	**589**
Anderson County	69
Blount County	81
Grainger County	17
Jefferson County	34
Knox County	329
Sevier County	46
Union County	12
Kokomo, IN MSA	**101**
Howard County	85
Tipton County	16
La Crosse, WI MSA	**93**
La Crosse County	93
Lafayette, LA MSA	**216**
Lafayette Parish	170
St. Martin Parish	46
Lafayette, IN MSA	**124**
Tippecanoe County	124
Lake Charles, LA MSA	**175**
Calcasieu Parish	175
Lake County, IL PMSA	**461**
Lake County	461
Lakeland-Winter Haven, FL MSA	**355**
Polk County	355
Lancaster, PA MSA	**381**
Lancaster County	381
Lansing-East Lansing, MI MSA	**416**
Clinton County	55
Eaton County	89
Ingham County	272
Laredo, TX MSA	**118**
Webb County	118
Las Cruces, NM MSA	**112**
Dona Ana County	112
Las Vegas, NV MSA	**536**
Clark County	536
Lawrence, KS MSA	**70**
Douglas County	70
Lawrence-Haverhill, MA-NH PMSA	**357**
Essex County MA (pt.)	267
Rockingham County, NH (pt.)	90
Lawton, OK MSA	**119**
Comanche County	119
Lewiston-Auburn, ME MSA	**85**
Androscoggin County (pt.)	85
Lexington-Fayette, KY MSA	**327**
Bourbon County	19
Clark County	29
Fayette County	210
Jessamine County	28
Scott County	22
Woodford County	19
Lima, OH MSA	**152**
Allen County	109
Auglaize County	43
Lincoln, NE MSA	**203**
Lancaster County	203
Little Rock-North Little Rock, AR MSA	**493**
Faulkner County	50
Lonoke County	37
Pulaski County	351
Saline County	56
Longview-Marshall, TX MSA	**168**
Gregg County	111
Harrison County	57
Lorain-Elyria, OH PMSA	**271**
Lorain County	271
Los Angeles-Anaheim-Riverside, CA CMSA	**12,373**
Anaheim-Santa Ana, CA PMSA	2,076
Los Angeles-Long Beach, CA PMSA	7,901
Oxnard-Ventura, CA PMSA	585
Riverside-San Bernardino, CA PMSA	1,811
Los Angeles-Long Beach, CA PMSA	**7,901**
Los Angeles County	7,901
Louisville, KY-IN MSA	**963**
Clark County, IN	90
Floyd County, IN	63
Harrison County, IN	26
Bullitt County, KY	45
Jefferson County, KY	683
Oldham County, KY	30
Shelby County, KY	24
Lowell, MA-NH PMSA	**250**
Middlesex County, MA (pt)	242
Hillsborough County, NH (pt)	9
Lubbock, TX MSA	**219**
Lubbock County	219
Lynchburg, VA MSA	**143**
Amherst County	29
Campbell County	46
Lynchburg city	67
Macon-Warner Robins, GA MSA	**278**
Bibb County	157
Houston County	84
Jones County	18
Peach County	19
Madison, WI MSA	**333**
Dane County	333
Manchester, NH MSA	**136**
Hillsborough County (pt.)	(NA)
Merrimack County (pt.)	(NA)
Rockingham County (pt.)	(NA)
Mansfield, OH MSA	**129**
Richland County	129
McAllen-Edinburg-Mission, TX MSA	**337**
Hidalgo County	337
Medford, OR MSA	**136**
Jackson County	136
Melbourne-Titusville-Palm Bay, FL MSA	**329**
Brevard County	329
Memphis, TN-AR-MS MSA	**935**
Crittenden County, AR	50
De Soto County MS	57
Shelby County, TN	793
Tipton County, TN	35
Miami-Fort Lauderdale, FL CMSA	**2,799**
Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA	1,093
Miami-Hialeah, FL PMSA	1,706
Miami-Hialeah, FL PMSA	**1,706**
Dade County	1,706
Middlesex-Somerset-Hunterdon, NJ PMSA	**922**
Hunterdon County	93
Middlesex County	618
Somerset County	211
Middletown, CT PMSA	**83**
Middlesex County (pt)	83
Midland, TX MSA	**114**
Midland County	114
Milwaukee, WI PMSA	**1,394**
Milwaukee County	954
Ozaukee County	67
Washington County	87
Waukesha County	285
Milwaukee-Racine, WI CMSA	**1,568**
Milwaukee, WI PMSA	1,394
Racine, WI PMSA	174
Minneapolis-St. Paul, MN-WI MSA	**2,231**
Anoka County, MN	211
Carver County, MN	39
Chisago County, MN	28
Dakota County, MN	214
Hennepin County, MN	970
Isanti County, MN	25
Ramsey County, MN	468
Scott County, MN	47
Washington County, MN	123
Wright County, MN	62
St. Croix County, WI	45
Mobile, AL MSA	**466**
Baldwin County	87
Mobile County	378
Modesto, CA MSA	**296**
Stanislaus County	296

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	1984 Population (1,000)
Monmouth-Ocean, NJ PMSA	**901**
Monmouth County	525
Ocean County	375
Monroe, LA MSA	**143**
Ouachita Parish	143
Montgomery, AL MSA	**285**
Autauga County	33
Elmore County	46
Montgomery County	205
Muncie, IN MSA	**124**
Delaware County	124
Muskegon, MI MSA	**156**
Muskegon County	156
Naples, FL MSA	**111**
Collier County	111
Nashua, NH PMSA	**153**
Hillsborough County (pt.)	(NA)
Rockingham County (pt.)	(NA)
Nashville, TN MSA	**890**
Cheatham County	23
Davidson County	485
Dickson County	31
Robertson County	38
Rutherford County	95
Sumner County	91
Williamson County	66
Wilson County	60
Nassau-Suffolk, NY PMSA	**2,653**
Nassau County	1,338
Suffolk County	1,315
New Bedford, MA MSA	**168**
Bristol County (pt.)	(NA)
Plymouth County (pt.)	(NA)
New Britain, CT PMSA	**143**
Hartford County (pt.)	143
New Haven-Meriden, CT MSA	**506**
Middlesex County (pt.)	(NA)
New Haven County (pt.)	(NA)
New London-Norwich, CT-RI MSA	**257**
New London County, CT (pt.)	(NA)
Windham County, CT (pt.)	(NA)
Washington County, RI (pt.)	26
New Orleans, LA MSA	**1,319**
Jefferson Parish	475
Orleans Parish	559
St. Bernard Parish	67
St. Charles Parish	42
St. John The Baptist Parish	40
St. Tammany Parish	136
New York, NY PMSA	**8,377**
Bronx County	1,173
Kings County	2,254
New York County	1,456
Putnam County	81
Queens County	1,911
Richmond County	371
Rockland County	264
Westchester County	867
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	**17,807**
Bergen-Passaic, NJ PMSA	1,300
Bridgeport-Milford, CT PMSA	441
Danbury, CT PMSA	180
Jersey City, NJ PMSA	560
Middlesex-Somerset-Hunterdon, NJ PMSA	922
Monmouth-Ocean, NJ PMSA	901
Nassau-Suffolk, NY PMSA	2,653
New York, NY PMSA	8,377
Newark, NJ PMSA	1,875
Norwalk, CT PMSA	128
Orange County, NY PMSA	274
Stamford, CT PMSA	197
Newark, NJ PMSA	**1,875**
Essex County	832
Morris County	418
Sussex County	120
Union County	505
Niagara Falls, NY PMSA	**219**
Niagara County	219
Norfolk-Virginia Beach-Newport News, VA MSA	**1,261**
Gloucester County	25
James City County	25
York County	39
Chesapeake city	126
Hampton city	126
Newport News city	155
Norfolk city	280
Poquoson city	10
Portsmouth city	108
Suffolk city	49
Virginia Beach city	309
Williamsburg city	11
Norwalk, CT PMSA	**128**
Fairfield County (pt.)	128
Oakland, CA PMSA	**1,871**
Alameda County	1,173
Contra Costa County	698
Ocala, FL MSA	**156**
Marion County	156
Odessa, TX MSA	**144**
Ector County	144
Oklahoma City, OK MSA	**963**
Canadian County	69
Cleveland County	155
Logan County	30
McClain County	24
Oklahoma County	622
Pottawatomie County	61
Olympia, WA MSA	**138**
Thurston County	138
Omaha, NE-IA MSA	**607**
Pottawattamie County, IA	88
Douglas County, NE	410
Sarpy County, NE	94
Washington County, NE	15
Orange County, NY PMSA	**274**
Orange County	274
Orlando, FL MSA	**824**
Orange County	533
Osceola County	70
Seminole County	222
Owensboro, KY MSA	**88**
Daviess County	88
Oxnard-Ventura, CA PMSA	**585**
Ventura County	585
Panama City, FL MSA	**109**
Bay County	109
Parkersburg-Marietta, WV-OH MSA	**158**
Washington County, OH	65
Wood County, WV	93
Pascagoula, MS MSA	**124**
Jackson County	124
Pawtucket-Woonsocket-Attleboro, RI-MA PMSA	**312**
Bristol County, MA (pt.)	(NA)
Norfolk County, MA (pt.)	(NA)
Worcester County, MA (pt.)	(NA)
Providence County, RI (pt.)	221
Pensacola, FL MSA	**319**
Escambia County	255
Santa Rosa County	63
Peoria, IL MSA	**356**
Peoria County	193
Tazewell County	130
Woodford County	33
Philadelphia, PA-NJ PMSA	**4,768**
Burlington County, NJ	379
Camden County, NJ	482
Gloucester County, NJ	207
Bucks County, PA	509
Chester County, PA	335
Delaware County, PA	551
Montgomery County, PA	659
Philadelphia County, PA	1,647
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	**5,755**
Philadelphia, PA-NJ PMSA	4,768
Trenton, NJ PMSA	314
Vineland-Millville-Bridgeton, NJ PMSA	133
Wilmington, DE-NJ-MD PMSA	540
Phoenix, AZ MSA	**1,715**
Maricopa County	1,715
Pine Bluff, AR MSA	**91**
Jefferson County	91
Pittsburgh, PA PMSA	**2,173**
Allegheny County	1,410
Fayette County	159
Washington County	217
Westmoreland County	387
Pittsburgh-Beaver Valley, PA CMSA	**2,372**
Beaver County, PA PMSA	199
Pittsburgh, PA PMSA	2,173
Pittsfield, MA MSA	**82**
Berkshire County (pt.)	82
Portland, ME MSA	**201**
Cumberland County (pt.)	(NA)
York County (pt.)	(NA)
Portland, OR PMSA	**1,137**
Clackamas County	253
Multnomah County	562
Washington County	264
Yamhill County	58
Portland-Vancouver, OR-WA CMSA	**1,341**
Portland, OR PMSA	1,137
Vancouver, WA PMSA	204
Portsmouth-Dover-Rochester, NH-ME MSA	**207**
York County, ME (pt.)	47
Rockingham County, NH (pt.)	(NA)
Stafford County, NH (pt.)	(NA)

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	1984 Population (1,000)
Poughkeepsie, NY MSA	**253**
Dutchess County	253
Providence, RI PMSA	**626**
Bristol County	47
Kent County (pt.)	(NA)
Newport County (pt.)	(NA)
Providence County (pt.)	(NA)
Washington County (pt.)	(NA)
Providence-Pawtucket-Fall River, RI-MA CMSA	**1,095**
Fall River, MA-RI PMSA	157
Pawtucket-Woonsocket-Attleboro, RI-MA PMSA	312
Providence, RI PMSA	626
Provo-Orem, UT MSA	**241**
Utah County	241
Pueblo, CO MSA	**125**
Pueblo County	125
Racine, WI PMSA	**174**
Racine County	174
Raleigh-Durham, NC MSA	**609**
Durham County	159
Franklin County	32
Orange County	81
Wake County	337
Reading, PA MSA	**317**
Berks County	317
Redding, CA MSA	**126**
Shasta County	126
Reno, NV MSA	**212**
Washoe County	212
Richland-Kennewick-Pasco, WA MSA	**149**
Benton County	113
Franklin County	37
Richmond-Petersburg, VA MSA	**796**
Charles City County	7
Chesterfield County	160
Dinwiddie County	21
Goochland County	12
Hanover County	52
Henrico County	192
New Kent County	10
Powhatan County	14
Prince George County	26
Colonial Heights city	17
Hopewell city	24
Petersburg city	41
Richmond city	219
Riverside-San Bernardino, CA PMSA	**1,811**
Riverside County	777
San Bernardino County	1,034
Roanoke, VA MSA	**223**
Botetourt County	24
Roanoke County	74
Roanoke city	101
Salem city	24
Rochester, MN MSA	**96**
Olmsted County	96
Rochester, NY MSA	**989**
Livingston County	59
Monroe County	711
Ontario County	92
Orleans County	39
Wayne County	88
Rockford, IL MSA	**279**
Boone County	29
Winnebago County	250
Sacramento, CA MSA	**1,220**
El Dorado County	99
Placer County	133
Sacramento County	867
Yolo County	121
Saginaw-Bay City-Midland, MI MSA	**412**
Bay County	117
Midland County	76
Saginaw County	219
St. Cloud, MN MSA	**171**
Benton County	26
Sherburne County	33
Stearns County	112
St. Joseph, MO MSA	**86**
Buchanan County	86
St. Louis, MO-IL MSA	**2,398**
Franklin County, MO	74
Jefferson County, MO	156
St. Charles County, MO	162
St. Louis County, MO	987
St. Louis city, MO	429
Clinton County, IL	33
Jersey County, IL	20
Madison County, IL	248
Monroe County, IL	21
St. Clair County, IL	268
Salem, OR MSA	**255**
Marion County	210
Polk County	45
Salem-Gloucester, MA PMSA	**259**
Essex County (pt)	259
Salinas-Seaside-Monterey, CA MSA	**319**
Monterey County	319
Salt Lake City-Ogden, UT MSA	**1,025**
Davis County	169
Salt Lake County	697
Weber County	159
San Angelo, TX MSA	**96**
Tom Green County	96
San Antonio, TX MSA	**1,189**
Bexar County	1,092
Comal County	43
Guadalupe County	53
San Diego, CA MSA	**2,064**
San Diego County	2,064
San Francisco, CA PMSA	**1,542**
Marin County	224
San Francisco County	713
San Mateo County	605
San Francisco-Oakland-San Jose, CA CMSA	**5,685**
Oakland, CA PMSA	1,871
San Francisco, CA PMSA	1,542
San Jose, CA PMSA	1,372
Santa Cruz, CA PMSA	206
Santa Rosa-Petaluma, CA PMSA	326
Vallejo-Fairfield-Napa, CA PMSA	368
San Jose, CA PMSA	**1,372**
Santa Clara County	1,372
Santa Barbara-Santa Maria-Lompoc, CA MSA	**323**
Santa Barbara County	323
Santa Cruz, CA PMSA	**206**
Santa Cruz County	206
Santa Fe, NM MSA	**100**
Los Alamos County	19
Santa Fe County	81
Santa Rosa-Petaluma, CA PMSA	**326**
Sonoma County	326
Sarasota, FL MSA	**238**
Sarasota County	238
Savannah, GA MSA	**233**
Chatham County	212
Effingham County	21
Scranton-Wilkes-Barre, PA MSA	**727**
Columbia County	62
Lackawanna County	224
Luzerne County	336
Monroe County	77
Wyoming County	27
Seattle, WA PMSA	**1,692**
King County	1,324
Snohomish County	368
Seattle-Tacoma, WA CMSA	**2,208**
Seattle, WA PMSA	1,692
Tacoma, WA PMSA	516
Sharon, PA MSA	**127**
Mercer County	127
Sheboygan, WI MSA	**102**
Sheboygan County	102
Sherman-Denison, TX MSA	**95**
Grayson County	95
Shreveport, LA MSA	**361**
Bossier Parish	89
Caddo Parish	272
Sioux City, IA-NE MSA	**118**
Woodbury County, IA	101
Dakota County, NE	17
Sioux Falls, SD MSA	**118**
Minnehaha County	118
South Bend-Mishawaka, IN MSA	**240**
St. Joseph County	240
Spokane, WA MSA	**353**
Spokane County	353
Springfield, IL MSA	**190**
Menard County	12
Sangamon County	178
Springfield, MA MSA	**516**
Hampden County (pt)	(NA)
Hampshire County (pt)	(NA)
Springfield, MO MSA	**217**
Christian County	24
Greene County	193
Stamford, CT PMSA	**197**
Fairfield County (pt)	197
State College, PA MSA	**114**
Centre County	114
Steubenville-Weirton, OH-WV MSA	**158**
Jefferson County, OH	88
Brooke County, WV	30
Hancock County, WV	40
Stockton, CA MSA	**399**
San Joaquin County	399
Syracuse, NY MSA	**650**

See footnote on page 876.

[See headnote, p. 870]

	1984 Population (1,000)
Madison County	67
Onondaga County	464
Oswego County	119
Tacoma, WA PMSA	**516**
Pierce County	516
Tallahassee, FL MSA	**208**
Gadsden County	43
Leon County	164
Tampa-St. Petersburg-Clearwater, FL MSA	**1,811**
Hernando County	69
Hillsborough County	724
Pasco County	225
Pinellas County	793
Terre Haute, IN MSA	**134**
Clay County	24
Vigo County	110
Texarkana, TX-Texarkana, AR MSA	**118**
Miller County, AR	39
Bowie County, TX	79
Toledo, OH MSA	**611**
Fulton County	38
Lucas County	464
Wood County	108
Topeka, KS MSA	**159**
Shawnee County	159
Trenton, NJ PMSA	**314**
Mercer County	314
Tucson, AZ MSA	**595**
Pima County	595
Tulsa, OK MSA	**726**
Creek County	70
Osage County	42
Rogers County	54
Tulsa County	510
Wagoner County	50
Tuscaloosa, AL MSA	**139**
Tuscaloosa County	139
Tyler, TX MSA	**145**
Smith County	145
Utica-Rome, NY MSA	**321**
Herkimer County	68
Oneida County	254
Vallejo-Fairfield-Napa, CA PMSA	**368**
Napa County	102
Solano County	266
Vancouver, WA PMSA	**204**
Clark County	204
Victoria, TX MSA	**74**
Victoria County	74
Vineland-Millville-Bridgeton, NJ PMSA	**133**
Cumberland County	133
Visalia-Tulare-Porterville, CA MSA	**272**
Tulare County	272
Waco, TX MSA	**182**
McLennan County	182
Washington, DC-MD-VA MSA	**3,429**
Washington, DC	623
Calvert County, MD	39
Charles County, MD	82
Frederick County, MD	124
Montgomery County, MD	624
Prince Georges County, MD	676
Arlington County, VA	154
Fairfax County, VA	673
Loudoun County, VA	63
Prince William County, VA	164
Stafford County, VA	47
Alexandria city, VA	107
Fairfax city, VA	20
Falls Church city, VA	10
Manassas city, VA	17
Manassas Park city, VA	6
Waterbury, CT MSA	**208**
Litchfield County (pt.)	(NA)
New Haven County (pt.)	(NA)
Waterloo-Cedar Falls, IA MSA	**162**
Black Hawk County	137
Bremer County	25
Wausau, WI MSA	**113**
Marathon County	113
West Palm Beach-Boca Raton-Delray Beach, FL MSA	**692**
Palm Beach County	692
Wheeling, WV-OH MSA	**183**
Belmont County, OH	82
Marshall County, WV	41
Ohio County, WV	61
Wichita, KS MSA	**429**
Butler County	47
Sedgwick County	382
Wichita Falls, TX MSA	**126**
Wichita County	126
Williamsport, PA MSA	**117**
Lycoming County	117
Wilmington, DE-NJ-MD PMSA	**540**
New Castle County, DE	408
Cecil County, MD	66
Salem County, NJ	66
Wilmington, NC MSA	**110**
New Hanover County	110
Worcester, MA MSA	**405**
Worcester County (pt.)	405
Yakima, WA MSA	**179**
Yakima County	179
York, PA MSA	**391**
Adams County	69
York County	322
Youngstown-Warren, OH MSA	**518**
Mahoning County	281
Trumbull County	237
Yuba City, CA MSA	**110**
Sutter County	57
Yuba County	53

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 976.

Appendix III

Statistical Methodology and Reliability

Introduction.—The data presented in this *Statistical Abstract* came from many sources. The sources include not only Federal statistical bureaus and other organizations that collect and issue statistics as their principal activity, but also governmental administrative and regulatory agencies, private research bodies, trade associations, insurance companies, health associations, and private organizations such as the American Red Cross and philanthropic foundations. Consequently, the data vary considerably as to reference periods, definitions of terms and, for ongoing series, the number and frequency of time periods for which data are available.

The statistics presented were obtained and tabulated by various means. Some statistics are based on complete enumerations or censuses while others are based on samples. Some information is extracted from records kept for administrative or regulatory purposes (school enrollment, hospital records, securities registration, financial accounts, social security records, income tax returns, etc.), while other information is obtained explicitly for statistical purposes through interviews or by mail. The estimation procedures used vary from highly sophisticated scientific techniques, to crude "informed guesses."

Each set of data relates to a group of individuals or units of interest referred to as the *target universe* or *target population*, or simply as the *universe* or *population*. Prior to data collection the target universe should be clearly defined. For example, if data are to be collected for the universe of households in the United States, it is necessary to define a "household." The target universe may not be completely tractable. Cost and other considerations may restrict data collection to a *survey universe* of households on some available list, such list being inaccurate, out of date, defining "household" slightly differently, etc. This list is called a *survey frame* or *sampling frame*.

The data in many tables are based on data obtained for all population units, *a census*, or on data obtained for only a portion, or *sample*, of the population units. When the data presented are based on a sample, the sample is usually a scientifically selected *probability sample*. This is a sample selected from a list or sampling frame in such a way that every possible sample has a known chance of selection and usually each unit selected can be assigned a number, between zero and one, representing its likelihood or probability of selection.

For large-scale sample surveys, the probability sample of units is often selected as a multistage sample. The first stage of a multistage sample is the selection of a probability sample of large groups of population members, referred to as primary sampling units (PSU's). For example, in a national multistage household sample, PSU's are often counties or groups of counties. The second stage of a multistage sample is the selection, within each PSU selected at the first stage, of smaller groups of population units, referred to as secondary sampling units.In subsequent stages of selection, smaller and smaller nested groups are chosen until the ultimate sample of population units is obtained. To qualify a multistage sample as a probability sample, all stages of sampling must be carried out using probability sampling methods.

Prior to selection at each stage of a multistage (or a single-stage) sample, a list of the sampling units or sampling frame for that stage must be obtained. For example, for the first stage of selection of a national household sample, a list of the counties and county groups that form the PSU's must be obtained. For the final stage of selection, lists of households, and sometimes persons within the households, have to be compiled in the field. If a single-stage sample of the Nation's hospitals is to be selected, a list of hospitals must be obtained to use as the sampling frame. Unfortunately, it is virtually impossible to obtain a complete, up-to-date frame for a hospital survey. This is a problem incurred for most surveys of institutions and for many other types of surveys as well.

Wherever the quantities in a table refer to an entire universe, but are constructed from data collected in a sample survey, the table quantities are referred to as *sample estimates*. In constructing a sample estimate, an attempt is made to come as close as is feasible to the corresponding universe quantity that would be obtained from a complete census of the universe. Estimates based on a sample will, however, generally differ from the hypothetical census figures. Two classifications of errors are associated with estimates based on sample surveys: (1) *sampling error*—the error arising from the use of a sample, rather than a census, to estimate population quantities and (2) *nonsampling error*—those errors arising from nonsampling sources. As discussed below, the magnitude of the sampling error for an estimate can usually be estimated from the sample data. However, the magnitude of the nonsampling error for an estimate can rarely be estimated. Consequently, actual error in an estimate exceeds the estimated error in the estimate.

The particular sample used in a survey is only one of a large number of possible samples of the same size which could have been selected using the same sampling procedure. Estimates derived from the different samples would, in general, differ from each other. The *standard error* (SE) is a measure of the variation among the estimates derived from all possible samples. The standard error is the most commonly used measure of the sampling error of an estimate. Valid estimates of the standard errors of survey estimates can usually be calculated from the data collected in a probability sample. For convenience, the standard error is sometimes expressed as a percent of the estimate and is called the relative standard error or *coefficient of variation* (CV). For example, an estimate of 200 units with an estimated standard error of 10 units has an estimated CV of 5 percent.

A sample estimate and an estimate of its standard error or CV can be used to construct interval estimates that have a prescribed confidence that the interval includes the average of the estimates derived from all possible samples with a known probability. To illustrate, if all possible samples were selected under essentially the same general conditions, and using the same sample design, and if an estimate and its estimated standard error were calculated from each sample, then:

1. Approximately 68% of the intervals from one standard error below the estimate to one standard error above the estimate would include the average estimate derived from all possible samples.
2. Approximately 90% of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average estimate derived from all possible samples.
3. Approximately 95% of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average estimate derived from all possible samples.

Thus, for a particular sample, one can say with the appropriate level of confidence (e.g., 90% or 95%) that the average of all possible samples is included in the constructed interval. Example of a confidence interval: An estimate is 200 units with a standard error of 10 units. An approximately 90 % confidence interval (plus or minus 1.6 standard errors) is from 184 to 216.

All surveys and censuses are subject to nonsampling errors. Nonsampling errors are two kinds—*random* and *nonrandom*. Random nonsampling errors arise because of the varying interpretation of questions (by respondents or interviewers) and varying actions of coders, keyers, and other processors. Some randomness is also introduced when respondents must estimate values. These same errors usually have a nonrandom component. Nonrandom nonsampling errors result from total nonresponse (no usable data obtained for a sampled unit), partial or item nonresponse (only a portion of a response may be usable), inability or unwillingness on the part of respondents to provide correct information, difficulty interpreting questions, mistakes in recording or keying data, errors of collection or processing, and coverage problems (overcoverage and undercoverage of the target universe). Random nonresponse errors usually, but not always, result in an understatement of sampling errors and thus an overstatement of the precision of survey estimates. Estimating the magnitude of nonsampling errors would require special experiments or access to independent data and, consequently, the magnitudes are seldom available.

Nearly all types of nonsampling errors that affect surveys also occur in complete censuses. Since surveys can be conducted on a smaller scale than censuses, nonsampling errors can presumably be controlled more tightly. Relatively more funds and effort can perhaps be expended toward eliciting responses, detecting and correcting response error, and reducing processing errors. As a result, survey results can sometimes be more accurate than census results.

To compensate for suspected nonrandom errors, adjustments of the sample estimates are often made. For example, adjustments are frequently made for nonresponse, both total and partial. Adjustments made for either type of nonresponse are often referred to as *imputations*. Imputation for total nonresponse is usually made by substituting for the questionnaire responses of the nonrespondents the "average" questionnaire responses of the respondents. These imputations are usually made separately within various groups of sample members, formed by attempting to place respondents and nonrespondents together that have "similar" survey characteristics. Imputation for item nonresponse is usually made by substituting for a missing item the response to that item of a respondent having characteristics that are "similar" to those of the nonrespondent.

For an estimate calculated from a sample survey, the *total error* in the estimate is composed of the sampling error, which can usually be estimated from the sample, and the nonsampling error, which usually cannot be estimated from the sample. The total error present in a population quantity obtained from a complete census is composed of only nonsampling errors. Ideally, estimates of the total error associated with data given in the *Statistical Abstract* tables should be given. However, due to the unavailability of estimates of nonsampling errors, only estimates of the levels of sampling errors, in terms of estimated standard errors or coefficients of variation, are available. To

obtain estimates of the estimated standard errors from the sample of interest, obtain a copy of the referenced report which appears at the end of each table.

Principal data bases.—Beginning on page 877 are brief descriptions of 43 of the sample surveys and censuses that provide a substantial portion of the data contained in this *Abstract.*

SECTION 1. POPULATION

Source and Title: Bureau of the Census, *Census of Population*
Tables: See tables citing *Census of Population* in section 1 and also in sections 2, 3, 5, 7, 9, 14, 15, 22, 28, and 32.
Universe, Frequency, and Types of Data: Complete count of U.S. population conducted every 10 years since 1790. Data obtained on number and characteristics of inhabitants.
Type of Data Collection Operation: In 1970 and 1980, complete census for some items—age, sex, race, marital status and relationship to household head. In 1970, other items collected from a 5% and a 15% probability (systematic) sample of the population. In 1980, approximately 19% of the housing units were included in the sample.
Data Collection and Imputation Procedures: In 1970, extensive use of mail questionnaires in urban areas; personal interviews in most rural areas. In 1980, mail questionnaires were used in even more areas than in 1970, with personal interviews in the remainder. Extensive telephone and personal followup for nonrespondents was done in both censuses. Imputations were made for missing characteristics.
Estimates of Sampling Error: Sampling errors for data are estimated for all items collected by sample and vary by characteristic and geographic area.
Other (nonsampling) Errors: Evaluation programs are currently being conducted to provide information on the magnitude of some sources of nonsampling errors such as response bias and undercoverage in the 1980 census.
Sources of Additional Material: U.S. Bureau of the Census, *Estimates of Coverage of the Population by Sex, Race, and Age: Demographic Analysis,* PHC(E)-4; *Census of Population: 1970* PC(1)C, Appendix C; and *1980 Census of Population,* vol. 1, (PC80-1), Appendixes B, C, and D.

Source and Title: U.S. Bureau of the Census, *Current Population Survey (CPS)*
Tables: See tables citing *Current Population Reports* primarily in section 1, but also in sections 2, 4, 5, 9, 13, 14, 15, 24, and 32. Many Bureau of Labor Statistics' (BLS) tables in section 14 are CPS based.
Universe, Frequency, and Types of Data: Nationwide monthly sample survey of civilian noninstitutional population, 14 years old or over, to obtain data on employment, unemployment, and a number of other characteristics.
Type of Data Collection Operation: Multistage probability sample of about 71,000 households in 729 PSU's in 1984. Over- sampling in some States and the largest SMSA's to improve reliability for those areas of employment data on annual average basis. A continual sample rotation system is used. Households are in sample 4 months, out for 8 months, and in for 4 more. Month-to-month overlap is 75%; year-to-year overlap is 50%.
Data Collection and Imputation Procedures: For first and fifth months that a household is in sample, personal interviews; other months, approximately, 85% of the data collected by phone. Imputation is done for both item and total nonresponse. Adjustment for total nonresponse is done by a predefined cluster of units, by race and residence; for item nonresponse imputation varies by subject matter.
Estimates of Sampling Error: Estimated CV's on annual averages for labor force, total employment, and nonagricultural employment, 2%; for total unemployment and agricultural employment, 1.0% to 2.5%.
Other (nonsampling) Errors: Estimates of response bias on unemployment are not available, but estimates of unemployment are usually 5% to 9% lower than estimates from reinterviews. Four to 5.0% of sample households unavailable for interviews.
Sources of Additional Material: U.S. Bureau of the Census and Bureau of Labor Statistics, *Concepts and Methods Used in Labor Force Statistics from Current Population Survey* (Census series P-23, No. 62; BLS report No. 463) and Bureau of the Census, *Current Population Survey* (Tech. Paper 40).

SECTION 2. VITAL STATISTICS

Source and Title: U.S. National Center for Health Statistics (NCHS), *Vital Registration System*
Tables: See tables citing *Vital Statistics of the United States,* 287 and 288 in section 6; 1047 in section 22; and 1445 in section 32.
Universe, Frequency, and Types of Data: Annual data on births and deaths in the United States.
Type of Data Collection Operation: Mortality data based on complete file of death records, except 1972, based on 50% sample. Natality statistics 1951-1971, based on 50% sample of birth certificates, except a 20% to 50% in 1967, received by NCHS. Beginning 1972, data from some

States received through Vital Statistics Cooperative Program and complete file used; data from other States based on 50% sample.
Data Collection and Imputation Procedures: Reports based on records from registration offices of all States, District of Columbia, New York City, Puerto Rico, Virgin Islands, and Guam.
Estimates of Sampling Error: For recent years, CV's for births are small due to large portion of total file in sample (except for very small estimated totals).
Other (nonsampling) Errors: Data on births and deaths believed to be at least 99% complete.
Sources of Additional Material: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* vol. I and vol. II, annual, and *Monthly Vital Statistics Report.*

Source and Title: U.S. National Center for Health Statistics, *National Survey of Family Growth*
Tables: See tables 89, 96, 99-102 and, in section 1, table 50.
Universe, Frequency, and Types of Data: Periodic survey of women aged 15-44 living in the conterminous United States, excluding women in institutions, to collect data on American women's fertility, family planning, and related aspects of maternal and child health.
Type of Data Collection Operation: Multistage area probability sample. Interviews were conducted with 7,969 women. Black women and women aged 15-19 were sampled at higher rates.
Data Collection and Imputation Procedures: Personal interviews were conducted by trained female interviewers. The data have been adjusted for nonsampling error due to nonresponse by adjusting the sample weights assigned to each case. Missing values for selected variables were imputed.
Estimates of Sampling Error: Estimates of sampling error are provided in the report cited below.
Other (nonsampling) Errors: A series of stringent quality control measures were used. These included independent editing of completed questionnaires, verification of coding, short "recheck" interviews with a subsample of respondents, an independent recoding of a sample of questionnaires by NCHS, keypunch verification, and extensive computer editing and "cleaning" by both the contractor and NCHS to check for inconsistent or impossible codes.
Sources of Additional Material: U.S. National Center for Health Statistics, "The National Survey of Family Growth, Cycle III: Sample Design, Estimation Procedures, and Variance Estimation," by W. Mosher, C. Bachrach, and M. Horn, in *Vital and Health Statistics,* series 2, No. 98, September 1985.

SECTION 3. IMMIGRATION AND NATURALIZATION
(See section 1 above for information pertaining to table131.)

SECTION 4. HEALTH AND NUTRITION

Source and Title: U.S. National Center for Health Statistics, *National Health Interview Survey (NHIS)*
Tables: 166, 167, 182, 183, 186-190, 195, and in section 5, table 220.
Universe, Frequency, and Types of Data: Continuous data collection covering the civilian noninstitutional population to obtain information on personal and demographic characteristics, illnesses, injuries, impairments, and other health topics.
Type of Data Collection Operation: Multistage probability sample of 42,000 households (in 376 PSU's) selected in groups of about four adjacent households.
Data Collection and Imputation Procedures: Personal household interviews with extensive followup of nonrespondents. Data are adjusted for nonresponse by imputation procedure based on "average" characteristics of persons in interviewed households in the same geographic area.
Estimates of Sampling Error: Estimated CV's: For physician visits by males, 1.5%; for workdays lost by males, 3.5%; for persons injured at home, 4.7%.
Other (nonsampling) Errors: Response rate was 97% in 1982.
Sources of Additional Material: U.S. National Center for Health Statistics, "Current Estimates from the National Health Interview Survey, U.S., 1982," Vital and Health Statistics, series 10.

Source and Title: U.S. National Center for Health Statistics, *National Master Facility Inventory (NMFI)*
Tables: 169, 178, and 179.
Universe, Frequency, and Types of Data: Periodic surveys of nursing and related care homes with 3 or more beds and other inpatient health facilities to update file. Information is obtained on names, locations, and types of facilities, and number of beds and residents or patients.
Type of Data Collection Operation: Complete census of eligible institutions. Comprehensive file is periodically updated to include names and addresses of newly established inpatient facilities obtained from State licensing agencies.
Data Collection and Imputation Procedures: Mail questionnaires to facilities. Missing questionnaire items are imputed by using either previously reported information or by using current data from similar responding facilities.
Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: In 1982, coverage was 96% complete for nursing care and related homes and other custodial or remedial care facilities.
Sources of Additional Material: U.S. National Center for Health Statistics, "Design and Methodology of the 1967 Master Facility Inventory Survey," *Vital and Health Statistics,* series 1—No. 9, PHS Pub. No. 1000, Jan. 1971.

(See section 1 above for information pertaining to tables 91-93, 158, and 161, and section 16 pertaining to table 155.)

SECTION 5. EDUCATION

Source and Title: U.S. National Center for Education Statistics (NCES), *Revenues and Expenditures for Public Elementary and Secondary Education*
Tables: 206, 207, 222, and 233, and in section 32, table 1446.
Universe, Frequency, and Types of Data: Annual survey of State education agencies to obtain data on revenues and expenditures for public elementary and secondary education. Includes the 50 States, District of Columbia, and the outlying areas.
Type of Data Collection Operation: Complete census; however, data are extracted by State education agencies from fiscal reports submitted by local education agencies.
Data Collection and Imputation Procedures: Mail survey is conducted with followup for nonresponse through direct contact with other records.
Estimates of Sampling Error: Not applicable.
Other (nonsampling) Errors: Not applicable.
Sources of Additional Material: U.S. National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education,* annual.

Source and Title: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary School Systems*
Tables: See tables in section 5 which present data from NCES pertaining to State public school systems.
Universe, Frequency, and Types of Data: Annual survey of State education agencies to obtain data on pupils enrolled, staff employed, and number of schools. Includes the 50 States, District of Columbia, and the outlying areas.
Type of Data Collection Operation: Complete census; however, data are extracted by State education agencies from fall reports submitted by local education agencies.
Data Collection and Imputation Procedures: Mail survey. Imputations for missing data are derived based on data reported over previous 5 years.
Estimates of Sampling Error: Not applicable.
Other (nonsampling) Errors: Deviations from State to State, or year to year arise from differences in definitions, and instructions used by State education agencies.
Sources of Additional Material: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary School Systems,* annual.

Source and Title: U.S. National Center for Education Statistics, *Higher Education General Information Survey (HEGIS), Institutional Characteristics of Colleges and Universities*
Tables: 205 and 265.
Universe, Frequency, and Types of Data: Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on characteristics of institutions including control (public or private), type (university, other four-year, and two-year) and student charges.
Type of Data Collection Operation: Complete census.
Data Collection and Imputation Procedures: Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data for an earlier year, adjusted for trends observed in earlier HEGIS surveys, or data of similar institutions.
Estimates of Sampling Error: Not applicable.
Other (nonsampling) Errors: Nearly 100% response rate.
Sources of Additional Material: U.S. National Center for Education Statistics, *Education Directory, Colleges and Universities,* annual.

Source and Title: U.S. National Center for Education Statistics, *Higher Education General Information Survey (HEGIS), Fall Enrollment in Institutions of Higher Education*
Tables: 212, 252, 255, 260, and 262.
Universe, Frequency, and Types of Data: Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on total enrollment by sex, level of enrollment, type of program, racial/ethnic characteristics (in alternate years) and attendance status of student, and on first-time students.
Type of Data Collection Operation: Complete census.

Data Collection and Imputation Procedures: Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data for an earlier year, adjusted for trends observed in earlier HEGIS surveys, or data of similar institutions.
Estimates of Sampling Error: Not applicable.
Other (nonsampling) Errors: Approximately 98% response rate.
Sources of Additional Material: U.S. National Center for Education Statistics, *Fall Enrollment in Higher Education,* annual.

Source and Title: U.S. National Center for Education Statistics, *Higher Education General Information Survey (HEGIS), Financial Statistics of Institutions of Higher Education*
Tables: 206, 207, 252, and 263.
Universe, Frequency, and Types of Data: Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on financial status and operations, including current funds revenues, current funds expenditures, and physical plant assets.
Type of Data Collection Operation: Complete census.
Data Collection and Imputation Procedures: Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data for an earlier year, adjusted for trends observed in earlier HEGIS surveys, or data of similar institutions.
Estimates of Sampling Error: Not applicable.
Other (nonsampling) Errors: For 1979, a 91.7% response rate. Imputed expenditures amounted to about 2.8% of total expenditures.
Sources of Additional Material: U.S. National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education,* annual.

Source and Title: U.S. National Center for Education Statistics, *Higher Education General Information Survey (HEGIS), Degrees and Other Formal Awards Conferred*
Tables: 249 and 272-274.
Universe, Frequency, and Types of Data: Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on earned degrees and other formal awards, conferred by field of study, level of degree, sex, and by racial/ethnic characteristics (in alternate years).
Type of Data Collection Operation: Complete census.
Data Collection and Imputation Procedures: Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data for an earlier year, adjusted for trends observed in earlier HEGIS surveys, or data of similar institutions.
Estimates of Sampling Error: Not applicable.
Other (nonsampling) Errors: Approximately 99% response rate.
Sources of Additional Material: U.S. National Center for Education Statistics, *Earned Degrees Conferred,* annual.

(See sections 1, 10, and 14 for information pertaining to the Bureau of the Census and section 4 above for the National Center for Health Statistics.)

SECTION 6. LAW ENFORCEMENT, COURTS, AND PRISONS

Source and Title: U.S. Federal Bureau of Investigation, *Uniform Crime Reporting (UCR) Program*
Tables: 279-283, 289-294, and 296-299.
Universe, Frequency, and Types of Data: Monthly reports on the number of criminal offenses that become known to law enforcement agencies. Data are collected on crimes cleared by arrest, by age, sex, race, and ethnic origin of offender, and on assaults on law enforcement officers.
Type of Data Collection Operation: Crime statistics are based on reports of crime data submitted either directly to the FBI by contributing law enforcement agencies or through cooperating State UCR programs.
Data Collection and Imputation Procedures: States with UCR programs collect data directly from individual law enforcement agencies and forward reports, prepared in accordance with UCR standards, to FBI. Accuracy and consistency edits are performed by FBI.
Estimates of Sampling Error: Not applicable.
Other (nonsampling) Errors: Coverage of 96% of the population (98% in SMSA's, 94% in "other cities," and 90% in rural areas) by UCR program, though varying number of agencies report. Some error is present through incorrect reporting.
Sources of Additional Material: U.S. Federal Bureau of Investigation, *Crime in the United States.*

Source and Title: U.S. Bureau of Justice Statistics (BJS), *National Crime Survey*
Tables: 284-286.
Universe, Frequency, and Types of Data: Monthly survey of individuals and households in the U.S. to obtain data on criminal victimization of those units for compilation of annual estimates.

Type of Data Collection Operation: National probability sample survey of about 60,000 interviewed households in 376 PSU's selected from a list of addresses from the 1970 census, supplemented by new construction permits and an area sample where permits are not required.
Data Collection and Imputation Procedures: Interviews are conducted every 6 months for 3 years for each household in the sample; 10,000 households are interviewed monthly. Personal interviews are used in the first, third, fifth, and seventh interviews; the intervening interviews are conducted by telephone whenever possible.
Estimates of Sampling Error: CV's in 1983: 12.4% for estimate of rape counts; 4.5% for robbery counts; 2.2% for assault counts; 1.2% for personal larceny counts; 1.9% for burglary counts; 1.6% for household larceny; and 4.3% for motor vehicle theft counts.
Other (nonsampling) Errors: Respondents recall errors which may include reporting incidents for other than the reference period; interviewer coding and processing errors; and possible mistaken reporting or classifying of events. Adjustment is made for a household noninterview rate of about 4% and for a smaller within-household noninterview rate.
Sources of Additional Material: U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States,* annual.

(See section 2 for details on tables 287 and 288 and section 10 for details on tables 302 and 303.)

SECTION 9. ELECTIONS

(See section 1 above for information pertaining to table 434.)

SECTION 10. STATE AND LOCAL GOVERNMENT FINANCES AND EMPLOYMENT

Source and Title: U.S. Bureau of the Census, *Census of Governments*
Tables: See tables in section 10 citing *Census of Governments;* in section 5, table 232; in section 13, table 625; and in section 14, table 714.
Universe, Frequency, and Types of Data: Survey of all governmental units in the U.S. conducted every 5 years to obtain data on government revenue, expenditures, debt, employment and employee retirement systems, property values, public school systems, and number, size, and structure of governments.
Type of Data Collection Operation: Complete census. List of units derived through classification of government units recently authorized in each State and identification, counting, and classification of existing local governments and public school systems.
Data Collection and Imputation Procedures: Data collected through field compilation of financial data from official records and reports for States and large local governments and mail canvass of selected data items, like State tax revenue and employee retirement systems.
Estimates of Sampling Error: Not applicable.
Other (nonsampling) Errors: Some nonsampling errors may arise due to possible inaccuracies in classification, response, and processing.
Sources of Additional Material: U.S. Bureau of the Census, *Census of Governments, 1982,* various reports, and *State Government Finances in 1983,* GF 83, No. 3.

Source and Title: U.S. Bureau of the Census, *Annual Surveys of State and Local Government*
Tables: See tables citing *Public Employment* and *Governmental Finances* in section 10; table 232 in section 5; tables 302 and 303 in section 6; and table 625 in section 13.
Universe, Frequency, and Types of Data: Sample survey conducted annually to obtain data on revenue, expenditure, debt, and employment of State and local governments. Universe is all governmental units in the U.S. (about 82,000).
Type of Data Collection Operation: Sample of about 16,000 units includes all State governments, county governments with 50,000+ population, municipalities and townships in certain States with 25,000+ population, and other governments meeting certain financial criteria; probability sample for remaining units. A supplemental survey provides complete coverage of 39,000 local government units for data on taxes and intergovernmental revenue.
Data Collection and Imputation Procedures: Mail canvass of data from official records and reports for States and large local governments; central collection of local governmental financial data through a number of State governments; mail canvass of other units with mail and telephone followups of nonrespondents. Data for nonresponses are imputed from previous year data.
Estimates of Sampling Error: CV's for estimates of major employment and financial items are generally less than 2% for most States and less than 1% for the majority of States.
Other (nonsampling) Errors: Nonresponse rate is about 15% for number of units. Other possible errors may result from undetected inaccuracies in classification, response, and processing.
Sources of Additional Material: U.S. Bureau of the Census, *Public Employment in 1984,* GE 84, No. 1, *Governmental Finances in 1982-83,* GF 83, No. 5, and *Census of Governments, 1982,* various reports.

SECTION 11. FEDERAL GOVERNMENT

Source and Title: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*
Tables: 511-514 and 516-518.
Universe, Frequency, and Types of Data: Annual study of unaudited individual income tax returns, Forms 1040, 1040A, and 1040EZ, filed by U.S. citizens and residents. Data provided on various financial characteristics by size of adjusted gross income, marital status, State of residence, and by taxable and nontaxable returns.
Type of Data Collection Operation: Stratified probability sample of 88,277 returns for tax year 1982 broken into sample strata based on State groupings and currently designed to show the larger of total income or total loss amounts as well as the size of business plus farm receipts. Sampling rates for sample strata varied from .02% to 100%.
Data Collection and Imputation Procedures: Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.
Estimates of Sampling Error: Estimated CV's for tax year 1982: Number of returns in subgroups, ranged from .8% for returns under $5,000 to .2% for returns over $500,000; and from less than .05% for 17 different States to 2.2% for District of Columbia for adjusted gross income less deficit, .1%; and amount of income tax, .2%.
Other (nonsampling) Errors: Processing errors and errors arising from the use of tolerance checks for the data.
Sources of Additional Material: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns,* annual.

Source and Title: U.S. Internal Revenue Service, *Corporation Income Tax Returns*
Tables: 520 and 521 and in section 18, tables 874-877, and 896.
Universe, Frequency, and Types of Data: Annual study of unaudited corporation income tax returns, Forms 1120 and 1120 (L, M, S, F, or DISC), filed by corporations or businesses legally defined as corporations. Data provided on various financial characteristics by industry and size of total assets, business receipts, taxable income, and income tax.
Type of Data Collection Operation: Stratified probability sample of 85,600 returns in 1979, broken into sample classes generally based on type of return, size of total assets, and size of net income or deficit (except Form 1120 DISC). Sampling rates for sample strata varied from .4% to 100%.
Data Collection and Imputation Procedures: Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.
Estimates of Sampling Error: Estimated CV's for 1979 (1981 not available): Number of returns in subgroups ranged from 1.5% with assets under $100,000, to 0% with assets over $25 mil.; for amount of net income and amount of income tax, .1%.
Other (nonsampling) Errors: Processing errors and errors arising from the use of tolerance checks for the data.
Sources of Additional Material: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns,* annual.

SECTION 13. SOCIAL INSURANCE AND HUMAN SERVICES

Source and Title: U.S. Social Security Administration, *Benefit Data*
Tables: 611-614.
Universe, Frequency, and Types of Data: All persons receiving monthly benefits under Title 11 of Social Security Act. Data on number and amount of benefits paid by type and State.
Type of Data Collection Operation: Data based on administrative records.
Data Collection and Imputation Procedures: Records used consist of actions pursuant to applications for benefits, updated by subsequent postentitlement actions.
Estimates of Sampling Error: Not applicable.
Other (nonsampling) Errors: Processing errors, which are believed to be small.
Sources of Additional Material: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin.*

Source and Title: U.S. Social Security Administration, *Supplemental Security Income (SSI) Program*
Tables: 642-646.
Universe, Frequency, and Types of Data: All eligible aged, blind, or disabled persons receiving SSI benefit payments under SSI program. Data include number of persons receiving federally administered SSI, amounts paid, and State administered supplementation.
Type of Data Collection Operation: Data based on administrative records.

Data Collection and Imputation Procedures: Data adjusted to reflect returned checks and overpayment refunds. For federally administered payments, actual adjusted amounts are used; for State administered, payments are deflated for average rate across all States.
Estimates of Sampling Error: Not applicable.
Other (nonsampling) Errors: Processing errors, which are believed to be small.
Sources of Additional Material: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin.*

(See section 1 above for information pertaining to the Current Population Survey and sections 10 and 14 for information pertaining to Annual Surveys of State and Local Government.)

SECTION 14. LABOR FORCE, EMPLOYMENT, AND EARNINGS

Source and Title: U.S. Bureau of Labor Statistics (BLS), *Current Employment Statistics (CES) Program*
Tables: 692-694, 698, and 700; in section 22, table 1027; and in section 25, table 1202.
Universe, Frequency, and Types of Data: Monthly survey covering about 4 million nonagricultural establishments to obtain data on employment, hours, and earnings, by industry.
Type of Data Collection Operation: Probability sample survey of about 222,000 establishments in March 1984.
Data Collection and Imputation Procedures: Cooperating State agencies mail questionnaires to sample establishments to develop State and local estimates; information is forwarded to BLS where national estimates are prepared.
Estimates of Sampling Error: Estimated CV's in 1984: For average weekly hours paid, .1% and for average hourly earnings, .2%.
Other (nonsampling) Errors: Incorrect responses believed to be somewhat offsetting. Estimates of employment adjusted annually to reflect complete universe. Average adjustment is .2%.
Sources of Additional Material: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly, Explanatory Notes, tables L-Q and *BLS Handbook of Methods,* Bulletin 2134-1 (Dec. 1982).

(See section 1 above for information pertaining to the Current Population Survey.)

SECTION 15. INCOME, EXPENDITURES, AND WEALTH

Source and Title: Board of Governors of the Federal Reserve System, U.S. Department of Health and Human Services, U.S. Federal Deposit Insurance Corporation, U.S. Department of Labor, and U.S. Department of Treasury, *1983 Survey of Consumer Finance*
Tables: 779-781 and, in section 17, tables 844, 847, and 848.
Universe, Frequency, and Types of Data: Periodic survey of all family units to provide information on the distribution of assets and liabilities among families with various characteristics and on the use by consumers of financial services, their reactions to consumer credit regulations, and on consumer pension rights and benefits.
Type of Data Collection Operation: Sample survey of 3,824 family units.
Data Collection and Imputation Procedures: Personal interviews were conducted with imputation of missing values through statistical procedures.
Estimates of Sampling Error: Not available at present.
Other (nonsampling) Errors: Not available at present.
Sources of Additional Material: Not available at present.

(See section 1 above for information pertaining to the Bureau of the Census.)

SECTION 16. PRICES

Source and Title: U.S. Bureau of Labor Statistics (BLS), *Consumer Price Index (CPI)*
Tables: 782, 783, 795-797, 799, 800, 804, 807, 808, and in section 4, table 155.
Universe, Frequency, and Types of Data: Monthly survey of price changes of all types of consumer goods and services purchased by urban wage earners and clerical workers prior to 1978, and urban consumers thereafter. Both indexes continue to be published.
Type of Data Collection Operation: Prior to 1978, sample of various consumer items in 56 urban areas; thereafter, in 85 PSU's.
Data Collection and Imputation Procedures: Prices of 400 items are obtained from about 2,300 food outlets, 18,000 rental units, 18,000 housing units (for property taxes), and 22,300 other reporters in 85 areas. Prices of most goods and services are obtained monthly in the 5 largest areas and every 2 months in others.
Estimates of Sampling Error: Estimates of standard errors are not available at present.
Other (nonsampling) Errors: Errors result from inaccurate reporting, difficulties in defining concepts and their operational implementation, lack of systematic method for incorporating new outlets in the sample, and introduction of product quality changes and new products.

Sources of Additional Material: U.S. Bureau of Labor Statistics, *The Consumer Price Index: Concepts and Content Over the Years*, Report 517, and *BLS Handbook of Methods*, Bulletin 2134-2.

Source and Title: U.S. Bureau of Labor Statistics, *Producer Price Index (PPI)*
Tables: 782-786, and 788-791; in section 25, table 1205; and in section 28, table 1287.
Universe, Frequency, and Types of Data: Monthly survey of producing companies to determine price changes of all commodities produced for sale in commercial transactions in primary markets in the U.S. Data on agriculture, forestry, fishing, manufacturing, mining, gas, electricity, and public utilities.
Type of Data Collection Operation: Nonprobability sample of 2,800 commodities and about 10,000 respondents.
Data Collection and Imputation Procedures: Data are collected by mail. If transaction prices are not supplied, list prices are used. Some prices are obtained from trade publications, organized exchanges, and government agencies. To calculate index, price changes multiplied by their relative weights based on total net selling value of all commodities in 1972.
Estimates of Sampling Error: Not applicable.
Other (nonsampling) Errors: Not available at present.
Sources of Additional Material: U.S. Bureau of Labor Statistics, *BLS Handbook of Methods*, Bulletin 2134-1.

SECTION 17. BANKING, FINANCE, AND INSURANCE
(See section 15 for information pertaining to tables 844, 847, and 848.)

SECTION 18. BUSINESS ENTERPRISE

Source and Title: U.S. Internal Revenue Service, *Statistics of Income, Sole Proprietorship Returns*
Tables: 874-877.
Universe, Frequency, and Types of Data: Annual study of unaudited income tax returns of nonfarm sole proprietorships, Form 1040 with business or farm schedules. Data provided on various financial characteristics by industry, size of business receipts, and adjusted gross income.
Type of Data Collection Operation: Stratified probability sample of 55,000 sole proprietorships in tax year 1981. The sample is broken into sample classes based on type of return and on combinations of adjusted gross income or the largest of specific income or loss items and receipts.
Data Collection and Imputation Procedures: Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.
Estimates of Sampling Error: Estimated CV's for tax year 1981: For sole proprietorships, number of businesses, .1%; business receipts, .9%; and net income, .8%.
Other (nonsampling) Errors: Processing errors and errors arising from the use of tolerance checks for the data.
Sources of Additional Material: U.S. Internal Revenue Service, *Statistics of Income, Sole Proprietorship Returns* and *Statistics of Income Bulletin.*

Source and Title: U.S. Internal Revenue Service, *Partnership Returns*
Tables: 874-877.
Universe, Frequency, and Types of Data: Annual study of unaudited income tax returns of partnerships, Form 1065. Data provided on various financial characteristics by industry and size of business receipts, and total assets (partnerships only).
Type of Data Collection Operation: Stratified probability sample of 40,400 partnership returns filed for tax year 1981. The sample is broken into sample classes based on combinations of gross receipts, total income or loss, and total assets, and on industry. Sampling rates vary from .3% to 100%.
Data Collection and Imputation Procedures: Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.
Estimates of Sampling Error: Estimated upper limit CV's tax year 1981: For number of partnerships, 1.5%.
Other (nonsampling) Errors: Processing errors and errors arising from the use of tolerance checks for the data.
Sources of Additional Material: U.S. Internal Revenue Service, *Statistics of Income, Partnership Returns* and *Statistics of Income Bulletin.*

SECTION 19. COMMUNICATIONS
(See section 29 for information pertaining to table 936.)

SECTION 20. ENERGY

Source and Title: U.S. Energy Information Administration, *Residential Energy Consumption Survey*

Tables: 964 and 965, and tables 1316-1318 in section 28.
Universe, Frequency, and Types of Data: Annual survey of households and fuel suppliers. Data are obtained on energy- related household characteristics, housing unit characteristics, use of fuels, and energy consumption and expenditures by fuel type.
Type of Data Collection Operation: Probability sample of 5,272 eligible units in 131 PSU's. For responding units, fuel consumption and expenditure data obtained from fuel suppliers to those households.
Data Collection and Imputation Procedures: Personal interviews. Extensive followup of nonrespondents including mail questionnaires for some households. Adjustments for nonrespondents were made in weighting for respondents. Item nonresponse resulted in imputation or placement in "don't know" response.
Estimates of Sampling Error: Estimated CV's for household averages: For consumption or expenditures, 1.5%; for various fuels, values ranged from 2.0% for electricity to 4.5% for LPG.
Other (nonsampling) Errors: Household response rate of 89.6%. Non-consumption data were mostly imputed for mail respondents (4.7% of eligible units). Complete responses from fuel suppliers for various fuels ranged from 80.8% for electricity to 46.7% for fuel oil and kerosene.
Sources of Additional Material: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures, April 1982 through March 1983.*

SECTION 22. TRANSPORTATION—LAND

(See section 2 for information pertaining to table 1047; and section 16 for table 1076.)

SECTION 23. TRANSPORTATION—AIR AND WATER

Source and Title: U.S. Bureau of the Census, *Foreign Trade—Export Statistics*
Tables: See Bureau of the Census citations for export statistics in source notes in sections 23 and 31 and also tables 1231, 1232, 1245, and 1457.
Universe, Frequency, and Types of Data: The export declarations collected by Customs are processed each month to obtain data on the movement of U.S. merchandise exports to foreign countries. Data obtained include value, quantity, and shipping weight of exports by commodity, country of destination, Customs district of exportation, and mode of transportation.
Type of Data Collection Operation: Shipper's Export Declarations are required to be filed for the exportation of merchandise valued over $500. Customs officials collect and transmit the documents to the Bureau of the Census on a flow basis for data compilation. Probability sampling is used in the compilation process for low-value shipments, i.e., shipments to Canada valued $501-$1,999 which account for less than 1% of total exports.
Data Collection and Imputation Procedures: Statistical copies of Shipper's Export Declarations are received on a daily basis from Customs ports throughout the country and subjected to a monthly processing cycle. They are fully processed to the extent they reflect items valued $500 and over, and in the case of exports to Canada, $2,000 and over. Estimates for shipments valued at $500 or less are made, based on established percentages of individual country totals.
Estimates of Sampling Error: Estimated CV's for total value of exports are about .1% and, for major commodity groupings, about 1%. CV's less than 1% for total value over $10 million; less than 2% for totals between $3 million and $10 million; and 6% for totals between $500,000 and $3 million.
Other (nonsampling) Errors: Clerical and complex computer checks intercept most processing errors and minimize otherwise significant reporting errors; other nonsampling errors are caused by undercounting of exports to Canada due to the nonreceipt of some Shipper's Export Declarations.
Sources of Additional Material: U.S. Bureau of the Census, *U.S. Exports, Schedule E, Commodity by Country,* FT 410.

Source and Title: U.S. Bureau of the Census, *Foreign Trade—Import Statistics*
Tables: See Bureau of the Census citations for import statistics in source notes in sections 23 and 31 and also tables 1231, 1232, 1245, and 1457.
Universe, Frequency, and Types of Data: The import entry documents collected by Customs are processed each month to obtain data on the movement of merchandise imported into the United States. Data obtained include value, quantity, and shipping weight by commodity, country of origin, Customs district of entry, and mode of transportation.
Type of Data Collection Operation: Import entry documents are required to be filed for the importation of goods into the United States. Customs officials collect and transmit statistical copies of the documents to the Bureau of the Census on a flow basis for data compilation. Estimates for shipments valued at $250 or less are based on established percentages of individual country totals.
Data Collection and Imputation Procedures: Statistical copies of import entry documents, received on a daily basis from Customs ports of entry throughout the country, are subjected to a

monthly processing cycle. They are fully processed to the extent they reflect items valued at $251 and over.

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Verification of statistical data reporting by Customs officials prior to transmittal and a subsequent program of clerical and computer checks are utilized to hold nonsampling errors arising from reporting and/or processing errors to a minimum.

Sources of Additional Material: U.S. Bureau of the Census, *U.S. General Imports, Schedule A, Commodity by Country*, FT 135.

SECTION 24. AGRICULTURE

Source and Title: U.S. Department of Agriculture, Statistical Reporting Service (SRS), *Basic Area Frame Sample*

Tables: See tables citing SRS in source notes in section 24, which pertain to this or the following two surveys.

Universe, Frequency, and Types of Data: Three annual sample surveys of U.S. farm operators: June survey collects data on planted acreage and livestock inventories; December survey collects data on livestock inventories and fall-seeded crop acreage and a February expenditure survey that collects data on total production costs.

Type of Data Collection Operation: Stratified probability sample of about 16,000 land area units of about 1 sq. mile (range from .1 sq. mile in cities to several sq. miles in open grazing areas). Sample includes 60,000 parcels of agricultural land. About 20% of the sample replaced annually.

Data Collection and Imputation Procedures: Data collection is by personal enumeration. Imputation is based on enumerator observation or data reported by respondents having similar agricultural characteristics.

Estimates of Sampling Error: Estimated CV's range from 1-2% for regional estimates to 3-6% for State estimates of livestock inventories.

Other (nonsampling) Errors: Minimized through rigid quality controls on the collection process and careful review of all reported data.

Sources of Additional Material: U.S. Department of Agriculture, SRS, *Scope and Methods of the Statistical Reporting Service*, Miscellaneous Publication No. 1308, July 1975.

Source and Title: U.S. Department of Agriculture, Statistical Reporting Service (SRS), *Multiple Frame Surveys*

Tables: See tables citing SRS in source notes in section 24, which pertain to this or the following survey.

Universe, Frequency, and Types of Data: Surveys of U.S. farm operators to obtain data on major livestock inventories, selected crop acreages and production, grain stocks, and farm labor characteristics; and to obtain farm economic data for price indexing.

Type of Data Collection Operation: Primary frame is obtained from general or special purpose lists, supplemented by a probability sample of land areas used to estimate for list incompleteness.

Data Collection and Imputation Procedures: Mail or personal interviews used for initial data collection. Mail nonrespondent followup by phone and personal interviews. Imputation based on average of respondents.

Estimates of Sampling Error: Estimated CV for number of hired farm workers is about 3%. Estimated CV's range from 1-2% for regional estimates to 3-6% for State estimates of livestock inventories.

Other (nonsampling) Errors: In addition to above, replicated sampling procedures used to monitor effects of changes in survey procedures.

Sources of Additional Material: U.S. Department of Agriculture, SRS, *Scope and Methods of the Statistical Reporting Service*, Miscellaneous Publication No. 1308, July 1975.

Source and Title: U.S. Department of Agriculture, Statistical Reporting Service (SRS), *Objective Yield Surveys*

Tables: See tables citing SRS in source notes in section 24, which pertain to this or the preceding survey.

Universe, Frequency, and Types of Data: Surveys for data on corn, cotton, potatoes, soybeans, wheat, rice, sorghum, and sunflower to forecast and estimate yields.

Type of Data Collection Operation: Random location of plots in probability sample of fields. Fields selected in June or December from Basic Area Frame Sample (see above).

Data Collection and Imputation Procedures: Enumerators count and measure plant characteristics in sample fields. Production measured from plots at harvest. Harvest loss measured from post harvest gleanings.

Estimates of Sampling Error: CV's for national estimates of production are about 2-3%.

Other (nonsampling) Errors: In addition to above, replicated sampling procedures used to monitor effects of changes in survey procedures.

Sources of Additional Material: U.S. Department of Agriculture, SRS, *Scope and Methods of the Statistical Reporting Service,* Miscellaneous Publication No. 1308, July 1975.

(See section 1 above for information pertaining to the Census of Population and Current Population Survey and section 29 for information pertaining to table 1354.)

SECTION 28. CONSTRUCTION AND HOUSING

Source and Title: U.S. Bureau of the Census, *Census of Construction Industries*
Tables: 1286 and, in section 32, table 1488.
Universe, Frequency, and Types of Data: Census every five years. In 1982, it covered all establishments primarily engaged in contract construction, in construction for sale on their own account (operative builders), or in subdividing real property into lots (approximately 498,000 establishments with paid employees; 855,000 without paid employees).
Type of Data Collection Operation: Probability sample of 172,000 establishments, which comprised all medium and large size employers in the universe and a probability sample of small employers. Also, all 855,000 establishments without paid employees are included in the coverage through administrative records.
Data Collection and Imputation Procedures: Survey data for employers are collected by mail questionnaire. IRS business tax forms are used for establishments without paid employees. Followup is conducted on problems with questionnaire responses. Within industry, by Census division cross-classifications, missing data are imputed based on relationships of known responses to administrative data.
Estimates of Sampling Error: Estimated CV's: About 1% at national level for estimated totals of all construction and about .5% for construction subindustries.
Other (nonsampling) Errors: Response rate is 80% to 85% for most items. Computer scan is used to identify incomplete questionnaires for review.
Sources of Additional Material: U.S. Bureau of the Census, *Census of Construction Industries, 1982,* vol. I, Industry series.

Source and Title: U.S. Bureau of the Census, *Monthly Survey of New Construction*
Tables: 1297, 1298, and 1300-1303.
Universe, Frequency, and Types of Data: Survey conducted monthly of newly constructed housing units (excluding mobile homes, and nonhousekeeping residential buildings such as motels, hotels, courts and cabins). Data are collected on the start, completion, and sale of housing. (Annual figures are aggregates of monthly estimates.)
Type of Data Collection Operation: Probability sample of housing units obtained from building permits selected from 16,000 permit-issuing places through 1984 and, beginning in 1985, 17,000 places. For nonpermit places, multistage probability sample of new housing units selected in 169 PSU's. In those areas, all roads canvassed in selected enumeration districts.
Data Collection and Imputation Procedures: Data are obtained by telephone inquiry and field visit.
Estimates of Sampling Error: Estimated CV of 3% to 4% for estimates of national totals, but are as high as 20% for estimated totals of more detailed characteristics, such as residential multiunit structures.
Other (nonsampling) Errors: Response rate is over 90% for most items. Nonsampling errors are attributed to definitional problems, differences in interpretation of questions, incorrect reporting, inability to obtain information about all cases in the sample, and processing errors.
Sources of Additional Material: U.S. Bureau of the Census, *Construction Reports,* series C20, *Housing Starts;* C22, *Housing Completions;* C25, *New One-Family Houses Sold and For Sale;* and C27, *Price Index of New One-Family Houses Sold.*

Source and Title: U.S. Bureau of the Census, *Value of New Construction Put in Place*
Tables: 1289-1292.
Universe, Frequency, and Types of Data: Survey conducted monthly on total value of all construction put in place in the current month, both public and private projects. Construction values include costs of materials and labor, contractors' profits, overhead costs, cost of architectural and engineering work, and miscellaneous project costs. (Annual figures are aggregates of monthly estimates.)
Type of Data Collection Operation: Varies by type of activity: Total cost of private one-family houses started each month is distributed into value put in place using fixed patterns of monthly construction progress; using a multistage probability sample, data for private multifamily housing are obtained by mail from owners of multiunit projects. Data for residential additions and alterations are obtained in a quarterly survey measuring expenditures; monthly estimates are interpolated from quarterly data. Estimates of value of private nonhousekeeping, nonresidential buildings, and State and local government construction are obtained by mail from owners (or agents) for a probability sample of projects. Estimates of farm nonresidential construction expenditures

are based on U.S. Department of Agriculture annual estimates of construction; public utility estimates are obtained from reports submitted to Federal regulatory agencies and from private utility companies; estimates for all other private construction (nonbuilding) are obtained by phasing F. W. Dodge contract award data; estimates of Federal construction are based on monthly data supplied by Federal agencies.

Data Collection and Imputation Procedures: See "Type of Data Collection Operation." Imputation accounts for approximately 20% of estimated value of construction each month.

Estimates of Sampling Error: CV estimates for private nonresidential building construction range from 3% for estimated value of industrial buildings to 10% for miscellaneous buildings. CV is approximately 2% for total new private nonresidential buildings.

Other (nonsampling) Errors: For directly measured data series based on samples, some nonsampling errors may arise from processing errors, imputations, and misunderstanding of questions. Indirect data series are dependent on the validity of the underlying assumptions and procedures.

Sources of Additional Material: U.S. Bureau of the Census, *Construction Reports,* series C30, *Value of New Construction Put in Place.*

Source and Title: U.S. Bureau of the Census, *Census of Housing*

Tables: 1308-1315 and 1325.

Universe, Frequency, and Types of Data: Census of all occupied and vacant housing, excluding group quarters, conducted every 10 years as part of the decennial census (see section 1 above) to determine characteristics of U.S. housing.

Type of Data Collection Operation: For 1970 and 1980, a complete count of 12 housing items. In 1970, other items collected from 5% and 15% probability samples selected from two sets of detailed questions on housing (these two sets having some common items). In 1980, approximately 19% of the housing units were included in the sample.

Data Collection and Imputation Procedures: In 1970, a self-enumeration census using a mail-out/mail-back procedure was used in most areas. In 1980, mail questionnaires were used in even more areas than in 1970, with personal interviews in the remainder. Followup for nonrespondents and identification of vacant units done by phone and personal visit.

Estimates of Sampling Error: Sampling errors for data are estimated for all items collected by sample and vary by characteristic and geographic area.

Other (nonsampling) Errors: Evaluation studies for 1980 estimated the underenumeration of occupied housing units at 1.5%. The missed rate in 1980 for all units was 2.6% or approximately 2.3 million units, 1 million of which were vacant housing units.

Sources of Additional Material: U.S. Bureau of the Census, *1980 Census of Population and Housing, The Coverage of Housing in the 1980 Census,* PHC80-EI, July 1985.

Source and Title: U.S. Bureau of the Census, *Annual Housing Survey*

Tables: See tables citing *Annual Housing Survey* in source notes.

Universe, Frequency, and Types of Data: Conducted nationally in the fall of each year to obtain data on the approximately 92 million occupied or vacant housing units in the U.S. (group quarters are excluded). Data include character istics of occupied housing units, housing inventory changes, vacant units, new housing and mobile home units, financial characteristics, recent mover households, housing and neighborhood quality indicators, and energy characteristics.

Type of Data Collection Operation: The national sample was a multistage probability sample with about 78,600 units eligible for interview in 1983. Sample units, selected within 461 PSU's, were surveyed over a 3-month period.

Data Collection and Imputation Procedures: For 1983, about 90% of the survey was conducted by personal interviews with subsequent followup by telephone or personal visit. The remaining 10% of the sample was conducted by telephone interview.

Estimates of Sampling Error: For the national sample, illustrations of the S.E. of the estimates are provided in the appendix of each report. As an example, the estimated CV is about .4% for the estimate of the number of owner occupied housing units.

Other (nonsampling) Errors: Response rate was about 94%. Nonsampling errors may result from incorrect or incomplete responses, errors in coding and recording, and processing errors. For the 1983 national sample, about 555,600 units were not included in the sample coverage. A reinterview study also indicates some inconsistencies in the data, especially in some attitudinal items.

Sources of Additional Material: U.S. Bureau of the Census, *Current Housing Reports,* series H-150 and H-170, *Annual Housing Survey.*

(See section 1 above for information pertaining to the Census of Population and section 16 pertaining to table 1320.)

SECTION 29. MANUFACTURES

Source and Title: U.S. Bureau of the Census, *Census of Manufactures*

Tables: See tables citing *Census of Manufactures* in source notes in section 29 and also tables 894, 942, 1354, 1455, and 1460.

Universe, Frequency, and Types of Data: Conducted every five years to obtain information on labor materials, capital input and output characteristics, plant location, and legal form of organization for all plants in the United States with one or more employees. Universe was 350,000 manufacturing firms in 1982.

Type of Data Collection Operation: Complete enumeration of data items obtained from 205,000 firms. Administrative records from Internal Revenue Service and Social Security Administration are used for 145,000 smaller single-unit firms, which were determined by various cutoffs based on size and industry.

Data Collection and Imputation Procedures: Five mail and telephone followups for larger nonrespondents. Data for small single-unit firms (generally those with fewer than 10 employees) not mailed census questionnaires were estimated from administrative records of IRS and SSA. Data for nonrespondents were imputed from related responses or administrative records from IRS and SSA. Approximately 3.7% of total value of shipments was represented by fully imputed records in 1977 (1982 not available).

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Based on evaluation studies, estimates of nonsampling errors for 1972 were about 1.3% for estimated total payroll; 2% for total employment; and 1% for value of shipments. Estimates for later years are not available.

Sources of Additional Material: U.S. Bureau of the Census, *Census of Manufactures, 1977,* vol. I, *Subject and Special Statistics.*

Source and Title: U.S. Bureau of the Census, *Annual Survey of Manufactures*

Tables: See tables citing *Annual Survey of Manufactures* in source notes in section 29 and also table 1354.

Universe, Frequency, and Types of Data: Conducted annually to provide basic measures of manufacturing activity for intercensal years for all manufacturing establishments having one or more paid employees.

Type of Data Collection Operation: Sampling frame is 350,000 firms in the 1982 Census of Manufactures (see above), supplemented by Social Security Administration lists of new manufacturers and new manufacturing establishments of multi- establishment companies identified by the Census Bureau's Company Organization Survey from which a probability sample of 55,000 establishments is selected. All establishments with 250+ employees are included along with a probability sample of smaller establishments.

Data Collection and Imputation Procedures: Survey is conducted by mail with phone and mail followups of nonrespondents. Imputation (for all nonresponse items) is based on previous year reports, or for new establishments in survey, on industry averages.

Estimates of Sampling Error: Estimated CV's for number of employees and for value added totals are given in annual publications. For State totals, most estimated CV's are 2% or less, but vary considerably for detailed characteristics.

Other (nonsampling) Errors: Response rate is about 85%. Nonsampling errors include those due to collection, reporting, and transcription errors, many of which are corrected through computer and clerical checks.

Sources of Additional Material: U.S. Bureau of the Census, *Annual Survey of Manufactures,* and Technical Paper 24.

SECTION 30. DOMESTIC TRADE AND SERVICES

Source and Title: U.S. Bureau of the Census, *Census of Wholesale Trade, Census of Retail Trade, Census of Service Industries*

Tables: See tables citing the above censuses in source notes in section 30 and tables 1454 and 1460 in section 32.

Universe, Frequency, and Types of Data: Conducted every five years to obtain data on number of establishments, number of employees, total payroll size, and total sales. In 1977, universe was all employer establishments primarily engaged in wholesale trade, and employer and nonemployer establishments in retail trade or service industries. In 1982, for service industries and retail trade summary data for all establishments are available; kind of business detail by State is available only for establishments with payroll.

Type of Data Collection Operation: All wholesale firms with paid employees surveyed; all large retail and service firms with 4+ paid employees surveyed plus a sample of smaller firms. Firms with no employees were not required to file a census return.

Data Collection and Imputation Procedures: Mail questionnaire is utilized with telephone followups for nonrespondents. Data for nonrespondents and "nonselected" firms in retail trade and service industries are imputed from administrative records of IRS and the Social Security Administration.

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Response rate in 1977 of 85% for single establishment firms; 92% for multi-establishment firms. Item response ranged from 60% to 90% with higher rates for less detailed questions.

Sources of Additional Material: U.S. Bureau of the Census, Appendix A of *Census of Retail Trade,* vol. I; *Census of Service Industries,* vol. I; *Census of Wholesale Trade,* vol. I; and *History of the 1977 Economic Censuses,* December 1980.

Source and Title: U.S. Bureau of the Census, *Annual Surveys*

Tables: 1388 and 1408.

Universe, Frequency, and Types of Data: Annual surveys to obtain estimates of retail and wholesale sales and end-of-year inventories in the U.S. represent all employers and nonemployer retail establishments operating during the calendar year. Service survey for receipts began in 1982.

Type of Data Collection Operation: Probability sample comprised firms in the sample of the Current Business Surveys; see below.

Data Collection and Imputation Procedures: Survey questionnaire is mailed early in the year and followed by mail and phone followups. Missing data are imputed from administrative records of IRS and the Social Security Administration.

Estimates of Sampling Error: CV's for total retail and wholesale estimates of sales and inventories and service receipts are about 1%. For more detailed estimates by kind of business, or geographic areas, estimated CV's range up to 8%.

Other (nonsampling) Errors: Imputation rates are about 6% to 8% for annual retail sales and inventory, and about 9% to 11% for annual wholesale sales and inventory. For service receipts, rate is 6%.

Sources of Additional Material: U.S. Bureau of the Census, *Current Business Reports, 1984 Retail Trade* and *1984 Wholesale Trade* and *Service Annual Survey.*

Source and Title: U.S. Bureau of the Census, *Current Business Surveys*

Tables: 1388-1391 and 1408.

Universe, Frequency, and Types of Data: Provides monthly estimates of retail sales by kind of business and geographic area, and end-of-month inventories of retail stores; wholesale sales and end-of-month inventories; and receipts of selected service industries. (Service monthly survey discontinued after Dec. 1981.)

Type of Data Collection Operation: Probability sample of firms from a list frame and for retail and service an area frame. List frame is the Bureau's Standard Statistical Establishment List (SSEL) updated quarterly for recent "births" from the Social Security Administration list of establishments having an employer identification number. The largest firms are included monthly; a sample of others is included every three months on a rotating basis. The area frame covers businesses not subjected to sampling on the list frame.

Data Collection and Imputation Procedures: Data are collected by mail questionnaire with telephone followups for nonrespondents. Imputation made for each nonresponse item and each item failing edit checks.

Estimates of Sampling Error: CV's are about .8% for estimated total retail sales, 2.4% for wholesale sales, 2.0% for wholesale inventories, and 1.5% for selected service receipts. Sampling errors are shown in monthly publications.

Other (nonsampling) Errors: Imputation rates are about 10%-15% for monthly retail sales, wholesale sales, and selected services receipts and about 20%-25% for monthly wholesale inventories.

Sources of Additional Material: U.S. Bureau of the Census, *Current Business Reports, Monthly Retail Trade, and Monthly Wholesale Trade. Monthly Selected Services Receipts* discontinued after Dec. 1981.

APPENDIX IV

Guide to Sources of Statistics

Alphabetically arranged by subject, this guide contains references to the important primary sources of statistical information for the United States. Secondary sources have been included if the information contained in them is presented in a particularly convenient form or if primary sources are not readily available. Nonrecurrent publications presenting compilations or estimates for years later than 1975 or types of data not available in regular series are also included.

Much valuable information may also be found in State reports (see pp. 933–936) and in reports for particular commodities, industries, or similar segments of our economic and social structures, many of which are not included here.

Publications listed under each subject are divided into two main groups: "U.S. Government" and "Other." The location of the publisher of each report is given except for Federal agencies located in Washington, DC. Most Federal publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, tel. (202) 783-3238, or from Government Printing Office bookstores in certain major cities. In some cases, Federal publications may be obtained from the issuing agency.

Major reports, such as the Census of Population, which consist of many volumes, are listed by their general, all-inclusive titles.

Abortions—*see* Vital Statistics.

Accidents—*see also* Health; Insurance; *and* Vital Statistics

U.S. Government

Bureau of Labor Statistics

Injuries in the Logging Industry. 1984. (Bulletin No. 2203.)

Injuries Resulting From Falls From Elevations. 1984. (Bulletin No. 2195.)

Injuries Resulting From Falls On Stairs. 1984. (Bulletin No. 2214.)

Occupational Injuries and Illnesses in the United States by Industry. Annual.

Civil Aeronautics Board

Supplement to the Handbook of Airline Statistics. Biennial.

Department of Transportation

Transportation Safety Information Report. Quarterly.

Federal Railroad Administration

Accident/Incident Bulletin. Summary, statistics, and analysis of accidents on railroads in the United States. Annual.

Rail-Highway Crossing Accident/Incident and Inventory Bulletin. Annual.

Summary Statistics of the National Railroad-Highway Crossing Inventory For Public At-Grade Crossings. An inventory which contains data on the physical and operational characteristics of the 402,000 railroad-highway crossings in the United States.

Accidents—Con.

U.S. Government—Con.

Mine Safety and Health Administration

Informational Reports by Mining Industry: *Coal, Metallic Minerals, Nonmetallic* Minerals (except stone and coal), Stone, Sand, and Gravel. Annual.

Mine Injuries and Worktime. (Preliminary data.) Quarterly.

National Center for Health Statistics

Vital Statistics of the United States. Annual.

National Transportation Safety Board

Accidents. Annual.

Other

Metropolitan Life Insurance Company, New York, NY

Statistical Bulletin. Quarterly.

National Fire Protection Association, Quincy, MA

Fire Almanac. Annual.

Fire Journal. Bimonthly.

National Safety Council, Chicago, IL

Accident Facts. Annual.

Agriculture—*see also* Food; Foreign Commerce; Irrigation; Labor; Money and Banking; *and* Population

U.S. Government

Bureau of the Census

Census of Agriculture. Quinquennial. (1982, most recent.)

U.S. Commodity Exports and Imports as Related to Output. Annual. (Series ES2.)

Bureau of the Census and Bureau of Mines

Raw Materials in the United States Economy; 1900-1977. (Issued 1980. Working Paper No. 47.)

Bureau of Reclamation

Annual Report.

Commodity Futures Trading Commission

Commodity Futures Statistics. Annual. (Statistical Bulletin No. 516.)

Department of Agriculture

Agricultural Economic Research. Quarterly Journal.

Agricultural Finance, Outlook and Situation. Annual.

Agricultural Finance Statistics, 1960-83. (Statistical Bulletin No. 706.) April 1984.

Agricultural Outlook. 11 issues.

Agricultural Price Reports. Reports on prices received for farm commodities, prices paid for farm supplies, indexes and parity ratios. Monthly and annual.

Agricultural Statistics. Annual.

Commodity Credit Corporation Report of Financial Condition and Operations. Quarterly.

Conversion Factors and Weights and Measures for Agricultural Commodities and Products. March 1979. (Statistical Bulletin No. 616.)

Crop Production Reports. Acreage, yield, and production of various commodities. Monthly and annual.

Crop Values Report. Price and value of various commodities. Annual.

Economic Indicators of the Farm Sector. A series of 5 annual issues.

Farm Real Estate Market Developments, Outlook Situation Report CD-89.

Farm Real Estate Taxes, 1981. (Statistical Bulletin No. 701.)

Farmline. 11 issues.

Food Consumption, Prices, and Expenditures, 1963/83. (Statistical Bulletin No. 713.) Revised annually.

Foreign Agricultural Trade of the United States (FATUS). 6 issues with annual supplements on calendar year and fiscal year trade data.

Agriculture—Con.

U.S. Government—Con.

Department of Agriculture—Con.

Foreign Ownership of U.S. Agricultural Land through December 31, 1984. (ERS Staff Report No. AGES 50320.)

Fruit and Vegetable Reports. Acreage, yield, production, value, and utilization of various fruits and vegetables. Periodic.

Handbook of Agricultural Charts. (Agricultural Handbook No. 637.) Annual.

The Hired Farm Working Force of 1981. (Agricultural Economic Report No. 507.)

Landownership in the United States. 1978. (Agricultural Economic Report No. 435.)

Livestock and Livestock Products. Reports pertaining to cattle, cattle on feed, hogs and pigs, lamb crop, livestock slaughter, sheep and goats, and wool and mohair. Periodic.

Livestock and Meat Statistics, 1983. (Statistical Bulletin No. 715.) Annual.

Major Uses of Land in the United States, 1982. 1985.

Milk and Dairy Products Reports. Milk cows, milk production, and dairy products. Monthly and annual.

Other Reports. Reports on varied items including cold storage, commercial fertilizer, farm employment and wages, farm production expenditures, mink, mushrooms, and floriculture crops. Monthly and annual.

Outlook for U.S. Agricultural Exports. Quarterly.

Poultry and Egg Reports. Reports covering eggs, chickens, turkeys, hatcheries, egg products, and poultry slaughter. Weekly, monthly, annual.

Rural Development Perspectives. 3 issues.

Situation Reports. Issued for cotton and wool, dairy, feed, fruit, inputs, livestock and poultry, oil crops, rice, sugar and sweeteners, tobacco, vegetables, wheat, and world agriculture. Monthly, quarterly, annual.

Statistics of Farmer Cooperatives. Annual.

Statistics on Oilseeds and Related Data, 1965-82. (Statistical Bulletin No. 695.)

Stock Reports. Stocks of grain, hops, peanuts, potatoes, rice, and soybeans. Quarterly, annual, periodic.

Weekly Weather and Crop Bulletin. Report summarizing weather and its effect on crops the previous week.

Agriculture—Con.

U.S. Government—Con.

Farm Credit Administration
Annual Report.
Loans and Discounts of Farm Credit Banks and Associations. Annual.

National Oceanic and Atmospheric Administration
Weekly Weather and Crop Bulletin. National summary.

Soil Conservation Service
Report of Administrator of Soil Conservation Service. Annual.

Air Force—*see* National Defense.

Air Pollution—*see* Environment.

Aliens—*see* Immigration.

American Samoa—*see* Outlying Areas.

Area—*see* Geography.

Army—*see* National Defense.

Aviation—*see* Transportation.

Banks and Banking—*see* Money.

Births—*see* Vital Statistics.

Broadcasting—*see* Communications.

Building Permits—*see* Construction.

Business—*see also* Economic Indexes; Investments; Manufactures; Retail and Wholesale Trade; Scientific Resources; *and* Service Establishments

U.S. Government

Administrative Office of the United States Courts
Annual Report of the Director.

Board of Governors of the Federal Reserve System
Federal Reserve Bulletin. Monthly.
Working Capital for U.S. Nonfinancial Corporations. Quarterly. Beginning August 1978 published by the Federal Reserve Board.

Bureau of the Census
Census of Retail Trade. Quinquennial. (1982, most recent.)
Census of Service Industries. Quinquennial. (1982, most recent.)
Census of Wholesale Trade. Quinquennial. (1982, most recent.)
County Business Patterns. Annual.
Current Business Reports. Retail Trade, Sales, and Inventories, BR; and Wholesale Trade, Sales, and Inventories, BW.

Business—Con.

U.S. Government—Con.

Bureau of the Census—Con.
Minority-Owned Businesses: 1977.
Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations.
Selected Characteristics of Foreign-Owned U.S. Firms. Annual.

Bureau of Economic Analysis
Business Conditions Digest. Monthly.
Business Statistics: 1982. 1983.
The Detailed Input-Output Structure of the U.S. Economy, 1977. 1984.
Fixed Reproducible Tangible Wealth in the United States, 1925-79. 1982.
Handbook of Cyclical Indicators. 1984.
The National Income and Product Accounts of the United States, 1929-1976: Statistical Tables. 1981.
Selected Data on U.S. Direct Investment Abroad, 1950-79. 1985.
Summary Input-Output Tables of the U.S. Economy: 1976, 1978, and 1979. 1983. (Staff Paper No. 39.)
Survey of Current Business. Monthly.

Bureau of Industrial Economics
The U.S. Industrial Outlook. Annual.

Council of Economic Advisers
Economic Indicators. Monthly.
Economic Report of the President. Annual.

Federal Trade Commission
Mergers & Acquisitions, 1972-1974, 1978.

Internal Revenue Service
Statistics of Income.
Corporation Tax Returns. Annual.
Partnership Returns. Annual.
Sole Proprietorship Returns. Annual.
Statistics of Income Bulletin. Quarterly.

Patent and Trademark Office
Commissioner of Patents and Trademarks Annual Report.

Securities and Exchange Commission
Annual Report.
Directory of Companies Required to File Annual Reports with the Securities and Exchange Commission—Under the Securities Exchange Act of 1934. Annually.
Official Summary of Security Transactions and Holdings. Monthly.

Business—Con.

U.S. Government—Con.

Securities and Exchange Commission—Con.

A Report on the Operation of the Intermarket Trading System: 1978-1982. June 1982.

Securities Traded on Exchanges Under the Securities Exchange Act. Annual with quarterly supplements.

Staff Report on the Securities Industry in 1981. October 1982.

Statistical Review. Monthly.

Stock Trading Statistics. Monthly.

Stock Transactions of Financial Institutions. Quarterly.

Small Business Administration

Annual Report.

Other

Aerospace Industries Association of America, Washington, DC

Aerospace Economic Indicators. Quarterly.

The Conference Board, New York, NY

Economic Road Maps. Monthly.

Dun & Bradstreet Corporation, New York, NY

The Failure Record. Annual.

Monthly Failure Report.

Monthly New Business Incorporations Report.

Quarterly Business Starts.

Quarterly Businessmen's Expectations Report.

Fortune (Time, Inc.), New York, NY

The Fortune Directory of the 500 Largest Industrial Corporations. (Annual supplement to Fortune.)

National Bureau of Economic Research, Cambridge, MA

Financial Aspects of the United States Pension System, Zvi Bodie and John B. Shoven, editors. 1983. (University of Chicago Press, Chicago, IL.)

The Formation and Stocks of Total Capital, by John W. Kendrick. 1976. (General Series 100.) (Columbia University Press, Irvington, NY.)

The U.S. National Income and Product Accounts: Selected Topics, Murray F. Foss, editor. (Studies in Income and Welfare, Vol. 47.) (University of Chicago Press, Chicago, IL.)

Child Welfare—*see* Education; *and* Social Insurance.

City Government—*see* State and Local Government.

Civil Service—*see* Federal Government; *and* State and Local Government.

Climate—*see also* Agriculture

U.S. Government

National Oceanic and Atmospheric Administration

Climatography of the United States, No. 81: Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1951-80. 1982. Issued by State.

Climatological Data. Issued in sections for States and outlying areas. Monthly with annual summary.

Comparative Climatic Data Through 1984.

General Summary of Tornadoes. Annual.

Hourly Precipitation Data. Monthly with annual summary; for each State.

Local Climatological Data. Monthly with annual summary; for major cities.

Storm Data. Monthly.

Weekly Weather and Crop Bulletin. National summary.

Commerce—*see* Foreign Commerce; Retail and Wholesale Trade; *and* Transportation.

Commodity Prices—*see also* Economic Indexes

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of Labor Statistics

Comparisons of United States, German, and Japanese Export Price Indexes. 1980. (Bulletin No. 2046.)

Consumer Prices: Energy and Food. Monthly.

CPI Detailed Report. Monthly.

Handbook of Labor Statistics. Annual.

Monthly Labor Review.

Producer Price Indexes. Monthly, with annual supplement.

Relative Importance of Components in the Consumer Price Indexes. Annual.

U.S. Import and Export Price Indexes. Quarterly.

Department of Agriculture

Agricultural Price Reports. Monthly and annual.

Agricultural Statistics. Annual.

Commodity Prices—Con.

Other

Commodity Research Bureau, Inc., Jersey City, NJ

Commodity Chart Service. Weekly.

Commodity Yearbook. Annual.

Commodity Yearbook Statistical Abstract Service. Quarterly. (3 editions annually.)

CRB Commodity Index Report. Weekly.

CRB EZ Update Charts. Bi-weekly.

Electronic Futures Trend Analyzer. Daily.

Futures Market Service. Weekly.

Morgan Guaranty Trust Company of New York

The Morgan Guaranty Survey. Monthly. (Wholesale price index.)

Wall Street Journal. (Dow Jones & Co., New York, NY.) Daily except Saturdays, Sundays, and holidays.

Communications—*see also* Newspapers

U.S. Government

Federal Communications Commission

Annual Report.

Statistics of Communications Common Carriers. Annual.

Rural Electrification Administration

Statistical Report—Rural Telephone Borrowers. Annual.

U.S. Postal Service

Annual Report of the Postmaster General.

Revenue and Cost Analysis. Annual.

Other

John Blair & Company, New York, NY

Statistical Trends in Broadcasting. Annual.

Book Industry Study Group, Inc., New York, NY

Book Industry Trends. Annual.

Broadcasting Publications, Inc., Washington, DC

Broadcasting Magazine. Weekly.

Broadcasting Cablecasting Yearbook.

Corporation for Public Broadcasting, Washington, DC

Public Broadcasting Income. Annual.

Public Broadcasting: Statistical Brief. Annual.

Public Radio and Television Programming Content by Category. Biennial.

Communications—Con.

Other—Con.

Corporation for Public Broadcasting, Washington, DC—Con.

Summary Statistical Report of PTV Licensees. Annual.

Summary Statistical Report of Public Radio Stations. Annual.

Editor & Publisher Co., Inc., New York, NY

International Year Book. Annual.

Market Guide. Annual.

Electronic Industries Association, Washington, DC

Electronic Market Data Book. Annual.

Electronic Market Trends. Monthly.

Electronics Foreign Trade. Monthly.

Radio Advertising Bureau, New York, NY

Radio Facts. Annual.

Television Digest, Inc., Washington, DC

Cable and Station Coverage Atlas. Annual.

Television and Cable Factbook. Annual.

United States Telephone Association, Washington, DC

Statistics of the Independent Telephone Industry. *Annual.*

Construction, Housing, and Real Estate—*see also* Money *and* Roads

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of Census

Census of Construction Industries. Quinquennial. (1982, most recent.)

Census of Housing. Decennial. (1980, most recent.)

Current Construction Reports: Housing Starts, C20 (monthly); New Residential *Construction in Selected Standard* Metropolitan Statistical Areas, C21 (quarterly); Housing Completions, C22 (monthly); New One-Family Houses Sold and for Sale, C25 (monthly with annual report, Characteristics of New Housing); Price Index of New One-Family Houses Sold, C27 (quarterly); Value of New Construction Put in Place, C30 (monthly with occasional historical supplement); Housing Units Authorized by Building Permits and Public Contracts, C40 (monthly and

Construction, Housing, and Real Estate—Con.

U.S. Government—Con.

Bureau of Census—Con.

annual); Residential Alterations and Repairs, C50 (quarterly and annual).

Current Housing Reports: Housing Vacancies, H-111 (quarterly and annual); Market Absorption of Apartments, H-130 (quarterly and annual); Characteristics of Apartments Completed, H-131 (annual); Annual Housing Survey, H-150 (series of six annual reports); Annual Housing Survey—Housing Characteristics for Selected Metropolitan Areas, H-170.

Social Indicators, 1973; 1976; 1980.

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1982. 1983.

Fixed Reproducible Tangible Wealth in the United States, 1925-79. 1982.

Handbook of Cyclical Indicators. 1984.

The National Income and Product Accounts of the United States, 1929-76: Statistical Tables. 1981.

New Structures and Equipment by Using Industries, 1972: Detailed Estimates and Methodology. 1980. (Staff Paper No. 35.)

Survey of Current Business. Monthly.

Bureau of Labor Statistics

CPI Detailed Report. Monthly.

Employment and Earnings. Monthly.

Employment, Hours, and Earnings, United States, 1909-84. 1985. (Bulletin No.1312-12.)

Monthly Labor Review.

Occupational Employment in Mining, Construction, Finance, and Services. 1984. (Bulletin No. 2186.)

Department of Housing and Urban Development

Statistical Yearbook. (Discontinued with 1979 edition.)

Survey of Mortgage Lending Activity. Monthly and quarterly press releases.

Energy Information Administration

Residential Energy Consumption Survey: Housing Characteristics. Annual.

Federal Home Loan Bank Board

Annual Report.

Savings and Home Financing Source Book. Annual.

International Trade Administration

Construction Review. Bimonthly.

Construction, Housing, and Real Estate—Con.

U.S. Government—Con.

Veterans Administration

Loan Guaranty Highlights. Monthly.

Other

Dodge, F.W., Division, McGraw-Hill Information Systems Co., New York, NY

Dodge Construction Potentials. Monthly.

National Association of Realtors, Washington, DC

Existing Home Sales. Monthly.

Whitman, Requardt and Associates, Baltimore, MD

The Handy-Whitman Index of Public Utility Construction Costs. Semiannual.

Consumer Income and Expenditures, and Personal Income—*see also* Agriculture; Economic Indexes; Investments; *and* National Income

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of the Census

Census of Population. Decennial. (1980, most recent.)

Current Population Reports. (Series on Consumer Income, P-60.)

Special Studies Reports. (Series on Special Studies, P-23.)

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1982. 1983.

Handbook of Cyclical Indicators. 1984.

Local Area Personal Income, 1977-82. Annual personal income by type of income and by major industries, and population and per capita income, for States, counties, and metropolitan areas. Nine volumes published by the Government Printing Office, Washington, DC.

Survey of Current Business. Monthly.

Bureau of Labor Statistics

Consumer Expenditure Survey:

Diary Survey, 1980-81. 1983. (Bulletin No. 2173.)

Interview Survey, 1980-81. April 1985. (Bulletin No. 2225.)

Handbook of Labor Statistics. Annual.

Internal Revenue Service

Statistics of Income. (Annual report on Individual Income Tax Returns.)

Consumer Income and Expenditures, and Personal Income—Con.

U.S. Government—Con.

Internal Revenue Service—Con.

Statistics of Income Bulletin. Quarterly.

National Science Foundation

U.S. Scientists and Engineers: 1982. Vol. 2. Detailed Statistical Tables. (NSF 85-307.)

Social Security Administration

Income of the Population Aged 55 and Older, 1976. (Social Security Bulletin. July 1979.)

Studies in Income Distribution. (A series of studies presenting information on the distribution of income, taxes, and transfer payments.) (November 1979, most recent.)

Trends since 1960 In the Economic Status of Aged Men and Women. (Research and Statistics Note No. 3. 1983.)

Other

American Financial Services Association, Washington, DC

Finance Facts Yearbook. Annual.

National Bureau of Economic Research, Cambridge, MA

Household Production and Consumption, Nestor E. Terleckyj, editor. 1976. (Studies in Income and Wealth, vol. 40.) (Columbia University Press, Irvington, NY.)

Consumer Prices—*see* Commodity Prices.

Corporations—*see* Business; *and* Manufactures.

Correctional Institutions—*see* Law Enforcement.

Cost of Living—*see* Commodity Prices.

Courts—*see* Law Enforcement.

Crime—*see* Law Enforcement.

Crops—*see* Agriculture.

Deaths—*see* Vital Statistics.

Defense—*see* National Defense.

Divorce—*see* Vital Statistics.

Domestic Trade—*see* Retail and Wholesale Trade; *and* Service Establishments.

Drainage—*see* Irrigation.

Economic Indexes—*see also* Agriculture; Business; Commodity Prices; *and* Manufactures

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Banks. Monthly review published by each Bank with special reference to its own Federal Reserve District.

Federal Reserve Bulletin. Monthly. (Also monthly releases on industrial production indexes.)

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1982. 1983.

Handbook of Cyclical Indicators. 1984.

The National Income and Product Accounts of the United States, 1929-76: Statistical Tables. 1981.

Survey of Current Business. Monthly.

Bureau of Labor Statistics

Employment and Earnings. Monthly.

International Comparisons of Manufacturing Productivity and Labor Cost Trends. Annual.

Monthly Labor Review.

Multifactor Productivity Measures. Annual.

Productivity and Costs: Business Sector. Quarterly.

Productivity and Costs: Nonfinancial Corporations. Quarterly.

Productivity Measures for Selected Industries. Annual.

Trends in Multifactor Productivity, 1948-81. 1983. (Bulletin No. 2178.)

Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President. Annual.

National Science Foundation

A Comparative Analysis of Information on National Industrial R&D Expenditures. Special Report. (NSF 85-311.)

Federal Funds for Research and Development. Annual.

Federal R&D Funding by Budget Function. Annual.

Federal R&D Funding: The 1975-85 Decade. Special Report.

National Patterns of Science and Technology Resources. Annual.

Research and Development in Industry, 1982. Funds, 1982; Scientists and Engineers, January 1983. Detailed Statistical Tables. (NSF 84-325.)

Economic Indexes—Con.

U.S. Government—Con.

National Science Foundation—Con.

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Tax Collections—*see* Federal Government; *and* State and Local Government.

Telephone and Telegraph Systems—*see* Communications.

Television—*see* Communications.

Trade—*see* Foreign Commerce; Retail and Wholesale Trade; *and* Service Establishments.

Transportation—*see also* Foreign Commerce; *and* Roads

U.S. Government

Army, Corps of Engineers
Waterborne Commerce of the United States (in five parts). Annual.

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Census of Transportation. Quinquennial. (1977, most recent.)
Vessel Entrances and Clearances. Annual.

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Part 2: Motor Carriers

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Yearbook of Railroad Facts.

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Commercial Carrier Journal.

General Aviation Manufacturers Association, Washington, DC

Shipment Report. Monthly and Annual.

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Annual Report.

Monthly Bulk Commodities Report.

Lloyd's Register of Shipping, London, England

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Quarterly Shipbuilding Returns (Merchant Ships Under Construction, and Ships Not Commenced in the World).

Statistical Tables. Annual. Analysis of world merchant fleet.

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Motor Vehicle Facts and Figures. Annual.

World Motor Vehicle Data. Annual.

National Air Carrier Association, Washington, DC

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Travel—*see* Recreation *and* Transportation.

Unemployment Insurance—*see* Labor; *and* Social Insurance.

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Veterans—*see* National Defense; *and* Population.

Virgin Islands of the United States—*see* Outlying Areas.

Vital Statistics—*see also* Accidents; *and* Health

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Abortion Surveillance. Annual Summary 1979-1980.

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Series 20: Mortality Data. Irregular.

Series 21: Natality, Marriage, and Divorce Data. Irregular.

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The Alan Guttmacher Institute, New York, NY

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Bureau of the Census

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Disabled Veterans of the Vietnam Era—Education and Training Under the GI Bill and the Vocational Rehabilitation Program. May 1979.

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Historical Data on the Usage of Educational Benefits: 1944-1983. April 1984.

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Wealth—*see* National Income.

Weather—*see* Climate.

Welfare Services—*see* Health; *and* Social Insurance.

Wholesale and Retail Trade—*see* Retail and Wholesale Trade.

Wholesale Prices—*see* Commodity Prices.

Work Relief—*see* Social Insurance.

Work Stoppages—*see* Labor.

Bureau of the Census Publications

In most cases, separate reports of the most recent censuses are available for each State, subject, industry, etc. Complete information on publications of all the censuses and current surveys conducted by the Bureau of the Census appears in the *Bureau of the Census Catalog,* published annually and available from the Superintendent of Documents.

Guide to State Statistical Abstracts

This bibliography includes the most recent statistical abstracts for States and Puerto Rico published since 1975 plus those that will be issued in late 1985 or early 1986. For some States, a near equivalent has been listed in substitution for, or in addition to, a statistical abstract. All sources contain statistical tables on a variety of subjects for the State as a whole, its component parts, or both. The page counts given for publications are approximate.

Alabama

University of Alabama, Center for Business and Economic Research, P.O. Box AK, University 35486

Economic Abstract of Alabama. 1984. 430 pp.

Alaska

Department of Commerce and Economic Development, Office of Economic Analysis, Pouch D, Juneau 99811

The Alaska Economic and Statistical Review. 1984. 194 pp.

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Valley National Bank, P.O. Box 29514, Phoenix 85038

Arizona Statistical Review. 41st ed. 1985.

University of Arizona, Division of Economic and Business Research, College of Business and Public Administration, Tucson 85721

Arizona Statistical Abstract: A 1979 Data Handbook. 640 pp. (No longer published.)

Arizona Economic Indicators. 52 pp. (Biannual.)

Arkansas

University of Arkansas, Industrial Research and Extension Center, Little Rock 72204

Arkansas State and County Economic Data. 18 pp. (Revised annually.)

California

Department of Finance, Sacramento 95814-4998

California Statistical Abstract, 1985. 225 pp.

Presido Press, 31 Pamamron Way, Novato 94947

California Almanac, 1986-87. Biennial. 600 pp.

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Transrep/bibliographics, P.O.Box 22678, Denver 80222

Statistical Abstract of Colorado, 1976-1977, Thomas G. Tyler, editor. 1977. 515 pp.

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Connecticut Market Data. 1983. 86 pp. (Update forthcoming.)

Delaware

Delaware Development Office, P.O. Box 1401, Dover 19903

Dimensions on Delaware, A Statistical Abstract for 1979. (Out of Print.)

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Office of Planning, Data Services Division, Lansburg Bldg., Suite 400 20004

Population Estimates and *Housing Units,* annual.

Office of Policy and Program Evaluation, 1350 Pennsylvania Ave., N.W. 20004

Indices—A Statistical Index to DC Services, 1985. Annual. 188 pp.

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University of Florida, Bureau of Economic and Business Research, Gainesville 32611

Florida Statistical Abstract, 1985. 19th ed. 1985. 700 pp.

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University of Georgia, Division of Research, College of Business Administration, Athens 30602

Georgia Statistical Abstract, 1984. 1984. 480 pp.

Office of Planning and Budget, 270 Washington St., S.W., Atlanta 30334

Georgia Descriptions in Data, 1985. 175 pp.

Hawaii

Hawaii State Department of Planning and Economic Development, P.O. Box 2359, Honolulu 96804

The State of Hawaii Data Book 1984: A Statistical Abstract. 18th ed. 1985. 762 pp.

University Press of Hawaii, Honolulu 96844

Historical Statistics of Hawaii. 1977. 711 pp.

Idaho

Department of Commerce, Room 108, State House, Boise 83720

County Economic Profiles, 1982. (Separate report for each county.)

County Profiles, 1982.

University of Idaho, Center for Business Development and Research, Moscow 83843

Idaho Statistical Abstract. 1980. 415 pp. (Out of Print.)

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Bureau of the Budget, 605 Stratton Office Bldg., Springfield 62706

Statistical Abstract, 1981. 159 pp. (Available on microfiche only.)

Department of Commerce and Community Affairs, 222 South College St., Springfield 62706

Illinois State and Regional Economic Data Book—1982. 245 pp.

Indiana

Indiana University, Division of Research, School of Business, Bloomington 46223

Indiana Fact Book, 1985. 320 pp.

Iowa

Iowa Development Commission, Research and Development Group, 250 Jewett Bldg., Des Moines 50309

1986 Statistical Profile of Iowa. 116 pp.

Kansas

University of Kansas, Institute for Public Policy and Business Research, 607 Blake Hall, Lawrence 66045-2960

Kansas Statistical Abstract, 1984-85. 20th ed. 1985.

Kentucky

Department of Economic Development, Capital Plaza Office Tower, Frankfort 40601

Kentucky Economic Statistics. 21st ed. 1985.

Louisiana

University of New Orleans, Division of Business and Economic Research, New Orleans 70122, and Louisiana State Planning Office, Baton Rouge 70804

Statistical Abstract of Louisiana. 7th ed. 1981. 413 pp.

Maine

Maine State Development Office, State House Station 59, Augusta 04333

Maine: A Statistical Summary. (Updated periodically.)

Maryland

Department of Economic and Community Development, 45 Calvert St., Annapolis 21401

Maryland Statistical Abstract. 1986-87. 265 pp. (Biennial.)

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Wayne State University, Bureau of Business Research, School of Business Administration, Detroit 48202

Michigan Statistical Abstract. 19th ed. 1985. 735 pp.

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Blue Sky Marketing, Inc., P.O. Box 17003, St. Paul 55117

Minnesota Data Book, 1985-86. 384 pp.

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Mississippi State University, College of Business and Industry, Division of Research, Mississippi State 39762

Mississippi Statistical Abstract. 1985. 700 pp.

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University of Missouri, Research Center, Columbia 65211

Statistical Abstract for Missouri, 1985. 258 pp.

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Montana Department of Commerce, Census and Economic Information Center, Capitol Station, Helena 59620

Montana Statistical Abstract. 1985. 1st ed. 484 pp.

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Nebraska

Department of Economic Development, Division of Research, Box 94666, 301 Centennial Mall South, Lincoln 68509

Nebraska Statistical Handbook. 1986-1987. 308 pp.

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Office of Community Services, Capitol Complex, Carson City 89710

Nevada Statistical Abstract. 1983-84. 230 pp.

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Current Estimates and Trends in New Hampshire's Housing Supply. Update: 1983. 24 pp.

Selected Economic Characteristics of New Hampshire Municipalities. September 1983. 12 pp.

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Office of Demographic and Economic Analysis, CN 388, Trenton 08625-0388

Economic and Demographic Factbook, 1984. 26 pp.

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University of New Mexico, Bureau of Business and Economic Research, Albuquerque 87131

New Mexico Statistical Abstract. 1984. 131 pp. (Biennial.)

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Energy Association of New York, 111 Washington Avenue, Suite 601, Albany 12210

New York at a Glance, 1984-85.

Nelson Rockefeller Institute of Government, 414 State Street, Albany 12213

New York State Statistical Yearbook, 1984-85. 11th ed. 460 pp.

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Office of State Budget and Management, Research and Planning Services Section, 116 West Jones Street, Raleigh 27611

North Carolina State Government Statistical Abstract. 1984. 5th ed. 575 pp.

Profile—North Carolina Counties. 5th ed. 1981. 267 pp. (*Profile, Update,* 1984, 200 pp.)

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University of North Dakota, Bureau of Business and Economic Research, Grand Forks 58202

The Statistical Abstract of North Dakota. 1983. 657 pp.

Economic Development Commission, Library Memorial Bldg., Bismarck 58505

North Dakota Growth Indicators. 1986. 85 pp.

Ohio

Department of Development, Ohio Data Users Center (ODUC), P.O. Box 1001, Columbus 43216-1001

ODUC Products and Services. (Updated continuously.)

Oklahoma

University of Oklahoma, Center for Economic and Management Research, 307 West Brooks Street, Room 4, Norman 73109

Statistical Abstract of Oklahoma, 1984. 450 pp.

Oregon

Secretary of State, State Capitol, Salem 97310

Oregon Blue Book. 1985-1986. 424 pp. (Biennial.)

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Department of Commerce, Bureau of Statistics, Research and Planning, Harrisburg 17120

Pennsylvania Statistical Abstract, 1985. 27th ed. 1985. 261 pp.

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Department of Economic Development, 1 Weybosset Hill, Providence 02903

Rhode Island Basic Economic Statistics. 1982-1983. 200 pp.

South Carolina

Budget and Control Board, Division of Research and Statistical Services, R. C. Dennis Building, Room 337, Columbia 29201

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University of South Dakota, Business Research Bureau, Vermillion 57069

Handbook of Manpower Statistics for South Dakota. 294 pp.

Tennessee

University of Tennessee, Center for Business and Economic Research, Knoxville 37916

Tennessee Statistical Abstract, 1985-86. 8th ed. 759 pp. (Annual.)

Texas

Dallas Morning News, Communications Center, Dallas 75222

Texas Almanac, 1986-1987. 1985 768 pp.

University of Texas, Bureau of Business Research, Austin 78712

Texas Fact Book, 1984. 5th ed. 229 pp.

Utah

University of Utah, Bureau of Economic and Business Research, 401 Business Office Building, Salt Lake City 84112

1983 Statistical Abstract of Utah. 1983. (Triennial.)

Utah Foundation, 308 Centennial Bank Building, Salt Lake City 84101

Statistical Review of Government in Utah. 1985. 101 pp. (1986 edition to be issued in April 1986.)

Vermont

Office of the Governor, Policy Research and Coordination Staff, Montpelier 05602

Demographic and Economic Study Papers. (Periodically issued.)

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Washington State Office of Financial Management, Insurance Building M. S. AQ-44, Olympia 98504

Washington State Data Book, 1983. 289 pp.

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Washington State Research Council, 906 South Columbia, Suite 350, Olympia 98501

The Fact Book. 1984. (Biennial.) 121 pp.

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West Virginia Chamber of Commerce, P.O. Box 2789, Charleston 25330

West Virginia: An Economic-Statistical Profile, 1985. 400 pp.

West Virginia Research League, Inc., 1107 Charleston National Plaza, Charleston 25301

Economic Indicators. 1985. 92 pp.

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Wisconsin

Department of Administration, Division of Energy and Costal Management, Demographic Services Center, P.O. Box 7868, Madison 53707

Wisconsin Statistical Abstract. 4th ed. 1979. 215 pp.

Wisconsin Legislative Reference Bureau, State Capitol, Madison 53702

1985-1986 Wisconsin Blue Book. 1,000 pp. (Biennial.)

Wyoming

Department of Administration and Fiscal Control, Division of Research and Statistics, 302 Emerson Building, Cheyenne 82002

Wyoming Data Handbook, 1983. 201 pp.

Puerto Rico

Planning Board, Area of Economic and Research Evaluation, Bureau of Economic Analysis and Projections, Santurce 09940

Statistical Yearbook, 1976. 209 pp.

Socioeconomic Statistics, 1980. 14 pp.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	RESIDENT POPULATION [1] (July 1)									
	Total,[2] 1984		Percent change,[3] 1980–84		Per square mile,[4] 1984		Net total migration,[5] 1980–84		In metro areas,[6] 1984	
	Number (1,000)	Rank	Percent	Rank	Number	Rank	Percent	Rank	Percent	Rank
United States	**236,158**	(x)	**4.2**	(x)	**67**	(x)	**1.2**	(x)	**76.2**	(x)
New England	**12,577**	(x)	**1.8**	(x)	**200**	(x)	(z)	(x)	**80.9**	(x)
Maine	1,156	38	2.8	28	37	36	.6	23	36.0	44
New Hampshire	977	41	6.1	15	109	20	3.3	12	56.1	33
Vermont	530	48	3.6	23	57	30	.7	22	22.8	49
Massachusetts	5,798	12	1.1	42	741	3	−.5	34	90.9	6
Rhode Island	962	42	1.6	39	912	2	.1	30	92.6	4
Connecticut	3,154	27	1.5	40	647	4	−.3	33	92.6	4
Middle Atlantic	**37,151**	(x)	**1.0**	(x)	**373**	(x)	**−.7**	(x)	**90.5**	(x)
New York	17,735	2	1.0	43	374	6	−.8	37	90.4	8
New Jersey	7,515	9	2.0	35	1,006	1	.3	27	100.0	1
Pennsylvania	11,901	4	.3	45	285	8	−1.1	40	84.5	9
East North Central	**41,601**	(x)	**−.2**	(x)	**171**	(x)	**−3.0**	(x)	**77.2**	(x)
Ohio	10,752	7	−.4	49	262	9	−3.0	49	78.8	16
Indiana	5,498	14	.1	46	153	15	−2.7	47	67.8	22
Illinois	11,511	5	.7	44	207	10	−2.3	46	82.0	11
Michigan	9,075	8	−2.0	50	159	14	−4.9	50	80.3	14
Wisconsin	4,766	16	1.3	41	88	24	−1.7	45	66.6	24
West North Central	**17,515**	(x)	**1.9**	(x)	**34**	(x)	**−1.1**	(x)	**54.9**	(x)
Minnesota	4,162	21	2.1	34	52	32	−1.4	41	65.2	28
Iowa	2,910	29	−.1	48	52	33	−2.7	48	42.5	40
Missouri	5,008	15	1.9	36	73	27	−.5	35	65.5	27
North Dakota	686	46	5.2	20	10	45	.7	21	36.4	42
South Dakota	706	45	2.2	33	9	46	−1.6	43	27.3	47
Nebraska	1,606	36	2.3	32	21	41	−1.0	39	46.1	37
Kansas	2,438	32	3.1	24	30	38	−.2	31	49.5	35
South Atlantic	**39,450**	(x)	**6.7**	(x)	**148**	(x)	**4.2**	(x)	**73.0**	(x)
Delaware	613	47	3.1	26	317	7	.2	29	66.5	25
Maryland	4,349	19	3.1	25	442	5	.3	26	93.0	3
District of Columbia	623	(x)	−2.4	(x)	9,886	(x)	−4.2	(x)	100.0	(x)
Virginia	5,636	13	5.4	18	142	16	2.4	13	71.1	20
West Virginia	1,952	34	.1	47	81	25	−1.6	44	36.4	42
North Carolina	6,165	10	4.8	21	126	17	2.3	14	54.7	34
South Carolina	3,300	24	5.7	17	109	19	2.2	15	59.9	31
Georgia	5,837	11	6.8	13	101	21	3.3	11	63.4	30
Florida	10,976	6	12.6	4	203	11	11.2	2	90.9	6
East South Central	**15,028**	(x)	**2.5**	(x)	**84**	(x)	**−.3**	(x)	**54.1**	(x)
Kentucky	3,723	23	1.7	37	94	23	−1.0	38	45.4	38
Tennessee	4,717	17	2.7	30	115	18	.3	28	66.5	25
Alabama	3,990	22	2.5	31	79	26	−.3	32	63.5	29
Mississippi	2,598	31	3.1	27	55	31	−.6	36	29.3	45
West South Central	**26,098**	(x)	**9.9**	(x)	**61**	(x)	**5.2**	(x)	**71.7**	(x)
Arkansas	2,349	33	2.7	29	45	35	.3	25	38.9	41
Louisiana	4,462	18	6.1	14	100	22	1.4	19	69.0	21
Oklahoma	3,298	25	9.0	9	48	34	5.3	6	57.8	32
Texas	15,989	3	12.4	5	61	29	7.1	5	80.2	15
Mountain	**12,553**	(x)	**10.4**	(x)	**15**	(x)	**4.8**	(x)	**64.4**	(x)
Montana	824	44	4.7	22	6	48	.7	20	24.3	48
Idaho	1,001	40	6.0	16	12	43	.5	24	18.9	50
Wyoming	511	49	8.9	10	5	49	2.2	16	26.8	46
Colorado	3,178	26	10.0	7	31	37	5.0	7	80.6	13
New Mexico	1,424	37	9.3	8	12	44	3.4	10	46.5	36
Arizona	3,053	28	12.3	6	27	40	7.6	4	75.7	19
Utah	1,652	35	13.0	3	20	42	3.6	9	76.6	18
Nevada	911	43	13.8	2	8	47	9.6	3	82.1	10
Pacific	**34,184**	(x)	**7.5**	(x)	**38**	(x)	**3.3**	(x)	**89.8**	(x)
Washington	4,349	20	5.2	19	65	28	1.5	18	80.7	12
Oregon	2,674	30	1.6	38	28	39	−1.6	42	67.1	23
California	25,622	1	8.3	11	164	12	4.0	8	95.1	2
Alaska	500	50	24.4	1	1	50	14.8	1	45.4	38
Hawaii	1,039	39	7.7	12	162	13	1.8	17	77.5	17

X Not applicable. [1] Source: U.S. Bureau of the Census. [2] See table 12, 1986 Statistical Abstract. [3] See table 13, 1986 Statistical Abstract. Percent change, April 1, 1980–July 1, 1984. Minus sign (−) indicates decrease. [4] See table 12, 1986 Statistical Abstract. [5] See table 13, 1986 Statistical Abstract. Net total migration as percent of population, April 1, 1980. [6] See table 23, 1986 Statistical Abstract. Refers to metropolitan statistical areas as defined June 30, 1985.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	RESIDENT POPULATION [1] (July 1)—Con.				HOUSEHOLDS, PERCENT CHANGE, [2] 1980–1984		BIRTH RATE, [3 4] 1983		INFANT MORTALITY RATE, [4 5] 1982	
	Under 18 years old, 1984		65 years old and over, 1984							
	Percent	Rank	Percent	Rank	Percent	Rank	Rate	Rank	Rate	Rank
United States	**26.5**	(X)	**11.9**	(X)	**7.0**	(X)	**15.5**	(X)	**11.5**	(X)
New England	**24.1**	(X)	**13.1**	(X)	**5.7**	(X)	**13.5**	(X)	**10.3**	(X)
Maine	26.5	33	13.1	11	6.4	24	14.6	38	9.0	49
New Hampshire	25.8	39	11.7	29	9.7	13	14.4	40	11.0	26
Vermont	26.4	34	11.8	25	7.2	21	15.2	28	9.3	46
Massachusetts	23.5	48	13.4	8	4.8	36	13.2	47	10.1	36
Rhode Island	23.5	49	14.3	2	4.9	35	13.2	49	10.0	39
Connecticut	23.7	47	12.9	13	5.7	30	13.1	50	11.1	24
Middle Atlantic	**24.6**	(X)	**13.1**	(X)	**4.1**	(X)	**13.7**	(X)	**11.9**	(X)
New York	24.7	44	12.7	16	4.1	40	14.1	41	12.1	12
New Jersey	24.7	45	12.5	18	5.7	31	13.3	46	11.7	17
Pennsylvania	24.5	46	14.1	4	3.2	46	13.3	45	11.6	19
East North Central	**27.0**	(X)	**11.8**	(X)	**2.9**	(X)	**15.0**	(X)	**12.0**	(X)
Ohio	26.8	29	11.9	23	2.6	47	14.8	34	11.5	20
Indiana	27.5	21	11.6	30	3.3	45	14.8	35	11.4	21
Illinois	26.8	27	11.8	25	3.3	44	15.6	23	13.6	6
Michigan	27.4	22	11.1	34	1.7	50	14.7	37	12.1	12
Wisconsin	26.8	28	12.8	15	4.6	38	15.3	25	9.5	44
West North Central	**26.9**	(X)	**13.3**	(X)	**4.2**	(X)	**15.8**	(X)	**10.5**	(X)
Minnesota	27.0	24	12.4	19	5.1	33	15.8	21	9.5	44
Iowa	26.9	25	14.1	4	2.2	49	14.9	32	10.2	33
Missouri	26.2	36	13.6	6	4.3	39	15.2	26	11.7	17
North Dakota	28.9	10	12.6	17	6.0	26	18.2	9	10.6	29
South Dakota	29.2	9	13.6	6	3.3	43	17.9	11	10.2	33
Nebraska	27.6	20	13.4	8	3.9	41	16.4	18	10.0	39
Kansas	26.7	30	13.3	10	4.6	37	16.7	17	10.4	32
South Atlantic	**25.4**	(X)	**12.5**	(X)	**10.2**	(X)	**14.5**	(X)	**13.2**	(X)
Delaware	25.3	42	11.0	35	7.8	19	15.2	27	14.1	3
Maryland	24.9	43	10.3	38	7.4	20	14.9	33	11.9	16
District of Columbia	21.7	(X)	12.1	(X)	–.9	(X)	15.0	(X)	21.2	(X)
Virginia	25.3	41	10.2	39	8.9	15	14.5	39	12.8	8
West Virginia	27.2	23	13.0	12	2.5	48	13.2	48	11.4	21
North Carolina	26.0	38	11.2	33	8.7	17	13.8	44	13.7	5
South Carolina	28.1	12	10.0	40	9.3	14	15.6	24	16.1	1
Georgia	28.0	14	9.9	41	10.8	9	15.7	22	12.7	10
Florida	22.9	50	17.6	1	15.0	3	13.9	43	12.8	8
East South Central	**27.8**	(X)	**11.9**	(X)	**5.7**	(X)	**15.0**	(X)	**13.2**	(X)
Kentucky	27.7	18	11.8	25	5.1	34	14.7	36	12.0	14
Tennessee	26.4	34	12.0	22	5.9	29	14.0	42	12.0	14
Alabama	27.8	16	11.9	23	5.9	28	14.9	31	13.8	4
Mississippi	30.7	5	11.8	25	6.0	27	17.0	16	15.4	2
West South Central	**29.3**	(X)	**10.3**	(X)	**11.8**	(X)	**18.2**	(X)	**11.3**	(X)
Arkansas	27.8	17	14.3	2	5.5	32	15.1	29	10.1	36
Louisiana	30.4	7	9.7	42	8.5	18	18.6	8	13.0	7
Oklahoma	27.9	15	12.1	21	10.0	12	17.2	15	12.3	11
Texas	29.5	8	9.5	43	14.1	5	18.7	7	10.9	28
Mountain	**29.7**	(X)	**10.0**	(X)	**11.9**	(X)	**18.9**	(X)	**10.0**	(X)
Montana	28.6	11	11.6	30	6.2	25	17.3	14	10.1	35
Idaho	32.2	3	10.8	36	6.9	23	19.0	5	9.9	41
Wyoming	31.3	4	8.2	48	8.8	16	19.9	3	9.8	43
Colorado	26.9	26	8.8	47	12.1	7	17.4	12	9.1	48
New Mexico	30.6	6	9.5	43	12.1	6	19.7	4	11.3	23
Arizona	28.1	13	12.3	20	14.3	4	18.1	10	9.3	46
Utah	37.8	1	7.7	49	12.0	8	24.4	2	11.0	26
Nevada	25.7	40	9.5	43	15.9	2	16.0	20	10.2	33
Pacific	**26.3**	(X)	**10.6**	(X)	**9.3**	(X)	**17.1**	(X)	**10.0**	(X)
Washington	26.6	31	11.3	32	7.0	22	16.0	19	10.6	29
Oregon	26.5	32	12.9	13	3.4	42	15.0	30	10.5	31
California	26.0	37	10.5	37	10.1	11	17.3	13	9.9	41
Alaska	32.4	2	3.1	50	25.7	1	24.9	1	11.1	24
Hawaii	27.6	19	9.0	46	10.3	10	18.8	6	8.8	50

X Not applicable. [1] See table 29, 1986 Statistical Abstract. Source: U.S. Bureau of the Census. [2] See table 62, 1986 Statistical Abstract. Source: U.S. Bureau of the Census. Percent change, April 1, 1980-July 1, 1984. Minus sign (—) indicates decrease. [3] See table 85, 1986 Statistical Abstract. Registered births per 1,000 population, by place of residence. Excludes births to nonresidents of U.S. [4] Source: U.S National Center for Health Statistics. [5] See table 113, 1986 Statistical Abstract. Represents deaths of infants under 1 year old per 1,000 live births, by place of residence. Excludes fetal deaths.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	PERSONAL HEALTH CARE EXPENDITURES PER CAPITA,[1] 1982		PHYSICIANS PER 100,000 POPULATION,[2] 1982		HOSPITALS				FOOD STAMP RECIPIENTS PER 1,000 POPULATION,[5] 1984	
					Beds per 100,000 population[3] 1983		Average daily room charge,[4] 1985			
	Dollars	Rank	Rate	Rank	Rate	Rank	Dollars	Rank	Rate	Rank
United States	**1,220**	(X)	**191**	(X)	**577**	(X)	**212**	(X)	**83.5**	(X)
New England	**1,356**	(X)	**251**	(X)	**634**	(X)	(NA)	(X)	**59.4**	(X)
Maine	1,091	33	157	31	559	29	209	16	96.9	13
New Hampshire	986	41	171	22	480	40	199	20	29.7	50
Vermont	978	42	222	6	571	26	211	15	84.9	18
Massachusetts	1,508	1	287	1	715	5	229	9	59.2	37
Rhode Island	1,351	5	213	7	607	19	205	18	73.6	25
Connecticut	1,348	6	260	4	580	25	206	17	46.6	44
Middle Atlantic	**1,310**	(X)	**239**	(X)	**661**	(X)	(NA)	(X)	**91.1**	(X)
New York	1,417	3	281	3	692	7	224	12	103.5	12
New Jersey	1,115	28	204	9	571	27	183	29	63.6	34
Pennsylvania	1,273	11	200	10	672	12	256	4	89.9	17
East North Central	**1,249**	(X)	**171**	(X)	**584**	(X)	(NA)	(X)	**96.2**	(X)
Ohio	1,247	13	172	20	581	24	229	9	104.5	11
Indiana	1,101	32	134	40	585	22	184	27	72.9	26
Illinois	1,308	8	194	13	615	18	247	5	95.9	16
Michigan	1,281	10	167	23	528	36	270	3	112.2	8
Wisconsin	1,219	18	167	24	619	17	167	35	74.1	24
West North Central	**1,241**	(X)	**164**	(X)	**716**	(X)	(NA)	(X)	**60.6**	(X)
Minnesota	1,229	15	196	11	702	6	188	24	54.3	40
Iowa	1,176	22	132	42	682	9	179	31	64.6	31
Missouri	1,285	9	171	21	679	10	185	26	74.1	23
North Dakota	1,325	7	142	38	881	1	176	32	39.4	47
South Dakota	1,154	25	121	47	815	2	162	40	63.7	32
Nebraska	1,216	19	152	33	752	4	155	44	54.2	41
Kansas	1,271	12	160	28	754	3	184	27	48.4	43
South Atlantic	**1,115**	(X)	**185**	(X)	**574**	(X)	(NA)	(X)	**77.4**	(X)
Delaware	1,153	26	176	19	644	16	214	13	63.6	33
Maryland	1,232	14	283	2	554	31	187	25	68.5	28
District of Columbia	2,836	(X)	538	(X)	1,396	(X)	(NA)	(X)	122.0	(X)
Virginia	1,054	36	183	16	563	28	164	38	64.9	30
West Virginia	1,057	35	143	36	663	13	164	38	135.8	5
North Carolina	931	44	158	29	537	35	139	49	76.3	21
South Carolina	857	50	138	39	513	38	140	48	112.4	6
Georgia	1,048	37	148	34	584	23	151	45	96.5	14
Florida	1,228	16	181	17	556	30	182	30	55.8	39
East South Central	**1,025**	(X)	**141**	(X)	**634**	(X)	(NA)	(X)	**144.7**	(X)
Kentucky	957	43	142	37	514	37	176	32	149.9	3
Tennessee	1,144	27	163	26	686	8	142	46	110.2	9
Alabama	1,033	39	132	43	656	14	162	40	151.1	2
Mississippi	897	46	113	49	674	11	114	50	190.1	1
West South Central	**1,096**	(X)	**150**	(X)	**553**	(X)	(NA)	(X)	**89.5**	(X)
Arkansas	994	40	128	46	594	21	141	47	112.4	7
Louisiana	1,106	31	163	27	595	20	156	43	140.1	4
Oklahoma	1,086	34	129	45	538	34	165	37	77.6	20
Texas	1,110	30	154	32	538	33	159	42	74.6	22
Mountain	**1,070**	(X)	**165**	(X)	**445**	(X)	(NA)	(X)	**61.3**	(X)
Montana	1,036	38	132	41	650	15	203	19	66.7	29
Idaho	868	49	111	50	415	44	199	20	55.9	38
Wyoming	873	48	120	48	543	32	166	36	43.1	46
Colorado	1,209	20	195	12	486	39	212	14	51.9	42
New Mexico	904	45	157	30	450	41	192	23	107.4	10
Arizona	1,112	29	179	18	411	45	193	22	70.4	27
Utah	896	47	164	25	334	50	169	34	44.2	45
Nevada	1,380	4	147	35	401	47	241	6	34.0	48
Pacific	**1,380**	(X)	**222**	(X)	**428**	(X)	(NA)	(X)	**53.8**	(X)
Washington	1,165	23	184	14	377	48	229	9	60.7	36
Oregon	1,165	23	184	15	440	42	230	8	79.7	19
California	1,451	2	234	5	438	43	281	1	61.9	35
Alaska	1,187	21	129	44	374	49	274	2	34.0	49
Hawaii	1,228	16	207	8	403	46	231	7	96.2	15

NA Not available. X Not applicable. [1] See table 152, 1986 Statistical Abstract. [2] See table 164, 1986 Statistical Abstract. Source: American Medical Association, Chicago, IL. (Copyright.) Covers active non-Federal physicians and includes physicians not classified according to activity status. [3] See table 172, 1986 Statistical Abstract. Source: American Hospital Association, Chicago, IL (Copyright). [4] See table 174, 1986 Statistical Abstract. Source: Health Insurance Association of America, Washington, DC. As of January. Covers non-governmental short-term general hospitals and represents average cost to patient for semi-private room. [5] See table 203, 1986 Statistical Abstract. Source: U.S. Dept. of Agriculture, Food and Nutrition Service.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	PUBLIC ELEMENTARY AND SECONDARY SCHOOLS[1]				CRIME RATE PER 100,000 POPULATION,[4] 1984		FEDERAL AND STATE PRISONERS PER 100,000 POPULATION,[5] 1984		ADULTS UNDER CORRECTIONAL SUPERVISION PER 10,000 POPULATION,[6] 1984	
	Average teachers' salaries,[2] 1985		Current expenditures per pupil,[3] 1985							
	Dollars	Rank	Dollars	Rank	Rate	Rank	Rate	Rank	Rate	Rank
United States	**23,582**	(X)	**3,413**	(X)	[7] **5,031**	(X)	**192.3**	(X)	**143**	(X)
New England	(NA)	(X)	(NA)	(X)	**4,376**	(X)	**110.9**	(X)	**114**	(X)
Maine	18,329	48	3,038	31	3,527	41	88.7	44	62	46
New Hampshire	18,577	47	2,964	32	3,138	44	53.9	49	55	48
Vermont	18,996	45	3,783	14	3,968	32	101.1	42	133	13
Massachusetts	24,110	18	3,889	12	4,588	25	83.2	45	84	40
Rhode Island	27,384	5	4,332	6	4,774	20	127.5	34	110	26
Connecticut	24,468	14	4,438	5	4,629	24	184.3	17	200	5
Middle Atlantic	(NA)	(X)	(NA)	(X)	**4,625**	(X)	**147.6**	(X)	**114**	(X)
New York	28,213	3	5,219	2	5,577	12	182.0	18	116	20
New Jersey	25,125	11	5,085	3	4,856	19	134.7	32	123	17
Pennsylvania	24,435	16	4,002	9	3,060	45	104.6	39	107	28
East North Central	(NA)	(X)	(NA)	(X)	**5,000**	(X)	**154.5**	(X)	**103**	(X)
Ohio	23,300	20	3,315	25	4,273	29	174.9	19	91	38
Indiana	22,853	22	2,638	43	3,929	33	169.8	20	131	15
Illinois	25,829	8	3,517	19	5,304	14	146.2	29	113	22
Michigan	28,401	2	3,434	21	6,556	3	159.0	27	94	35
Wisconsin	24,577	13	3,880	13	4,172	30	102.3	41	94	35
West North Central	(NA)	(X)	(NA)	(X)	**3,904**	(X)	**116.7**	(X)	**102**	(X)
Minnesota	25,450	10	3,396	24	3,842	36	51.5	50	110	26
Iowa	20,934	30	3,409	23	3,800	37	95.5	43	79	42
Missouri	20,452	34	2,901	33	4,297	28	168.7	21	105	30
North Dakota	20,090	37	3,608	16	2,583	49	63.6	48	45	49
South Dakota	17,356	49	2,813	37	2,613	48	122.7	36	60	47
Nebraska	19,848	41	3,128	29	3,497	42	106.9	38	118	19
Kansas	21,121	29	3,668	15	4,339	27	166.1	22	121	18
South Atlantic	(NA)	(X)	(NA)	(X)	[7] **5,033**	(X)	**254.3**	(X)	**170**	(X)
Delaware	22,990	21	4,155	7	5,007	17	360.7	2	184	6
Maryland	*25,861*	*7*	*4,038*	*8*	*5,215*	*15*	300.6	4	263	3
District of Columbia	28,621	(X)	4,785	(X)	[7]	(X)	700.6	(X)	399	(X)
Virginia	21,536	27	3,043	30	3,784	38	188.3	15	95	34
West Virginia	19,563	42	2,886	35	2,336	50	81.1	47	42	50
North Carolina	20,691	32	2,588	44	4,044	31	267.4	7	155	8
South Carolina	19,971	40	2,740	40	4,663	22	296.6	6	138	12
Georgia	20,610	33	2,682	42	4,498	26	266.1	8	300	1
Florida	20,896	31	3,427	22	6,821	1	243.1	11	132	14
East South Central	(NA)	(X)	(NA)	(X)	**3,519**	(X)	**189.9**	(X)	**98**	(X)
Kentucky	20,225	35	2,792	39	2,959	47	126.0	33	101	31
Tennessee	20,080	38	2,349	46	3,890	35	162.3	25	86	39
Alabama	20,209	36	2,241	48	3,902	34	259.5	9	113	22
Mississippi	15,971	50	2,205	49	3,060	45	222.1	13	98	33
West South Central	(NA)	(X)	(NA)	(X)	**5,489**	(X)	**232.4**	(X)	**213**	(X)
Arkansas	18,696	46	2,498	45	3,368	43	184.7	16	76	45
Louisiana	19,470	43	2,806	38	5,111	16	296.8	5	154	9
Oklahoma	19,020	44	2,901	33	4,893	18	234.6	12	115	21
Texas	22,600	23	3,161	28	6,030	11	220.9	14	271	2
Mountain	(NA)	(X)	(NA)	(X)	**5,779**	(X)	**163.7**	(X)	**108**	(X)
Montana	21,705	26	3,968	10	4,653	23	116.4	37	77	44
Idaho	20,033	39	2,290	47	3,672	40	123.0	35	81	41
Wyoming	26,398	6	4,961	4	3,683	39	136.8	31	78	43
Colorado	24,454	15	3,536	18	6,471	5	102.4	*40*	*100*	*32*
New Mexico	22,064	25	3,278	27	6,243	8	137.2	30	93	37
Arizona	23,380	19	2,695	41	6,499	4	251.9	10	130	16
Utah	21,170	28	2,183	50	4,766	21	81.4	46	112	24
Nevada	22,520	24	2,848	36	6,561	2	375.6	1	156	7
Pacific	(NA)	(X)	(NA)	(X)	**6,369**	(X)	**184.9**	(X)	**161**	(X)
Washington	25,610	9	3,437	20	6,102	10	160.2	28	244	4
Oregon	24,378	17	3,963	11	6,244	7	151.7	28	143	11
California	27,410	4	3,296	26	6,468	6	163.4	23	152	10
Alaska	39,751	1	6,867	1	6,115	9	359.6	3	107	28
Hawaii	24,628	12	3,596	17	5,484	13	163.1	24	112	24

NA Not available. X Not applicable. [1] Source: National Education Association, Washington, DC. (Copyright.) [2] See table 227, 1986 Statistical Abstract. Data presented here are revised. [3] Per pupil in average daily attendance in day schools. See table 233, 1986 Statistical Abstract. Data presented here are revised. [4] See table 281, 1986 Statistical Abstract. Source: U.S. Federal Bureau of Investigation. Based on offenses known to the police. [5] See table 323, 1986 Statistical Abstract. Source: U.S. Bureau of Justice Statistics. [6] See table 322, 1986 Statistical Abstract. Source: National Council on Crime and Delinquency, San Francisco, CA. Covers persons 18 years old and over in jail or prison or on parole or probation. As of July 1. [7] District of Columbia included in South Atlantic division and U.S. total.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	DOMESTIC TRAVEL EXPENDITURES,[1] 1983		VOTING AGE POPULATION CASTING VOTES FOR PRESIDENT,[2] 1984		FEDERAL FUNDS TO STATE AND LOCAL GOVERNMENTS, PER CAPITA,[3 4] 1984		STATE AND LOCAL GOVERNMENTS[4 5]			
							Direct general expenditure, *per capita*, 1983		General revenue, per *capita*, 1983	
	Mil. dol.	Rank	Percent	Rank	Dollars	Rank	Dollars	Rank	Dollars	Rank
United States	**195,884**	(x)	**53.3**	(x)	**398**	(x)	**1,987**	(x)	**2,080**	(x)
New England	**10,730**	(x)	**59.0**	(x)	**453**	(x)	**2,021**	(x)	**2,147**	(x)
Maine	1,414	35	65.2	2	511	10	1,771	33	1,809	35
New Hampshire	1,130	39	63.9	29	376	35	1,723	36	1,655	41
Vermont	963	42	60.1	13	625	5	2,081	21	2,066	23
Massachusetts	4,725	12	57.9	17	454	13	2,108	19	2,287	13
Rhode Island	340	50	55.9	24	569	9	2,169	15	2,317	10
Connecticut	2,156	29	61.0	9	387	30	1,989	24	2,125	20
Middle Atlantic	**29,371**	(x)	**53.2**	(x)	**479**	(x)	**2,319**	(x)	**2,462**	(x)
New York	13,611	3	51.1	38	579	8	2,791	3	2,921	3
New Jersey	8,361	5	56.9	21	382	33	2,088	20	2,234	18
Pennsylvania	7,399	6	53.9	28	392	27	1,762	34	1,925	30
East North Central	**22,815**	(x)	**58.2**	(x)	**383**	(x)	**1,947**	(x)	**2,023**	(x)
Ohio	5,768	8	58.0	16	376	36	1,799	30	1,934	34
Indiana	2,369	27	56.3	22	320	46	1,593	43	1,637	43
Illinois	5,690	9	57.3	19	374	38	1,899	27	2,010	25
Michigan	5,391	10	58.2	15	416	21	2,243	9	2,359	9
Wisconsin	3,597	18	63.4	5	433	17	2,246	8	2,287	14
West North Central	**14,180**	(x)	**61.2**	(x)	**403**	(x)	**1,937**	(x)	**2,028**	(x)
Minnesota	4,498	13	68.5	1	448	15	2,404	5	2,573	5
Iowa	1,594	32	62.3	8	375	37	2,017	23	1,974	27
Missouri	4,342	15	57.7	18	354	41	1,481	48	1,584	47
North Dakota	642	45	62.9	6	661	3	2,231	11	2,315	11
South Dakota	469	49	63.9	4	617	6	1,791	31	1,876	32
Nebraska	1,070	41	56.1	23	397	26	1,901	26	2,076	21
Kansas	1,565	33	57.0	20	330	44	1,961	25	2,001	26
South Atlantic	**38,177**	(x)	**47.9**	(x)	**353**	(x)	**1,740**	(x)	**1,833**	(x)
Delaware	476	48	55.8	25	487	11	2,181	14	2,433	7
Maryland	3,450	19	51.4	34	390	29	2,217	12	2,270	15
District of Columbia	1,060	(x)	43.8	(x)	2,218	(x)	3,561	(x)	4,395	(x)
Virginia	3,630	17	51.1	37	289	48	1,708	39	1,788	36
West Virginia	1,153	38	51.4	35	420	20	1,728	36	1,747	38
North Carolina	4,435	14	47.7	44	313	47	1,498	46	1,598	46
South Carolina	2,579	24	40.6	50	354	42	1,451	49	1,612	44
Georgia	4,779	11	42.2	48	379	34	1,786	32	1,933	28
Florida	16,615	2	49.0	43	254	50	1,635	41	1,665	39
East South Central	**7,490**	(x)	**50.3**	(x)	**411**	(x)	**1,565**	(x)	**1,603**	(x)
Kentucky	2,113	30	50.7	39	427	19	1,554	44	1,569	49
Tennessee	2,938	22	49.3	42	400	24	1,496	47	1,579	48
Alabama	1,337	37	50.2	40	384	31	1,668	40	1,685	40
Mississippi	1,102	40	52.0	31	453	14	1,552	45	1,604	45
West South Central	**20,926**	(x)	**49.2**	(x)	**308**	(x)	**1,763**	(x)	**1,801**	(x)
Arkansas	1,656	31	52.2	30	403	23	1,374	50	1,486	50
Louisiana	3,166	20	54.2	27	398	25	2,118	18	2,049	24
Oklahoma	2,573	25	51.2	36	354	43	1,747	35	1,846	33
Texas	13,531	4	47.0	45	259	49	1,724	37	1,769	37
Mountain	**18,160**	(x)	**53.0**	(x)	**444**	(x)	**2,057**	(x)	**2,180**	(x)
Montana	823	46	65.0	3	645	4	2,144	16	2,444	6
Idaho	892	43	60.4	11	413	22	1,603	42	1,638	42
Wyoming	613	47	51.8	32	1,089	2	3,555	2	4,602	2
Colorado	4,081	16	54.8	26	370	40	2,020	22	2,070	22
New Mexico	1,471	34	51.6	33	606	7	2,295	7	2,647	4
Arizona	3,123	21	46.6	46	324	45	1,881	28	1,896	31
Utah	1,413	36	60.6	10	429	18	1,856	29	1,929	29
Nevada	5,944	7	41.7	49	374	39	2,324	6	2,199	19
Pacific	**34,026**	(x)	**52.0**	(x)	**404**	(x)	**2,305**	(x)	**2,405**	(x)
Washington	2,692	23	58.8	14	390	28	2,127	17	2,248	17
Oregon	2,178	28	62.6	7	466	12	2,240	10	2,303	12
California	25,943	1	49.9	41	382	32	2,217	13	2,262	16
Alaska	810	44	60.3	12	1,231	1	8,626	1	11,822	1
Hawaii	2,403	26	44.5	47	442	16	2,423	4	2,424	8

X Not applicable. [1] See table 1055, 1986 Statistical Abstract. Source: U.S. Travel Data Center, Washington, DC. (Copyright.)
[2] See table 433, 1986 Statistical Abstract. Compiled by Bureau of the Census. [3] See table 451, 1986 Statistical Abstract.
[4] Source: U.S. Bureau of the Census. [5] See table 455, 1986 Statistical Abstract.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	STATE AND LOCAL GOVERNMENT, EMPLOYEES PER 10,000 POPULATION,[1 2] 1984		FEDERAL EXPENDITURES PER CAPITA,[2 3] 1984		SOCIAL SECURITY RECIPIENTS PER 10,000 POPULATION,[4 5] 1984		PUBLIC AID RECIPIENTS, PERCENT OF POPULATION,[5 6] 1984		CIVILIAN EMPLOYMENT/ POPULATION RATIO,[7] 1984	
	Rate	Rank	Dollars	Rank	Rate	Rank	Percent	Rank	Ratio	Rank
United States	**472**	(x)	**2,962**	(x)	**1,508**	(x)	**6.2**	(x)	**59.5**	(x)
New England	**445**	(x)	**3,565**	(x)	**1,616**	(x)	**5.4**	(x)	**64.2**	(x)
Maine	453	36	2,690	22	1,730	6	6.3	13	59.8	30
New Hampshire	432	46	2,972	19	1,505	31	2.2	48	67.6	2
Vermont	464	31	2,630	33	1,547	24	5.9	20	64.4	13
Massachusetts	442	42	3,695	8	1,611	15	6.0	19	64.3	14
Rhode Island	465	30	3,100	14	1,809	4	6.1	17	62.5	19
Connecticut	441	43	4,055	7	1,569	21	4.8	28	65.0	7
Middle Atlantic	**487**	(x)	**2,857**	(x)	**1,641**	(x)	**7.2**	(x)	**56.1**	(x)
New York	563	4	3,005	17	1,579	18	8.2	4	55.1	44
New Jersey	480	26	2,719	30	1,568	22	6.2	15	61.5	24
Pennsylvania	381	50	2,724	29	1,781	5	6.2	16	54.2	48
East North Central	**439**	(x)	**2,292**	(x)	**1,528**	(x)	**7.4**	(x)	**58.6**	(x)
Ohio	431	47	2,387	44	1,555	23	7.4	7	57.3	40
Indiana	440	44	2,371	45	1,535	26	3.8	35	58.7	34
Illinois	425	48	2,216	48	1,447	34	7.5	6	59.1	33
Michigan	446	40	2,237	47	1,533	27	9.3	2	57.2	41
Wisconsin	473	28	2,277	46	1,643	10	7.2	9	62.3	21
West North Central	**482**	(x)	**3,075**	(x)	**1,634**	(x)	**4.4**	(x)	**62.6**	(x)
Minnesota	461	32	2,545	37	1,506	29	4.2	31	67.2	3
Iowa	493	16	2,176	50	1,729	7	4.8	30	60.8	27
Missouri	438	45	4,061	6	1,725	8	5.5	23	58.6	35
North Dakota	521	10	3,318	12	1,545	25	2.6	46	63.4	15
South Dakota	495	15	2,912	21	1,714	9	3.4	42	64.9	8
Nebraska	564	3	2,565	35	1,600	16	3.5	41	64.5	12
Kansas	524	9	3,346	11	1,575	19	3.7	37	63.1	16
South Atlantic	**488**	(x)	**3,399**	(x)	**1,590**	(x)	**5.3**	(x)	**59.5**	(x)
Delaware	505	13	2,667	32	1,501	32	5.3	26	62.6	18
Maryland	491	18	4,319	2	1,283	44	5.4	24	64.5	11
District of Columbia	763	(X)	20,652	(X)	1,300	(X)	12.2	(X)	60.5	(X)
Virginia	492	17	4,303	4	1,327	39	4.1	33	64.9	9
West Virginia	489	20	2,472	40	1,819	3	7.3	8	44.4	50
North Carolina	489	19	2,210	49	1,520	28	4.9	27	61.8	22
South Carolina	497	14	2,711	31	1,424	36	6.3	14	57.8	36
Georgia	525	8	2,727	28	1,353	38	6.7	12	61.2	26
Florida	445	41	3,027	16	2,042	1	4.1	34	55.6	43
East South Central	**467**	(x)	**2,841**	(x)	**1,617**	(x)	**7.2**	(x)	**55.5**	(x)
Kentucky	425	49	2,517	38	1,620	14	6.8	11	56.9	42
Tennessee	461	33	2,885	23	1,594	17	5.9	21	57.3	39
Alabama	480	25	2,868	27	1,629	13	7.1	10	54.2	47
Mississippi	518	11	3,186	13	1,640	11	10.2	1	52.1	49
West South Central	**494**	(x)	**2,470**	(x)	**1,308**	(x)	**4.6**	(x)	**61.4**	(x)
Arkansas	452	37	2,592	34	1,869	2	5.8	22	54.7	46
Louisiana	528	7	2,396	43	1,307	40	7.7	5	54.9	45
Oklahoma	511	12	2,548	36	1,480	33	4.2	32	59.6	32
Texas	488	21	2,456	41	1,191	46	3.7	38	64.6	10
Mountain	**490**	(x)	**3,064**	(x)	**1,283**	(x)	**3.4**	(x)	**63.4**	(x)
Montana	537	6	2,885	23	1,505	30	3.3	44	62.3	20
Idaho	457	35	2,495	39	1,399	37	2.6	47	61.4	25
Wyoming	677	2	2,881	26	1,037	48	2.2	49	66.0	6
Colorado	482	23	2,884	25	1,111	47	3.6	39	68.7	1
New Mexico	560	5	4,305	3	1,285	42	5.4	25	57.5	38
Arizona	458	34	3,005	17	1,572	20	3.4	43	60.4	29
Utah	450	38	2,930	20	975	49	2.8	45	62.7	17
Nevada	481	24	3,081	15	1,284	43	2.1	50	66.7	4
Pacific	**459**	(x)	**3,499**	(x)	**1,325**	(x)	**7.7**	(x)	**60.3**	(x)
Washington	471	29	3,406	10	1,437	35	4.8	29	57.6	37
Oregon	486	22	2,448	42	1,638	12	3.6	40	59.7	31
California	447	39	3,579	9	1,294	41	8.8	3	60.7	28
Alaska	793	1	4,644	1	480	50	3.8	36	66.1	5
Hawaii	476	27	4,073	5	1,203	45	6.0	18	61.8	23

X Not applicable. [1] See table 485, 1986 Statistical Abstract. Full-time equivalent employees per 10,000 resident population. [2] Source: U.S. Bureau of the Census. [3] See table 508, 1986 Statistical Abstract. [4] See table 612, 1986 Statistical Abstract.

[5] Source: U.S. Social Security Administration. Data compiled by U.S. Bureau of the Census. [6] See table 645, 1986 Statistical Abstract. Total recipients of Aid to Families with Dependent Children and Federal Supplemental Security Income as percent of resident population. [7] See table 662, 1986 Statistical Abstract. Source: U.S. Bureau of Labor Statistics. Civilian employment as a percent of civilian noninstitutional population.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	CIVILIAN LABOR FORCE[1]				NONAGRICULTURAL EMPLOYMENT, PERCENT CHANGE,[2 3] 1980–1984		SERVICES AS A PERCENT OF NONAGRICULTURAL EMPLOYMENT,[3] 1984		AVERAGE ANNUAL PAY,[4] 1984	
	Employment, percent change,[2] 1980–1984		Unemployment rate,[1] 1984						Dollars	Rank
	Percent	Rank	Rate	Rank	Percent	Rank	Percent	Rank		
United States	**5.7**	(X)	**7.5**	(X)	**4.5**	(X)	**22.0**	(X)	**18,350**	(X)
New England	**7.6**	(X)	**4.9**	(X)	**7.5**	(X)	**24.0**	(X)	(NA)	(X)
Maine	10.7	11	6.1	34	6.5	20	20.3	32	14,850	48
New Hampshire	11.4	9	4.3	50	14.2	4	20.5	30	16,183	37
Vermont	9.0	16	5.2	41	7.3	15	24.0	7	15,263	45
Massachusetts	7.4	20	4.8	46	7.5	14	26.3	2	18,428	12
Rhode Island	6.2	24	5.3	40	3.5	26	23.6	11	16,150	38
Connecticut	5.8	26	4.6	47	6.9	17	22.0	18	19,980	4
Middle Atlantic	**2.3**	(X)	**7.6**	(X)	**3.5**	(X)	**24.6**	(X)	(NA)	(X)
New York	1.7	41	7.2	22	4.9	23	26.0	4	20,754	3
New Jersey	7.7	19	6.2	33	9.1	9	22.6	16	19,889	5
Pennsylvania	−.4	46	9.1	12	−2.2	43	23.8	9	17,931	17
East North Central	**.8**	(X)	**9.4**	(X)	**−2.6**	(X)	**21.1**	(X)	(NA)	(X)
Ohio	−1.0	47	9.4	8	−2.7	44	21.3	24	18,783	9
Indiana	1.0	43	8.6	14	.1	39	18.2	42	17,832	18
Illinois	–	45	9.1	11	−4.4	48	22.6	15	19,733	7
Michigan	3.0	36	11.2	2	−2.9	45	20.8	27	20,940	2
Wisconsin	2.1	38	7.4	20	.2	37	20.8	28	17,021	28
West North Central	**2.6**	(X)	**6.2**	(X)	**1.2**	(X)	**21.8**	(X)	(NA)	(X)
Minnesota	5.1	30	6.3	29	3.1	28	22.9	13	18,038	16
Iowa	−2.4	48	7.0	26	−4.3	47	21.1	26	15,668	40
Missouri	3.1	35	7.2	21	2.3	30	21.6	19	17,599	21
North Dakota	8.0	18	5.1	43	3.1	27	22.8	14	15,289	44
South Dakota	3.8	34	4.3	49	2.8	29	23.7	10	13,532	50
Nebraska	4.2	33	4.4	48	.1	38	21.5	20	15,197	46
Kansas	.4	44	5.2	41	1.7	34	19.1	38	16,665	31
South Atlantic	**9.6**	(X)	**6.5**	(X)	**9.5**	(X)	**21.1**	(X)	(NA)	(X)
Delaware	10.3	13	6.2	32	8.3	10	20.6	29	18,505	11
Maryland	5.2	29	5.4	39	5.3	22	24.4	6	18,151	15
District of Columbia	−2.7	(X)	9.0	(X)	−.7	(X)	33.3	(X)	25,120	(X)
Virginia	10.9	10	5.0	44	7.8	12	21.2	25	17,271	26
West Virginia	−8.5	50	15.0	1	−7.9	50	18.1	43	17,482	23
North Carolina	6.0	25	6.7	27	7.6	13	15.5	48	15,422	42
South Carolina	6.3	23	7.1	24	6.9	18	15.5	49	15,305	43
Georgia	9.0	15	6.0	35	13.8	5	17.9	44	16,951	29
Florida	18.8	2	6.3	30	17.7	2	25.4	5	16,176	36
East South Central	**2.9**	(X)	**9.8**	(X)	**1.5**	(X)	**17.8**	(X)	(NA)	(X)
Kentucky	1.8	39	9.3	10	−.3	40	19.3	36	16,627	32
Tennessee	5.4	28	8.6	14	3.5	25	19.1	39	16,216	34
Alabama	4.4	32	11.1	3	2.0	31	16.4	46	16,203	35
Mississippi	−2.4	49	10.8	4	−.7	41	15.2	50	14,398	49
West South Central	**12.1**	(X)	**7.0**	(X)	**7.4**	(X)	**19.3**	(X)	(NA)	(X)
Arkansas	2.9	37	8.9	13	5.4	21	17.1	45	14,973	47
Louisiana	4.7	31	10.0	5	1.1	35	19.5	34	17,769	19
Oklahoma	10.5	12	7.0	25	4.1	24	18.7	41	17,625	20
Texas	15.7	4	5.9	36	10.0	7	19.5	35	18,864	8
Mountain	**13.5**	(X)	**6.2**	(X)	**8.9**	(X)	**23.4**	(X)	(NA)	(X)
Montana	8.4	17	7.4	19	.2	36	21.3	22	15,521	41
Idaho	9.1	14	7.2	23	−1.4	42	18.9	40	15,793	39
Wyoming	5.8	27	6.3	31	−5.4	49	16.2	47	18,322	14
Colorado	14.0	5	5.6	37	10.7	6	22.1	17	18,774	10
New Mexico	11.9	8	7.5	18	8.1	11	21.3	23	16,426	33
Arizona	17.8	3	5.0	45	16.4	3	23.2	12	17,349	25
Utah	13.5	6	6.5	28	9.2	8	20.2	33	17,201	27
Nevada	13.1	7	7.8	16	6.8	19	43.9	1	17,565	22
Pacific	**6.0**	(X)	**8.1**	(X)	**5.8**	(X)	**23.4**	(X)	(NA)	(X)
Washington	1.6	42	9.5	7	2.0	32	21.3	21	18,371	13
Oregon	1.7	40	9.4	9	−3.9	46	20.4	31	17,474	24
California	6.8	21	7.8	17	7.1	16	24.0	8	19,873	6
Alaska	29.4	1	10.0	5	32.8	1	19.2	37	28,806	1
Hawaii	6.4	22	5.6	38	1.9	33	26.3	3	16,671	30

– Represents or rounds to zero. NA Not available. X Not applicable. [1] See table 662, 1986 Statistical Abstract. Source: U.S. Bureau of Labor Statistics. [2] Minus sign (–) indicates decrease. [3] See table 693, 1986 Statistical Abstract. Source: U.S. Bureau of Labor Statistics. [4] See table 702, 1986 Statistical Abstract. Source: U.S. Bureau of Labor Statistics. For workers covered by State unemployment insurance laws and for Federal civilian workers covered by unemployment compensation for Federal employees. Pay includes bonuses, cash value of meals and lodging, and tips and other gratuities. Preliminary.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	PERSONAL INCOME [1]				MONEY INCOME PER CAPITA,[4] 1983		COMMERCIAL BANK DEPOSITS, PER CAPITA,[5] 1984		ENERGY CONSUMPTION, PER CAPITA,[6] 1983	
	Avg. annual percent change in constant (1972) dollars [2] 1980–1984		Per capita,[3] 1984							
	Percent	Rank	Dollars	Rank	Dollars	Rank	Dollars	Rank	Mil. Btu	Rank
United States	**3.3**	(x)	**12,707**	(x)	**9,496**	(x)	**6,917**	(x)	**301**	(x)
New England	**4.4**	(x)	**14,251**	(x)	**10,382**	(x)	(NA)	(x)	**216**	(x)
Maine	3.8	17	10,683	39	7,830	41	3,381	49	304	24
New Hampshire	5.3	4	13,144	14	9,866	14	4,791	44	194	48
Vermont	3.3	26	10,689	38	8,319	36	6,151	23	204	47
Massachusetts	4.7	9	14,573	4	10,517	7	6,494	20	208	46
Rhode Island	3.5	22	12,729	17	9,336	20	5,292	37	185	50
Connecticut	4.2	13	16,370	2	11,897	2	5,491	34	216	45
Middle Atlantic	**3.1**	(x)	**13,786**	(x)	**10,035**	(x)	(NA)	(x)	**234**	(x)
New York	3.5	24	14,121	6	10,183	9	11,441	3	188	49
New Jersey	4.3	12	15,281	3	11,179	3	5,875	29	279	33
Pennsylvania	1.7	41	12,343	24	9,091	25	7,279	15	274	34
East North Central	**1.5**	(x)	**12,682**	(x)	**9,447**	(x)	(NA)	(x)	**306**	(x)
Ohio	1.5	45	12,314	25	9,097	23	5,178	38	328	17
Indiana	1.5	45	11,799	30	9,076	26	6,411	21	399	5
Illinois	1.9	39	13,728	9	10,299	8	8,289	6	292	28
Michigan	.6	48	12,518	22	9,175	21	5,843	30	259	39
Wisconsin	2.2	38	12,310	26	9,122	22	6,062	24	269	35
West North Central	**3.1**	(x)	**12,531**	(x)	**9,185**	(x)	(NA)	(x)	**311**	(x)
Minnesota	3.2	28	13,218	12	9,766	17	8,221	9	289	30
Iowa	1.7	42	12,068	29	9,068	27	8,210	10	327	18
Missouri	3.2	28	12,128	28	9,009	28	7,447	13	280	32
North Dakota	5.0	5	12,468	23	8,982	30	8,357	5	351	10
South Dakota	4.2	14	11,047	35	7,290	49	12,222	2	283	31
Nebraska	3.8	18	12,280	27	8,948	32	8,268	8	321	21
Kansas	3.1	30	13,319	11	9,460	18	8,067	11	378	7
South Atlantic	**4.6**	(x)	**12,095**	(x)	**9,324**	(x)	(NA)	(x)	**264**	(x)
Delaware	3.5	21	13,537	10	9,963	12	14,331	1	307	23
Maryland	3.9	16	14,112	7	11,036	4	4,717	46	256	40
District of Columbia	2.7	(x)	16,841	(x)	11,818	(x)	14,705	(x)	263	(x)
Virginia	4.6	10	13,065	15	10,136	10	5,329	35	267	37
West Virginia	.5	49	9,848	47	7,320	48	5,778	31	341	11
North Carolina	4.4	11	10,758	37	8,189	37	4,679	47	264	38
South Carolina	4.1	15	10,075	45	7,830	41	3,141	50	298	27
Georgia	5.6	3	11,441	34	8,734	34	5,149	40	291	29
Florida	5.7	2	12,552	21	9,808	15	5,922	28	225	44
East South Central	**2.8**	(x)	**10,016**	(x)	**7,632**	(x)	(NA)	(x)	**332**	(x)
Kentucky	2.7	35	10,374	41	7,724	43	5,990	27	334	15
Tennessee	3.1	31	10,400	40	8,042	38	5,766	32	338	13
Alabama	2.8	34	9,981	46	7,603	46	4,908	42	336	14
Mississippi	2.6	36	8,857	50	6,801	50	5,151	39	308	22
West South Central	**4.2**	(x)	**11,956**	(x)	**9,033**	(x)	(NA)	(x)	**514**	(x)
Arkansas	3.5	23	9,725	48	7,388	47	5,993	26	325	20
Louisiana	2.5	37	10,851	36	8,385	35	6,698	19	722	3
Oklahoma	3.3	27	11,745	31	9,092	24	8,289	6	393	6
Texas	4.8	8	12,636	19	9,443	19	9,130	4	509	4
Mountain	**3.8**	(x)	**11,711**	(x)	**9,045**	(x)	(NA)	(x)	311	(x)
Montana	1.8	40	10,217	49	7,971	39	7,398	14	364	8
Idaho	1.7	43	10,171	44	7,640	45	5,746	33	339	12
Wyoming	–.7	50	12,597	20	8,957	31	7,840	12	725	2
Colorado	4.9	7	13,742	8	10,783	5	6,191	22	268	36
New Mexico	3.4	25	10,328	42	7,877	40	5,297	36	328	16
Arizona	5.0	6	11,629	32	9,005	29	6,034	25	253	41
Utah	3.7	19	9,717	49	7,668	44	4,603	48	300	26
Nevada	3.0	32	13,214	13	10,008	11	4,769	45	326	19
Pacific	**3.2**	(x)	**13,916**	(x)	**10,339**	(x)	(NA)	(x)	**260**	(x)
Washington	1.5	44	12,728	18	9,915	13	5,083	41	357	9
Oregon	.6	47	11,583	33	8,840	33	4,815	43	302	25
California	3.6	20	14,345	5	10,540	6	7,182	16	229	42
Alaska	7.9	1	17,148	1	12,900	1	7,162	17	871	1
Hawaii	2.9	33	12,757	16	9,776	16	6,769	18	227	43

NA Not available. X Not applicable. [1] Source: U.S. Bureau of Economic Analysis. [2] See table 734, 1986 Statistical Abstract. Minus sign (–) indicates decrease. [3] See table 735, 1986 Statistical Abstract. [4] See table 762, 1986 Statistical Abstract. Source: U.S. Bureau of the Census. [5] See table 826, 1986 Statistical Abstract. Source: Board of Governors of the Federal Reserve System. [6] See table 959, 1986 Statistical Abstract. Source: U.S. Energy Information Administration.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	ENERGY EXPENDITURES PER CAPITA,[1] 1982		DEATHS FROM MOTOR VEHICLE ACCIDENTS PER 100,000 POPULATION,[2] 1982		FARMS[3]					
					Average value per acre, percent change,[4] 1980–1985		Marketings, cash receipts,[5] 1984		Debt/asset ratio,[6] 1984	
	Dollars	Rank	Rate	Rank	Percent	Rank	Mil. dol.	Rank	Ratio	Rank
United States	***1,810***	*(X)*	***19.9***	*(X)*	***−7.9***	*(X)*	***141,835***	*(X)*	***22.2***	*(X)*
New England	**1,707**	(X)	**14.1**	(X)	(NA)	(X)	**1,769**	(X)	(NA)	(X)
Maine	2,119	7	16.3	38	44.1	3	456	42	20.1	28
New Hampshire	1,573	47	19.2	30	41.3	4	109	48	9.7	48
Vermont	1,529	48	20.4	26	41.1	5	400	43	14.8	41
Massachusetts	1,661	39	12.4	50	47.5	2	383	44	12.0	44
Rhode Island	1,472	50	12.8	48	32.2	7	62	49	9.5	49
Connecticut	1,784	24	14.1	46	34.4	6	359	45	11.1	45
Middle Atlantic	**1,656**	(X)	**14.0**	(X)	(NA)	(X)	**6,376**	(X)	(NA)	(X)
New York	1,492	49	12.6	49	12.2	12	2,705	21	23.3	19
New Jersey	*2,053*	*8*	*14.6*	*44*	*19.6*	*10*	505	*41*	*11.0*	*46*
Pennsylvania	1,649	40	15.8	41	3.1	17	3,166	17	15.8	36
East North Central	**1,776**	(X)	**15.6**	(X)	(NA)	(X)	**22,186**	(X)	(NA)	(X)
Ohio	1,887	17	14.8	43	−34.9	46	3,611	13	19.6	29
Indiana	1,991	10	18.9	32	−32.4	45	3,924	11	25.1	12
Illinois	1,729	30	13.9	47	−35.6	47	6,738	5	21.9	23
Michigan	1,622	43	15.9	39	−5.3	28	2,777	20	23.9	15
Wisconsin	1,683	37	17.1	34	−15.6	39	5,136	8	27.4	6
West North Central	**1,848**	(X)	**18.2**	(X)	(NA)	(X)	**37,745**	(X)	(NA)	(X)
Minnesota	1,751	27	14.6	45	−24.2	42	6,242	6	29.5	4
Iowa	1,987	11	17.1	35	−42.2	48	9,312	3	30.5	2
Missouri	1,745	29	18.9	31	−26.9	43	3,729	12	23.2	20
North Dakota	2,183	6	26.2	11	−11.1	36	2,544	24	25.6	11
South Dakota	1,893	16	23.8	17	−14.4	38	2,889	19	30.0	3
Nebraska	1,857	21	16.7	37	−30.1	44	7,082	4	32.0	1
Kansas	1,945	13	21.5	24	−20.6	41	5,947	7	26.0	9
South Atlantic	**1,690**	(X)	**22.2**	(X)	(NA)	(X)	**17,130**	(X)	(NA)	(X)
Delaware	1,898	15	21.8	23	−8.7	35	520	40	26.8	7
Maryland	1,694	35	15.9	40	−6.3	30	1,154	34	15.5	37
District of Columbia	1,650	(X)	11.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Virginia	1,712	32	16.9	36	6.1	16	1,794	29	15.1	39
West Virginia	1,779	25	24.7	15	−17.2	40	226	47	12.2	43
North Carolina	1,636	41	*22.8*	*21*	*1.9*	*19*	*4,126*	*10*	*21.1*	*24*
South Carolina	1,697	34	23.5	18	−.1	22	1,136	35	24.1	13
Georgia	1,794	23	22.8	22	−3.5	27	3,587	14	28.5	5
Florida	1,623	42	26.5	10	10.6	13	4,587	9	17.5	31
East South Central	**1,838**	(X)	**25.4**	(X)	(NA)	(X)	**8,994**	(X)	(NA)	(X)
Kentucky	1,768	26	23.2	19	−7.2	31	2,652	22	20.9	25
Tennessee	1,871	20	25.2	14	.6	20	1,985	28	16.2	34
Alabama	1,927	14	24.5	16	−1.4	25	2,189	26	19.5	30
Mississippi	1,745	28	30.3	6	2.0	18	2,168	27	26.4	8
West South Central	**2,525**	(X)	**28.3**	(X)	(NA)	(X)	**17,108**	(X)	(NA)	(X)
Arkansas	*1,873*	*19*	*25.4*	*13*	*−7.5*	*32*	*3,336*	*16*	*23.0*	*21*
Louisiana	2,963	3	25.5	12	–	21	1,527	31	20.7	27
Oklahoma	1,971	12	34.5	4	−7.8	34	2,562	23	22.1	22
Texas	2,614	4	28.2	7	49.5	1	9,683	2	13.0	42
Mountain	**1,816**	(X)	**28.9**	(X)	(NA)	(X)	**10,975**	(X)	(NA)	(X)
Montana	1,875	18	32.0	5	−5.5	29	1,419	33	23.8	16
Idaho	1,684	36	26.7	9	7.3	15	2,288	25	24.0	14
Wyoming	3,280	2	42.0	2	9.8	14	574	39	16.0	35
Colorado	1,682	38	23.0	20	12.4	11	3,352	15	23.8	16
New Mexico	1,849	22	44.5	1	−11.9	37	989	36	15.2	38
Arizona	1,717	31	27.4	8	−.7	23	1,521	32	17.0	32
Utah	*1,584*	*45*	*21.1*	*26*	*−3.0*	*26*	580	*38*	*14.9*	*40*
Nevada	2,215	5	36.2	3	−7.7	33	252	46	16.6	33
Pacific	**1,625**	(X)	**19.8**	(X)	(NA)	(X)	**19,552**	(X)	(NA)	(X)
Washington	1,590	44	18.9	33	25.4	8	2,933	18	20.8	26
Oregon	1,699	33	20.6	27	−1.4	24	1,792	30	23.7	18
California	1,576	46	20.0	29	21.2	9	14,185	1	25.7	10
Alaska	3,448	1	21.4	25	(NA)	(X)	25	50	10.4	47
Hawaii	1,999	9	15.6	42	(NA)	(X)	617	37	7.5	50

– Represents zero. NA Not available. X Not applicable. [1] See table 963, 1986 Statistical Abstract. Source: U.S. Energy Information Administration. [2] See table 1047, 1986 Statistical Abstract. Source: U.S. National Center for Health Statistics. [3] *Source: U.S. Dept. of Agriculture, Economic Research Service.* [4] See table 1135, 1986 Statistical Abstract. Covers land and buildings. Minus sign (–) indicates decrease. [5] See table 1150, 1986 Statistical Abstract. [6] See table 1141, 1986 Statistical Abstract.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	NET FARM INCOME/DEBT RATIO, [1] 1984		VALUE OF CONSTRUCTION CONTRACTS, PERCENT CHANGE, [2] 1983–1984		HOUSING UNITS STARTED, PERCENT CHANGE, [3] 1983–1984		VALUE OF MANUFACTURING SHIPMENTS, [4] 1983		RETAIL SALES PER CAPITA, [5] 1984	
	Ratio	Rank	Percent	Rank	Percent	Rank	Billion dollars	Rank	Dollars	Rank
United States	**12.6**	(x)	**8.4**	(x)	**2.6**	(x)	**2,055.0**	(x)	**5,491**	(x)
New England	(NA)	(x)	**19.7**	(x)	**28.5**	(x)	**111.3**	(x)	**6,369**	(x)
Maine	17.7	17	9.1	30	45.7	3	9.1	38	5,631	20
New Hampshire	17.0	19	25.0	5	57.0	1	7.9	40	7,019	3
Vermont	20.0	15	18.5	11	43.1	5	3.7	43	6,209	11
Massachusetts	51.8	3	22.3	7	17.9	15	50.7	14	6,650	5
Rhode Island	112.2	1	6.7	33	16.2	21	8.2	39	5,326	28
Connecticut	40.7	5	19.6	9	22.2	12	31.7	23	6,267	9
Middle Atlantic	(NA)	(x)	**19.2**	(x)	**16.5**	(x)	**302.4**	(x)	**5,229**	(x)
New York	12.8	24	13.3	20	19.1	13	126.0	3	5,046	40
New Jersey	30.0	7	13.5	19	18.2	14	72.6	8	5,890	16
Pennsylvania	22.9	11	35.3	2	11.7	25	103.8	7	5,082	38
East North Central	(NA)	(x)	**15.7**	(x)	**11.1**	(x)	**478.5**	(x)	**5,150**	(x)
Ohio	8.6	36	5.9	34	6.0	33	124.7	4	5,112	37
Indiana	.3	48	11.4	23	16.3	20	69.0	10	5,474	22
Illinois	7.6	38	17.2	14	2.3	38	114.8	6	5,114	36
Michigan	12.0	28	41.1	1	28.6	9	114.8	5	5,155	34
Wisconsin	17.3	18	5.9	35	7.8	29	55.2	11	4,941	42
West North Central	(NA)	(x)	**5.6**	(x)	**13.9**	(x)	**161.0**	(x)	**5,573**	(x)
Minnesota	7.4	39	−8.3	43	7.8	30	37.4	20	6,037	13
Iowa	10.3	31	9.0	31	−2.5	41	31.6	24	5,030	41
Missouri	4.7	45	10.4	26	36.9	7	45.0	15	5,710	18
North Dakota	8.7	35	2.2	38	−29.1	47	2.4	48	5,844	17
South Dakota	12.6	26	20.0	8	45.2	4	3.2	46	5,059	39
Nebraska	14.6	21	16.0	17	6.0	34	14.0	34	5,205	32
Kansas	10.1	32	17.2	15	12.5	23	27.5	26	5,456	24
South Atlantic	(NA)	(x)	**15.9**	(x)	**11.4**	(x)	**280.7**	(x)	**5,580**	(x)
Delaware	36.3	6	3.4	37	26.5	11	9.6	36	6,333	8
Maryland	16.5	20	9.8	29	2.5	36	22.5	28	6,230	10
District of Columbia	(x)	(x)	13.7	(x)	33.3	(x)	1.7	(x)	4,854	(x)
Virginia	13.2	22	28.4	3	16.7	18	39.7	18	5,331	27
West Virginia	−14.2	50	−3.0	41	12.0	24	10.1	35	4,432	48
North Carolina	28.3	8	14.0	18	17.0	16	70.9	9	5,193	33
South Carolina	9.7	33	10.3	27	17.0	17	30.8	25	4,692	43
Georgia	23.3	9	12.5	21	10.8	26	53.7	12	5,208	31
Florida	45.6	4	18.0	13	9.0	28	41.7	17	6,337	7
East South Central	(NA)	(x)	**8.7**	(x)	**9.6**	(x)	**129.9**	(x)	**4,654**	(x)
Kentucky	13.0	23	−5.3	42	5.4	35	32.6	22	4,652	44
Tennessee	9.4	34	18.7	10	13.1	22	44.2	16	5,210	30
Alabama	23.2	10	10.0	28	6.3	31	32.8	21	4,250	50
Mississippi	6.1	41	7.6	32	9.4	27	20.3	30	4,270	49
West South Central	(NA)	(x)	**−8.7**	(x)	**−30.0**	(x)	**264.2**	(x)	**5,626**	(x)
Arkansas	21.0	12	10.8	25	1.6	39	20.6	29	4,463	47
Louisiana	.9	47	−.3	39	−23.4	45	53.6	13	5,137	35
Oklahoma	5.3	43	−22.4	48	−43.2	50	23.5	27	5,648	19
Texas	11.8	30	−9.1	44	−30.0	48	166.5	2	5,929	15
Mountain	(NA)	(x)	**−10.6**	(x)	**6.3**	(x)	**60.1**	(x)	**5,685**	(x)
Montana	2.2	46	11.6	22	30.8	8	3.7	44	5,363	25
Idaho	12.3	27	16.3	16	2.4	37	5.8	41	4,498	45
Wyoming	−5.9	49	−35.2	49	−28.6	46	2.2	49	6,712	4
Colorado	11.9	29	−.7	40	−16.4	44	19.3	31	6,400	6
New Mexico	5.2	44	−10.1	45	45.9	2	4.0	42	5,296	29
Arizona	7.7	37	11.4	24	16.6	19	14.0	33	5,585	21
Utah	5.5	42	−56.8	50	39.2	6	9.4	37	4,492	46
Nevada	7.2	40	−10.4	46	−15.2	43	1.8	50	7,306	2
Pacific	(NA)	(x)	**15.3**	(x)	**19.0**	(x)	**266.9**	(x)	**5,914**	(x)
Washington	20.4	14	4.9	36	6.2	32	37.8	19	5,456	23
Oregon	12.8	24	25.9	4	−4.5	42	19.1	32	5,336	26
California	18.6	16	18.3	12	27.6	10	204.1	1	5,996	14
Alaska	21.0	12	−10.8	47	−40.9	49	2.5	47	8,348	1
Hawaii	74.3	2	24.4	6	–	40	3.4	45	6,124	12

– Represents zero. NA Not available. X Not applicable. [1] See table 1149, 1986 Statistical Abstract. Minus sign (–) indicates net loss. Source: U.S. Dept. of Agriculture, Economic Research Service. [2] See table 1294, 1986 Statistical Abstract. Source: F.W. Dodge Division, McGraw-Hill Information Systems Company, New York, NY. Minus sign (–) indicates decrease. [3] See table 1299, 1986 Statistical Abstract. Source: National Association of Homebuilders, Washington, DC. [4] See foonote 7, table 1334, and tables 1336 and 1349, 1986 Statistical Abstract. Source: U.S. Bureau of the Census. [5] See table 1397, 1986 Statistical Abstract. Source: Market Statistics, New York, NY, (copyright).

Appendix VI

Index to State Statistics in the 1986 Edition of the *State and Metropolitan Area Data Book*

[The 1986 edition of the State and Metropolitan Area Data Book (see inside back cover) contains almost 2,000 subject items of comparative data for States, regions, and divisions. Listed below are the *Statistical Abstract* tables in this edition and the item numbers from table C (the State table) in the State and Metropolitan Area Data Book (SMADB) for which similar, though not necessarily comparable, comparative State data are presented. Both national-level and State-level *Abstract* tables are linked to the items in table C in order to provide easy reference to more detailed statistics]

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